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THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

Copyright 1906 by
The Jewelers' Circular
Publishing Company.

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, AUGUST 8, 1906. Vol. LIII. No. 1.



Silver Table Service of Early Roman Period Now in Field Columbian Museum.

(*See text on page 42.*)

VON DER LUHE & HANNE N.Y.

ALVIN SILVER



ALVIN M'F'G CO.
Silversmiths,
New York.

We are now paying special attention to Sterling Silver Toilet Sets and have some new designs and patterns ready.

The one illustrated, No. 2400, is a delicate pattern (light grey finish), in very low relief—quite a departure from the high relief so long in vogue and a welcome change in style.

Fahys

¶ In 99 cases out of a 100 the Jeweler is—and should be—responsible for the kind of watch case his customer should buy.

¶ The Jeweler recommends Fahys Cases, knowing they have obtained their popularity entirely on their merits for sterling worth and intrinsic value, and feels protected in his recommendation.

JOSEPH FAHYS & CO.



The Way We Get on "Top"

is by cutting the diamonds ourselves. The way we keep it "going" is by selling the goods in the most inexpensive way.

If you want your business to reach the "top" notch of prosperity, don't pay out your good money for jobbers' profits and salesmen's salaries and expenses.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York





Cupid Does Not Sleep

Consequently wedding rings are always in demand.

Our wedding rings are the best that can be manufactured.

The prices we ask for them, the lowest.

Please bear this in mind, Mr. Retail Jeweler, the next time you order wedding rings.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - New York

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

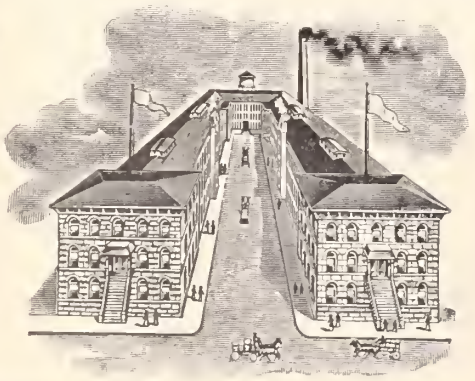
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

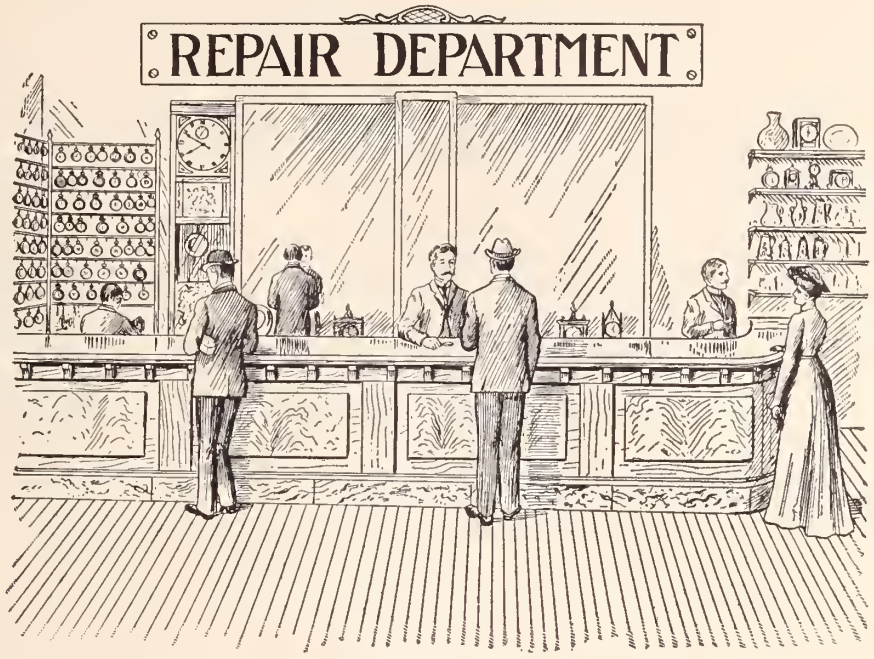
FACTORY, Attleboro, Mass.

HIGH GRADE 14 K. FILLED CHAINS

B

WARRANTED

•TRADE MARK•



The REPAIRING

END OF YOUR BUSINESS IS THE MOST IMPORTANT PART OF IT

More people come into your store to leave work than to purchase goods.

Almost every one of your good customers became so through your repair department.

Progressive jewelers know this and concentrate their efforts on the repair department of their business. They give it the most prominent place in their stores; they emphasize it in all their advertisements; they keep themselves and their employes thoroughly informed on the costs of all kinds of work, new ideas and methods; they are courteous and accommodating to repair customers; have all work ready when promised; and do only such work at home as they can do well.

They send all the rest to us.

We devote our entire time, energy, capital, and twenty-five years' experience to this important branch of the jewelry business; employ and educate the best help that can be obtained; systematize and inspect the work, and use every modern method to produce the best work promptly at reasonable prices.

It is to your interest to do business with us, it is to our interest to have you.

Let us work together.

WENDELL & COMPANY

The Special Manufacturers for the Retail Jewelry Trade
Do a larger variety of work than any other firm in the country

TWO WONDERFUL SHOPS:

103 and 105 William Street
Near Maiden Lane
NEW YORK

57 Washington Street
Near State Street
CHICAGO

Watch Case Satisfaction

THE MOST POPULAR CASES on the market, no doubt, are the 25-year lines. They fall within the class of "high grade" cases, which satisfy self-respecting men. Twenty-five years seems a reasonable time.

The Wadsworth "Pilot" (25-year) Watch Case

"A Quarter of a Century"

WE INVITE COMPARISON between this line and other makes of 25-year cases—compare Shapes, Decorations, General Appearance, Prices, etc. Then use your own judgment and buy on business principles—on merit without prejudice.

The Wadsworth Watch Case Co.

CHICAGO Columbus Building
SAN FRANCISCO 717 Market St.
NEW YORK 49 Maiden Lane

FACTORY, DAYTON, KY.



These illustrate a few of the dozens of New Patterns we



are making in our Pilot Cases for this Fall delivery



The Wadsworth Watch Case Co.

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.

? ? ?

Do the retail jewelers appreciate what they were paying for 12 Size movements before our 12 Size was on the market?

Do the retail jewelers appreciate what they were paying for O Size movements before our O Size was on the market?

Do the retail jewelers stop to consider what they would be paying for movements if there was not an independent watch company manufacturing a complete line of superior watches?

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed

Patented June 26, 1906

DIRECTIONS

To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND

Dueber Watch Cases
Hampden Watch Movements

"Dueber-Hampden" stands for honesty, integrity and consistency. Added to these qualities the talent and energy devoted to the development of

DUEBER-HAMPDEN WATCHES

have earned for them the enviable reputation of

The Leading American Watch

Made in all sizes and sold only as complete watches in 3/0 size and 12 size, cased in solid gold and gold filled cases of the most artistic designs.

The W. J. JOHNSTON COMPANY,

Wholesale Agents of the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

The W. J. JOHNSTON COMPANY,

Wholesale Agents of the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

Hamilton Watches

Illinois Watches

Made to be sold by live, progressive, American Retail Jewelers who realize the credit to be gained from selling reliable, accurate time pieces.

Protection to the Retail Jeweler is the "watchword" of The Hamilton Watch Co and The Illinois Watch Co., and every effort will be made to restrict the sale of these watches to the Legitimate Retail Jeweler.



Just at this season the Retail Jeweler, possessing progressive business methods, is concentrating the greater part of his energy toward completing his stock to prepare for the season ahead. HB Rings are acknowledged throughout the trade to be the most salable and profitable Ring production. They are working their way into the stock of every Jeweler who knows the value of a selling article.

HEINTZ BROS.
BUFFALO, N. Y.

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M

Always in Red.

SPECIAL.

WE extend to the Jewelers of this country a most cordial invitation to our FOURTH ANNUAL EXHIBITION of Diamond Jewelry, to be held in our offices between August 13th and 18th inclusive.

During the past few months we have specified in this journal what this remarkable display will consist of and we desire to say that every statement will be fully verified by a wonderful exhibit of the most marvelous stock of mounted goods ever shown in this country; not alone in the enormous quantity, but in the wonderful variety of magnificent and exclusive designs. Jewelers will be shown the effects that will be worn during the season of 1906-7.

If you intend coming here during these dates, kindly advise us whether we can be of service to you in securing accommodations at any of the hotels or in any other way.

As the time is now approaching for this exhibition, we shall be very glad, indeed, to have you bear in mind to bring with you any odd stones you may have lying around in your safes, that you do not know what to do with. You will find here thousands of the newest and latest suggestions for mounting them, and they will become a source of revenue to your establishment.

We beg to advise that Mr. Archie Rutherford is now connected with this firm.

Once a visit always a visit.

POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS,

258-260 Fifth Avenue,
NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

TRADE W MARK

WE direct attention to our new Fall lines of Toilet and Hollow Ware in sterling silver, which in artistic conception and expert craftsmanship surpass any previous display.

Owing to the novel character of our Toilet Sets we will be unable to illustrate same until next week, but we are sure you will agree that these sets are a radical departure from anything heretofore attempted. They are now on exhibition at our showrooms.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York







Silver Deposit Ware

THE ever-increasing popularity of Silver Deposit Ware leads the Whiting Company to direct particular attention to the attractive and very complete line now shown by them at prices which will, on examination, be found to compare most favorably with those demanded for articles of a similar character but of markedly inferior quality.

¶ As the accompanying illustrations will serve to indicate, this artistic ware is notable for the markedly decorative effect which it insures at a comparatively moderate cost.

¶ At the same time it may be pointed out that while these particular examples shown are suggestive of one of its most effective applications, the Deposit process can with equal fitness be adapted to every desirable form of ceramic or glass ware, thus very materially widening the range of its utility.

¶ Among the articles in this ware offered by the Whiting Company, complete, are

Tea and Coffee Services,
Liqueur Sets,
Sherbet and Champagne Cups,
Whiskey Jugs and Bottles,
Cock-Tail Glasses,
Lemonade Glasses,
Claret and Cordial Glasses,
High-Ball Glasses.

TRADE MARK

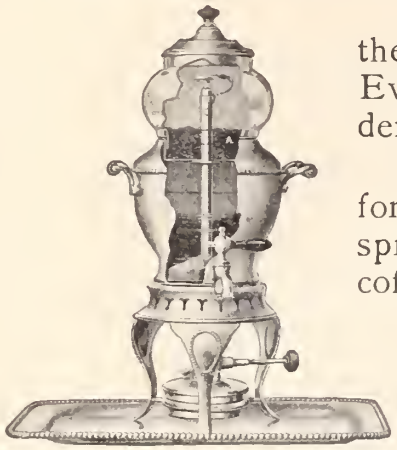
The Whiting Mfg. Co.

SILVERSMITHS

Broadway and Nineteenth Street, New York

If It Burns Alcohol We Make It

THE PROCESS EXPLAINED



The Sternau Coffee Machine is much in demand in the home and on the yacht. It makes coffee on the table. Every jeweler should carry it in stock, because it is in demand and profitable to sell.

It distills coffee automatically by generated steam forcing hot water up through the center tube (*A*). The spreader (*B*) then sprays the water over the ground coffee on strainer (*C*) and the coffee extract percolates into the reservoir (*D*).

The grounds never lie in the water, and the tannin is not extracted; but a delicious, gently stimulating and absolutely wholesome beverage is obtained.

Send for our new catalogue, No. 21, if you have not received it.

New York Salesrooms:
Broadway, cor. Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Coffee Machines, Chafing Dishes and their accessories, Trays, Smoking Sets, Fancy Kettles, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

Our New Engraved Pattern

One of the three New and Artistic Effects that we are showing this season.



TRADE +B MARK.

The demand for engraved effects in Toilet Ware and Manicure Sets of heavy weight is increasing. Our engraved pattern, as illustrated, was originated to meet the call of the coming season. The Mirrors and Hair Brushes are made in two sizes and may also be had in plain pattern, from which engraving is eliminated. A complete price list is ready for mailing, and we will be pleased to send it to you upon request.

Card Cases *Baskets* *Shirred Wrist Bags*

Photo Frames *Jewel Cases* *Sterling Novelties*

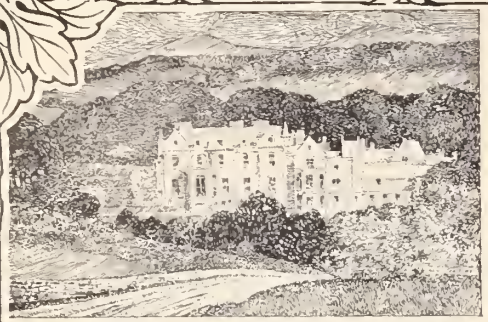
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

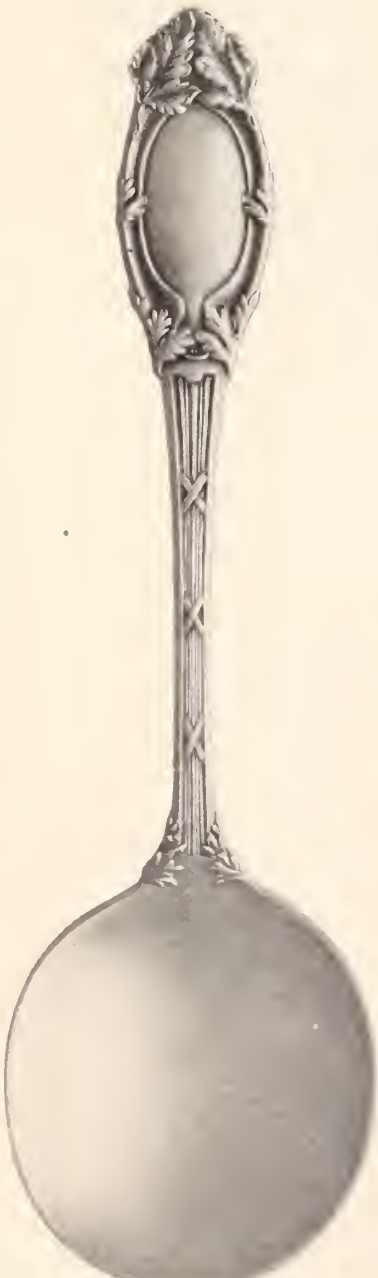
ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

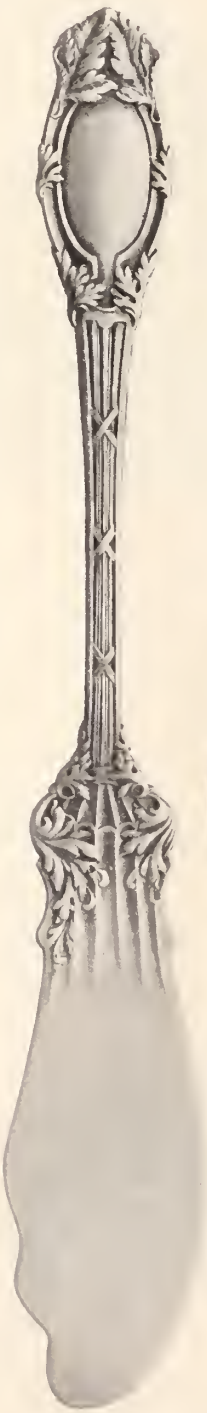
FACTORY, NORTH ATTLEBORO, MASS.



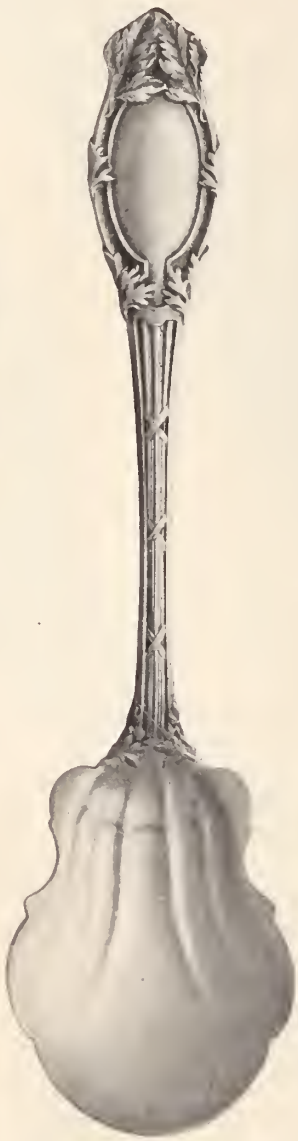
ABBOTSFORD
The Home of Sir Walter Scott
"A Romance in stone and lime"



Soup Spoon



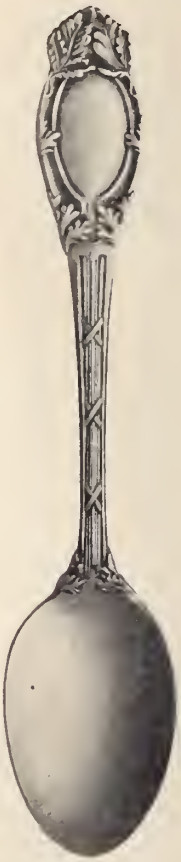
Butter Knife



Sugar Shell



Butter Spreader



Coffee Spoon

Abbotsford

TRADE MARK Sterling

A Romance in Sterling Silver



Sir Walter Scott

Tea Spoon

Dessert Fork

Dessert Spoon

Medium Fork

Table Spoon

Made by

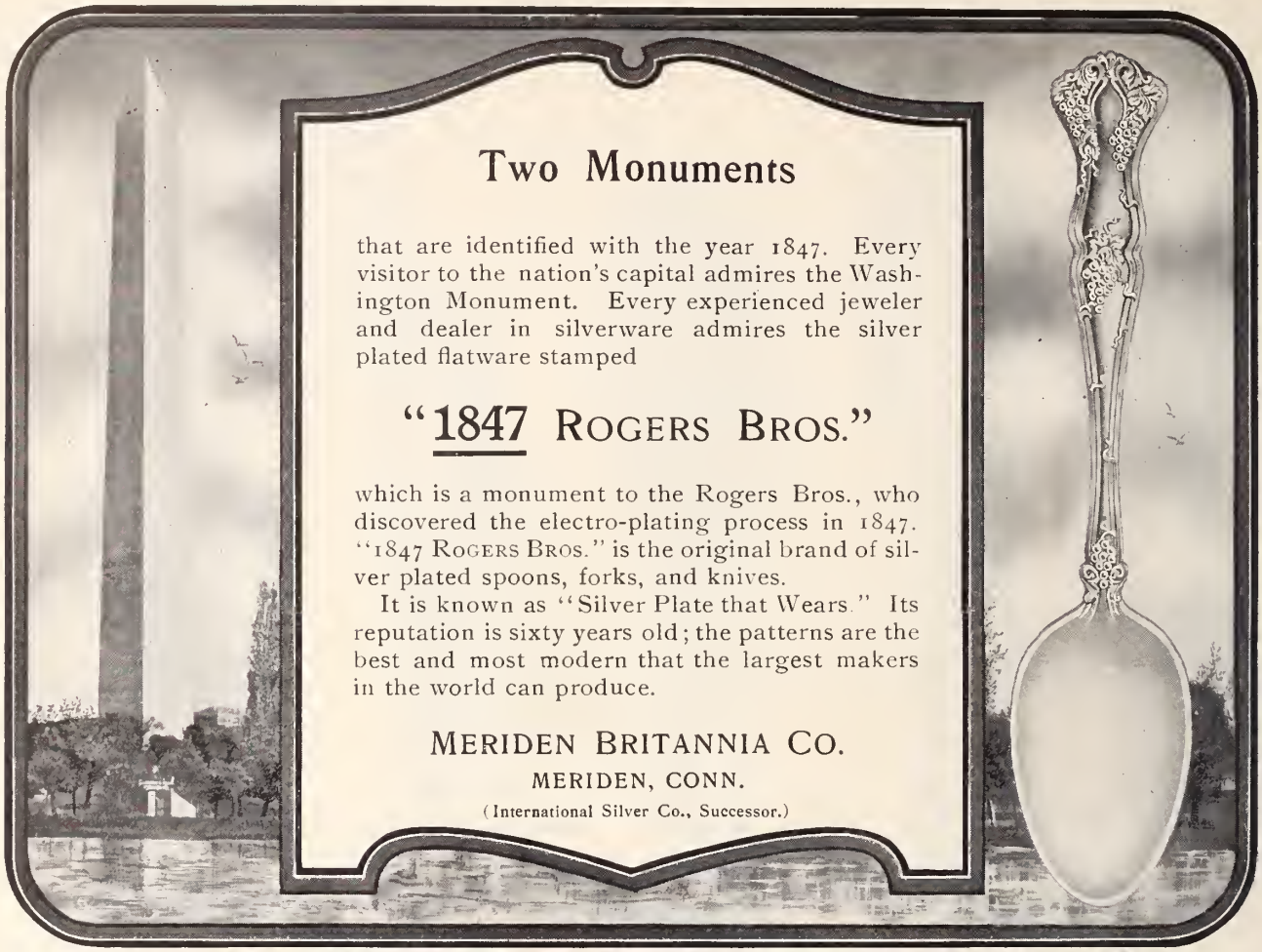
SIMPSON, HALL, MILLER & Co

International Silver Co., Successor;

WALLINGFORD, CONN., U.S.A.

New York · Chicago · San Francisco · Toronto ·

Silversmiths to the American People



Two Monuments

that are identified with the year 1847. Every visitor to the nation's capital admires the Washington Monument. Every experienced jeweler and dealer in silverware admires the silver plated flatware stamped

"1847 ROGERS BROS."

which is a monument to the Rogers Bros., who discovered the electro-plating process in 1847. "1847 ROGERS BROS." is the original brand of silver plated spoons, forks, and knives.

It is known as "Silver Plate that Wears." Its reputation is sixty years old; the patterns are the best and most modern that the largest makers in the world can produce.

MERIDEN BRITANNIA CO.
MERIDEN, CONN.
(International Silver Co., Successor.)

Distinctly Impressive Lines

For Up-to-Date Jewelers

THE CREATIVE SKILL of the foremost designers of Jewelry abroad contributes to the artistic lines with which this establishment stands identified. The touch of Parisian genius and the glamour of the romantic Orient are manifest in these showings.

The trade is familiar with our popular lines of Bracelets, Combs, Necklaces, etc. Past achievements are exceeded this season. Special attention is called to the artistic use of the Garnet in our Bracelets and Necklaces. Showings in Jet and the most perfect artificial stones.

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK

Smith Silverware.

TRADE MARK
STERLING 925/1000

The "Georgian" line of hand-chased Hollow Ware represents the very highest achievement of the most skilled Silver Workers. Like all Smith Silverware it is characterized by its distinctiveness of design, substantial weight and excellence of finish. Made in complete dinner service.



FRANK W. SMITH CO.

Manufacturers of Sterling Silverware

Gardner Mass.

ROBERT LEVY 10K

THE NAME THAT STANDS FOR QUALITY



No. 700-36.

Every product presents two problems: The ways and means to make it better than it has ever been made, and how to dispose of it. By the finest of workmanship we have mastered the former, and the latter became assured by the comparatively low prices we ask. Our

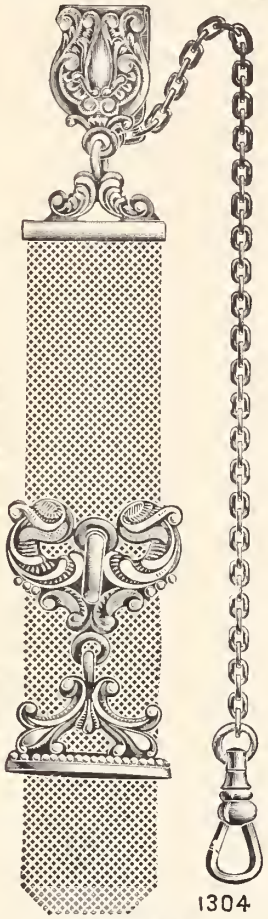
LOCKETS	CIGAR CUTTERS	FOBS
BUTTONS	BROOCHES	BEAD NECKS
PENKNIVES	BRACELETS	TIE CLASPS
MATCH BOXES	SCARF PINS	HEART CHARMS, Etc.

substantiate our assertions. Convince yourself by sending for a selection.

10K. that is 10K.

ROBT. LEVY, Manufacturing Jeweler

Green and Columbia Sts., Newark, N. J.


1304


No. 32
PATENTED

BATES & BACON

Attleboro, Mass.

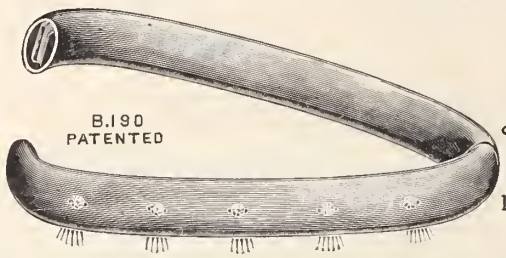
Makers of HIGH GRADE CHAINS

The BEST SAFETY FOB is one of our specialties; Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets and Chatelaines.

The New "Bates" Bracelets

"Kant-Kum-Off"

Made in Seven Sizes


B.190
PATENTED

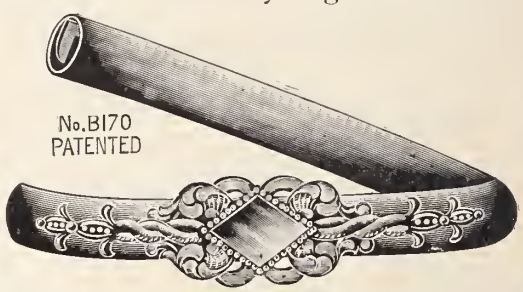
OFFICES:

NEW YORK,
9 Maiden Lane.

CHICAGO,
103 State Street.

Ask your jobbers for THE BATES BRACELETS and you get the BEST


No. 43
PATENTED


No. B170
PATENTED



THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

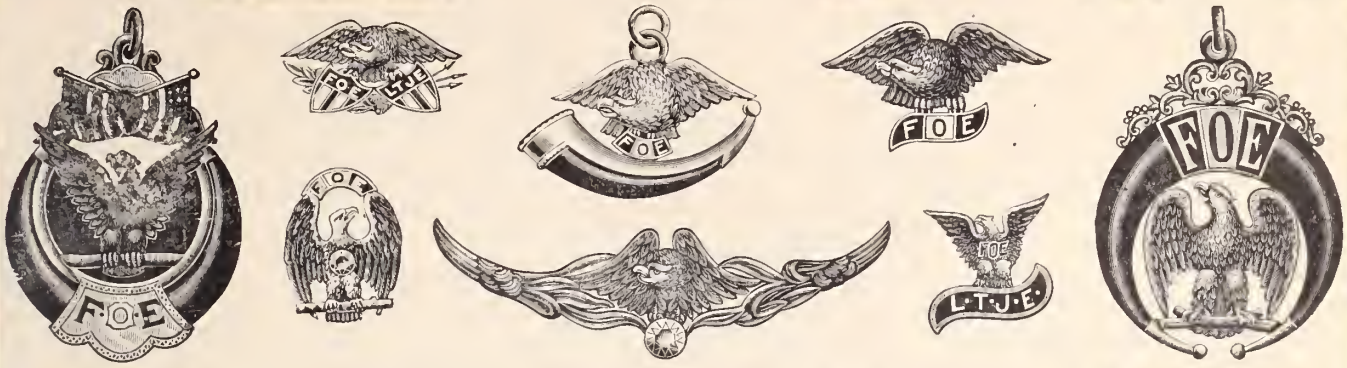
Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM.

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.



OUR EAGLE EMBLEMS

Are reproduced with great pains and a great deal of expense. The eagles in every case being modeled from life. Animal experts and artists pronounce them the most perfect specimens ever placed on the market. They are also individualized by certain important characteristics, which materially add to their selling qualities. Among these are: 1st—The quantity of material utilized, our emblems having twice the thickness of the ordinary class of goods; 2d—The excellent workmanship, which will bear the minutest inspection, being the product of the most skilled labor obtainable. While our emblems will bring 50 per cent. more at retail on account of their attractiveness, uniqueness and general superiority, they do not cost any more than the ordinary makes. If you have not received our new 1906 catalogue and supplement, be sure and write for same. If your jobber does not handle our line, write to us direct.

The GUSTAVE FOX CO.

14-16 East Fourth Street **CINCINNATI, OHIO, U. S. A.**



Stamp Our New Trade Mark on Your Memory. It Is a Guarantee Upon Which You Can Safely Stake Your Reputation.



The "Fine Mark" on Government Gold Is Not a Stronger Guarantee Than Our Trade Mark on Emblems.





Trade Mark

Tortoisene Combs

Mounted with 10-K. hand-work patterns. Every design is characteristic of originality and every detail is significant of superior workmanship.

Tortoisene is hard to detect from the real tortoise shell, having a rich effect that pleases the most skeptical in artistic hair treatment.

This cut represents a few of our patterns, actual size.

Combs will be much in demand throughout the year and orders should be in advance to insure prompt attention.

Prices on request.

Schultz, Leiss & Co.

OFFICES

New York, 14 John St. Chicago, 103 State St.

FACTORY

Cor. McWhorter and Oliver Sts., Newark, N. J.



THE hum of industry is heard throughout the land and especially in the jewelry factories. They are busy turning out our new lines for the Fall Season and the results will be a source of surprise to those of the trade who do not fully appreciate our ability in this direction and a matter of course to our regular customers who expect better stocks from us each season. This expectation we usually live up to and for the Fall of 1906 we have managed to increase our lines of "Sellers" in Jewelry and Watches so that we may truthfully say that they are "The Best Ever."

If one of our representatives does not call on you we shall be pleased to send a selection package.

Our trade-mark "The Rose" and established reputation of over forty years are back of same.



HENRY FREUND & BRO.

Diamonds, Watches and Jewelry

Elk and F. O. Eagle Goods a Specialty

71 Nassau St., NEW YORK



Bracelets
Signet Rings

"SAPIENTI SAT"

Memo. Orders Solicited

L. Witsenhausen

47-49 Maiden Lane, N. Y.

Chicago, 405 Masonic Temple.
(L. KATLINSKY.)

OUR BUYERS have just returned from European markets which they have ransacked in search of novelties for the jewelry trade.

Our line of FANS for the coming fall possesses such charm that it will satisfy the most exacting buyer.

We also present the latest Novelties in

BROOCHES
MOUNTED COMBS
NECKLACES
CHAINS
BUCKLES, Etc.

A call at our showrooms is imperative to a visiting buyer.

LEWY & COHEN
IMPORTERS,
530 BROADWAY, NEW YORK



DATTELBAUM & FRIEDMAN,

Makers of Gold Rings of All Descriptions.

45 JOHN STREET, TELEPHONE 1347 JOHN, **NEW YORK.**

Our Trade-Mark "D.F." in all our Rings is the guarantee of quality.

Send for Catalogue.

A. Nonnenmann & J. Aschenbrenner,
114-118 East 23d St., New York.

Original Designers for Platinum, Gold and Silver Jewelry. Artistic Designs for Silverware and Novelties furnished at shortest notice.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The Allsopp Rings

THE UP-TO-DATE LINE OF



SIGNET AND SET RINGS



In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING. Newark, N. J.

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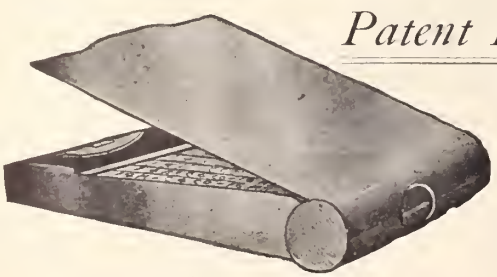
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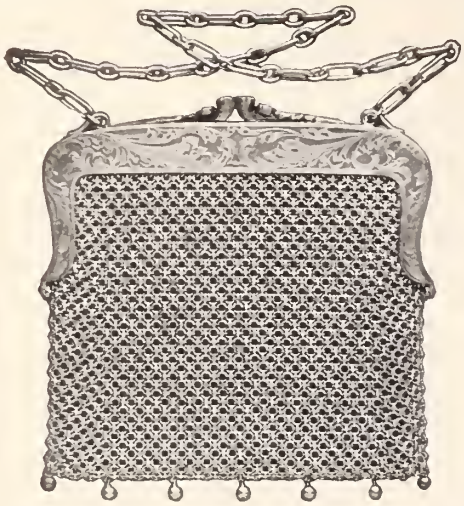
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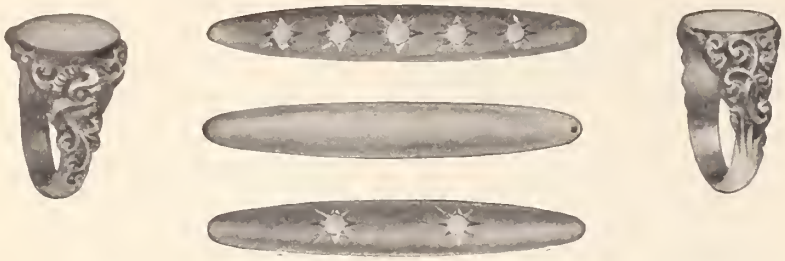
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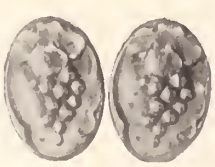
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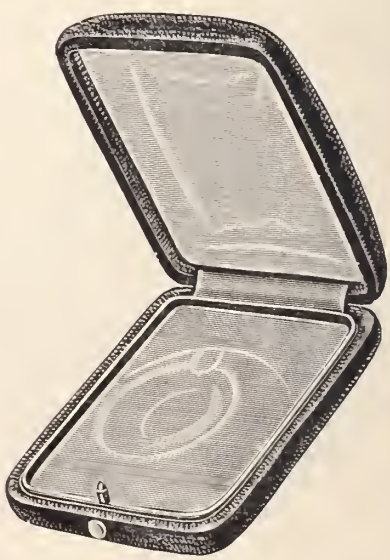
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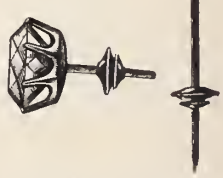
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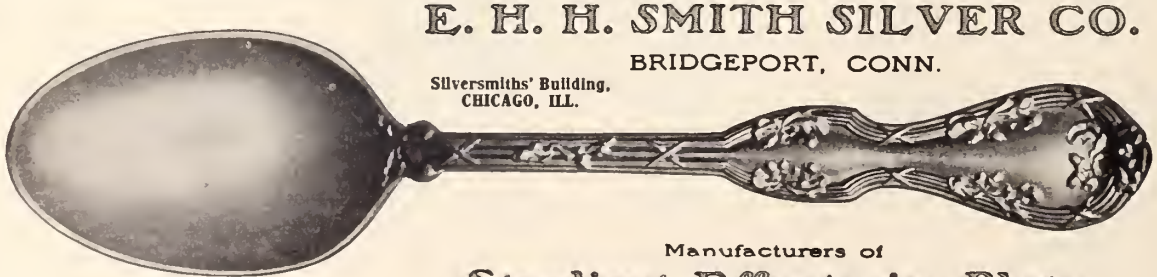
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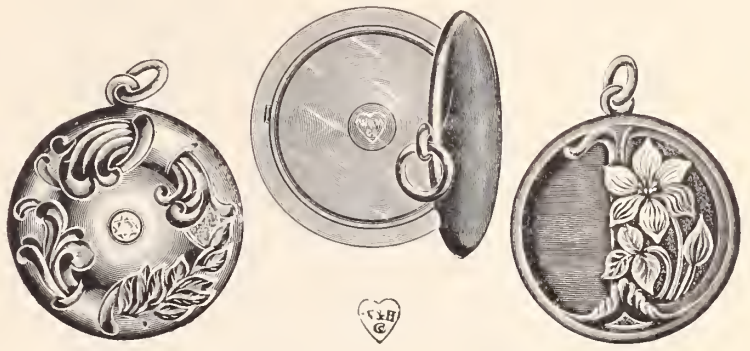
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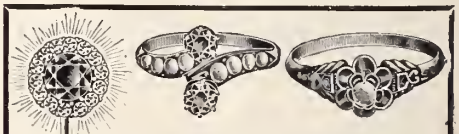
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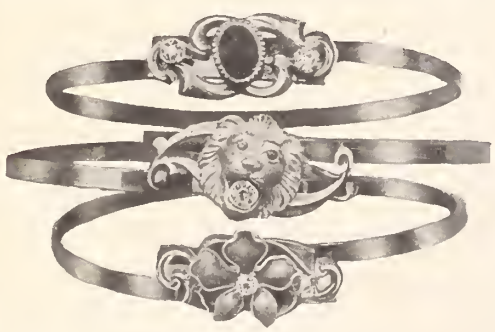
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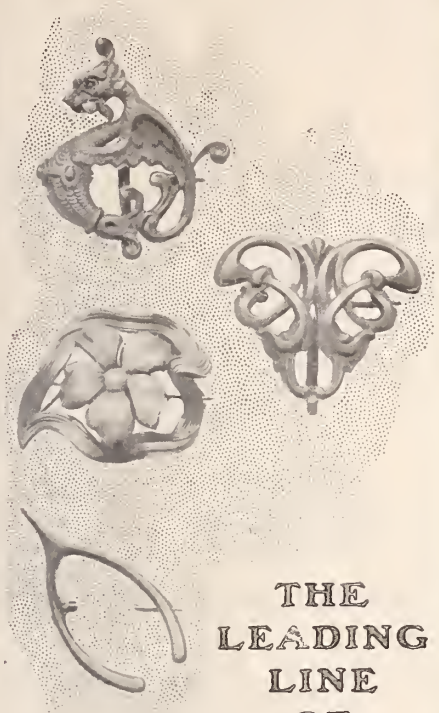
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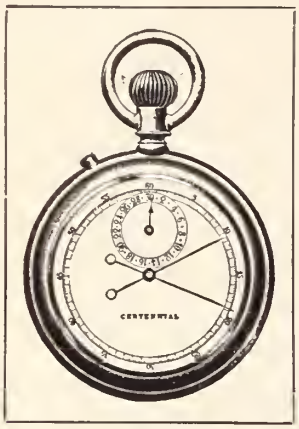
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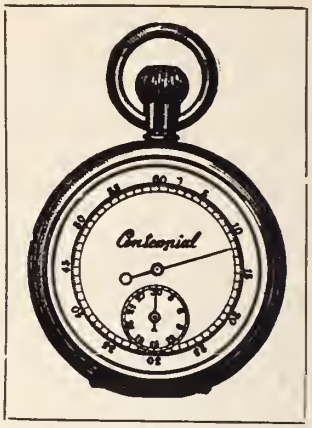
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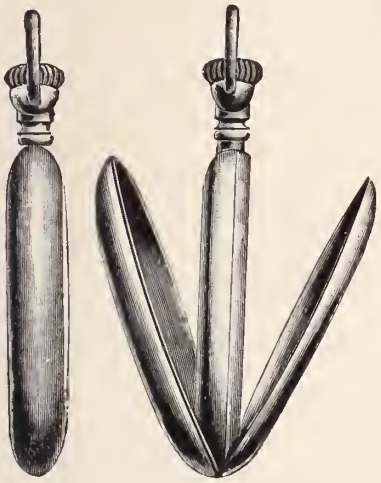
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THE ring illustrated herewith does the trick. You can put on and take off one dozen keys in less time than you could take one off any other make. We can also supply patent key rings in 10 and 14K. gold.

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Another of our new patterns in Toilet and Manicure goods.

Take particular notice of the new shape of Bonnet Mirror, which will be appreciated by every lady who uses one, it is so convenient. The regular shape can be furnished a little later if it is desired.

Our new line of Sterling Silver silk-lined Jewel Cases is especially attractive, and we are showing a great many Novelties which we will have illustrated in our new Catalogue, H, now in the hands of the publishers.

Owing to the phenomenal demand for

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the F&B invisible joint bracelet, it has been impossible to keep pace with the orders, but we now believe we shall soon be able to make prompt shipments.



See our full lines of gold-filled Lockets, Charms, Crosses, Pendants, Chains, Fobs, Neck Chains, Collarettes, Pins, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrette Pins, Belt Pins, Waist Sets, Buckles, Hair Chain Mountings, Ribbon Book Marks and a large line of Sterling Silver Novelties.

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350 King Street, Kingston, Ont.

Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in The Jewelers' Circular-Weekly, *July 18, 1906, and will be continued in this and succeeding issues until completed.]*

NOTES ON THE DIAMOND—(Continued).

Diamond-Carbon in Meteorites.—Following up his researches on the Canyon Diablo meteorite, Prof. Henri Moissan has published a more extended article describing those researches in fuller detail and also certain conclusions thence derived, together with new experimenes as to diamond production.[1] The results shown are (1) that it is only in certain specimens of this meteorite that carbon appears at all; (2) that in some pieces it is present in several forms, as amorphous carbon in two or three distinct varieties, as graphite, and as diamond in two varieties, black and transparent; (3) that these latter are found inclosed in or surrounded by a zone of amorphous carbon and in small fissures which stand in close relation to nodules of troilite and other compounds containing phosphorus and silicon in addition to the sulphur. Microscopic examination shows that even the portions of the iron that appear homogeneous frequently contain small nodules of this character. Prof. Moissan judged, from various studies by himself and others, that the metalloids—silicon, phosphorus, and sulphur—all tend to displace the carbon from molten iron, and that an increase in the proportion of nickel, which is found to vary considerably in different parts of the meteorite, lessens the solubility of carbon in the alloy as compared with pure iron. These two conditions, therefore, should co-operate to favor the separation of carbon in such a meteorite, as compared with Prof. Moissan's former process of diamond production in the electric furnace.

These suggestions led him to undertake a series of new experiments to test the effect of conditions thus modified. These are described in much detail, with the general result that the addition of small quantities of monosulphide of iron, or of silicon, to the crucible of melted iron with carbon, on its removal from the electric furnace and just before its immersion in cold water, appeared to facilitate the production of minute diamonds similar to those of his former experiments, but in larger number and with slight crystallographic differences. The addition of a small percentage of nickel, on the other hand, produced no apparent change from the results with pure iron. The introduction of phosphate of iron not only failed to increase the quantity of diamonds but apparently lessened it. Prof. Moissan therefore concluded that the diamond carbon in the Canyon Diablo meteorite has probably been set free from an iron carbide by the action of sulphur, and to some extent of silicon, the latter having also partly united with the carbon to form the silicon carbide which he found in association and which the writer named Moissanite, the natural form of the artificial product carborundum.

The crystallographic features of the microscopic diamonds are described, and the very interesting fact is noted that in a number of instances the little crystals broke spontaneously days or even weeks after their formation, thus presenting a striking parallel to the occasional behavior of diamonds from the blue ground of South Africa.

Considerable space is given to experiment and discussion as to the action of melted iron in solidifying in respect to expansion or contraction. The fact seems clearly shown that pure iron follows the ordinary law, but that iron with dissolved carbon expands in passing to the solid state, producing when confined the enormous pressure which causes the carbon, or some part of it, to crystallize as diamond, instead of all assuming the amorphous or the graphite form.

Artificial Production of Diamonds.—Two processes have been announced by German experimenters whereby it is claimed that minute crystals of diamonds have been obtained. One of these is that of A. Ludwig, who has been able to produce such crystals from pulverized carbon heated in hydrogen on a spiral of iron wire in the electric arc under a pressure of 3,100 atmospheres. The other is announced by R. von Hatslinger, who fuses graphite with silicates. He prepares a mixture representing as nearly as possible the composition of the African blue ground, and then introduces powdered graphite. The whole is melted in a crucible, the process being facilitated by using metallic aluminum and magnesium in preference to the oxides of those metals. When the fused mass is dissolved, minute octahedra are found, prossessing the physical properties of diamond.

Effect of Radium on the Diamond. Sir William Crookes delivered his notable lecture on the subject of the diamond before the British Association for the Advancement of Science at its Kimberley meeting in September, 1905. In this lecture experiments were described in connection with radium in contact with the diamond, which showed that the *beta* rays from radium preparations had like properties to the streams of inactive electrons in a radiant matter tube. It was found, by exposing fine colorless crystals of diamond to radium bromide undisturbed for more than 12 months that the radium caused the diamonds to assume a beautiful bluish color. This color is very persistent; it was affected neither by heating in strong nitric acid nor by potassium chlorate. Furthermore, the radium had communicated to the diamonds radio-active properties strong enough to affect a photographic plate; and when they were heated to a dull redness in a dark room a faint phosphorescence spread over the stone just before the color became visible.

Sir William Crookes also announced the results of his experiments in examining the extreme hardness of the metal tantalum, produced by Messrs. Siemens Bros, of Berlin. He found that a diamond drill making 500 revolutions per minute and continued in operation for three days and nights, had only produced a depression of one-fourth millimeter in depth, the question being then as to which had been affected the more, the diamond or the tantalum.

Wages in Diamond-Cutting Industry.—For the last two years there has been a great deal of disturbance in the matter of the adjustment of the rates and hours of labor in the diamond-cutting industry. The outcome for the United States has been that in November, 1905, an eight-hour day was established, with wages ranging from $40 to $80 per week for the various employes in the industry. This result was brought about by the great demand for cut material and by the fact that the amount of cutting in the United States has increased so rapidly within the last five or six years that at the present time more than one-half of all the diamonds sold in the United States have been cut here. As the high quality of the cutting is not excelled in any of the foreign centers, and because of the systematic methods in use in this country, there is a possibility of a still greater percentage of the larger stones being cut here. This is not true of the smaller stones.

CORUNDUM GEMS.

CORUNDUM.

NORTH CAROLINA.

The first volume of the North Carolina Geological Survey reports treats of the history of corundum mining both as an abrasive and as gem material. Minging for the abrasive has been frequently successful, but, although the gem mining has produced interesting results, there never has been a financial return to warrant the expenditure for this purpose.

INDIA.

In his recent review of mineral production in India for the years 1898 to 1903, the director of the Indian Survey, Dr. T. H. Holland, gives data supplementary to his special treatise on the occurrence of corundum. Corundum is widely distributed throughout the Mysore State, and a certain amount of working is done at several points, though it can hardly be called mining. There has long been a local trade and a local consumption in India; but Dr. Holland doubts if it will ever be profitable to develop the workings on a large scale, in view of the competition of foreign corundum and of cheap abrasives like carborundum. The native demand, that of the old *saikalgar*, or armorer, and the lapidary, is mainly at a few points like Delhi, Agra and Jaipur, and has been supplied by the irregular and casual gathering by agriculturists and cowherders. The data of production in Mysore are very variable and evidently imperfect, ranging from 28 tons to 150 tons, worth from about £100 to £700.

CEYLON.

With regard to corundum in Ceylon, the report of the Mineralogical Survey of that Island for 1904, by the director, A. K. Coomeraswamy, gives quite a full account, divided into two sections, one on corundum for abrasive use, and the other on the gem varieties. The first part deals in some detail with the occurrence of blue crystals in the soil of Haldummulla, mentioned in Mr. Coomeraswamy's paper on the rocks and minerals of Ceylon. The crystals on the Haldummulla estate have been traced over a considerable area to the foot of a steep jungle-covered bluff, impossible to explore without heavy cost, but clearly the source of the loose corundum. The crystals are accompanied over the area examined by pieces of the matrix, which is sillimanite rock with garnets, containing corundum crystals identical with the others. Orthoclase microperthite is associated to some extent, and a little of either rutile or ilmenite, but these never appear together.

The second part of the report, on the Ceylon gems, is the fullest that has appeared for some time. The gem corundums of Ceylon are obtained entirely from gravel beds, together with lower grades of corundum and also spinels, zircons, tourmalines, beryls, topazes, etc., that have long been known as Ceylon gems. Most of these are supposed to have come from the intrusive granite rocks of the Balangoda group, but tourmaline alone has actually been found in a granite matrix on the island. The hills and ridges are so covered with jungle that it is well nigh impossible to trace the sources of the minerals brought down by the streams. The gems and other heavy minerals thus transported are to a large extent very local in distribution, indicating that their sources are in many small outcrops.

The "gemming" industry of Ceylon is described at some length, with maps and illustrations. The stones are all found in a bed, or sometimes in two beds, of rounded quartz pebbles and cobbles, called "*illam,*" which is widely distributed through the valleys and lowlands beneath a more or less thick deposit of alluvium of varying character. The *illam* is sometimes above the level of the streams, where the latter have deepened their channels by erosion, but it is more frequently below the water level, in one case as far as 120 feet. To a large extent, it underlies swamps and rice fields. The working of the availahle localities has been carried on so far and so long that many of them are wholly exhausted and the rest are being rapidly reduced.

The corundum appears in several varieties, and the interesting fact is noted that while the crystals before described, from the Haldummulla and neighboring localities, in connection with the sillimanite rock are prismatic, those from the gem gravels are usually bipyramidal. The varieties found are the following:

1. Korundugal—opaque and only used as an abrasive.
2. Dalam—semitransparent, inferior; sold by the pound.
3. Nila—blue sapphire.
4. Ratukete or Arunal—asteriated.
6. "Topaz"—Oriental topaz, yellow sapphire.
7. "Ring topaz"—clear pink or flesh-colored corundum.

The topaz of Ceylon is yellow sapphire; true topaz is not rare in the gravels, but it is never yellow, being either white, pale-green, or brownish-yellow. (See under Topaz.)

The methods of working the gem gravel are described in detail, and are closely similar to the native methods used in mining for rubies in Burma and for diamonds in Borneo.

The *illam* generally rests upon decomposed rock in place, called "*malawa.*" In some cases the lower portions of it are cemented by iron oxide into a sort of conglomerate. In the present beds of rivers in the gem district, especially those that are fast and shallow, the actual surface gravel is gem bearing, forming a modern *illam*, doubtless largely derived from the older one, which represents the accumulation of ages.

The principal region where these gem gravels occur is the Sabaragamuwa province (Ratnapura district), and some parts of the southern province of the island.

(To be continued.)

[1]Nouvelles recherches sur la réproduction du diamant, par Henri Moissan; Ann. de chimie et de phys., 8th ser., vol. 5, June, 1905.

Considerable attention has been attracted to the show window in the store of Albert Pfeifer & Bro., Little Rock, Ark., by the display of a lens-grinding apparatus. The concern has just completed arrangements to grind its own lenses.

The WHY of it

Why do you suppose, week after week, year in and year out, we have been advertising in the Jewelers' Circular-Weekly?

We make gold jewelry of unquestioned quality, prices and construction, and stamp upon each piece our registered trademark, which is our bond that every piece is just as we represent it.

These facts we are anxious to impress upon the mind of every retail jeweler of good standing in the United States. That is WHY we use this space in the Jewelers' Circular-Weekly so consistently as one of the means toward that end.

Can we prove to you, through our travelers, that we make Rings for man, woman and child, in 14K. and 10K. gold, also 14K. Sleeve Buttons, Lockets, Larter Shirt Studs and Larter Vest Buttons that you can sell and honestly recommend?

If our travelers do not reach you, may we mail you a copy of the Larter Gold Book now in process of publication? A postal will bring one.

4 over 40 years Ring Makers

Larter & Sons

21-23 Maiden Lane New York



Registered Trade-Mark.

An Example of the Silversmiths' Art in the Days of Ancient Rome.

THAT the worker in precious metals was employed in making beautiful and useful articles for the table even in the most ancient times is evident from an inspection of the solid silver table service, an example of the kind used by wealthy Roman families, which was recently presented to the Field Columbian Museum of Chicago by Mrs. Chauncey J. Blair, of that city. The service, which consists of 20 pieces, will be found illustrated on the front cover, the cut being made from a photograph supplied especially to THE CIRCULAR-WEEKLY by the Museum. As will be seen from the illustration, the set consists of one large and three small round plates, a large cup with handle, a shell-shape cup, three small bowls or dishes, six large spoons and five small spoons.

An inspection of the articles shows that they were cast in a mould, and not hammered, and a remarkable feature of the set lies in the fact that the shape of the large cup, as well as those of the spoons, is not at all unlike some shapes in which these articles are made at the present time. The silverware came from Tivoli (Tibur), near Rome, and is believed to date from about 100 A. D., at least this is the date assigned to them by Prof. T. B. Tarbell, of the University of Chicago, while other Chicago antiquarians agree that the pieces are at least 1,000 years old, if not of a still earlier period. The set was excavated last Spring, and was presented to the Museum by Mrs. Blair about a month ago. It now occupies a place in the north court of the Museum building.

Death of John McNeal.

EASTON, Pa., Aug. 1.—John McNeal, Sr., who formerly conducted a jewelry store on E. Northampton St., died last week at his residence, 19 N. 2d St., of a complication of ailments, due to old age.

Mr. McNeal was 83 years old, and was a native of Easton. He received his education in the schools in this city, and subsequently learned the jeweler's trade. In 1847 he started in the jewelry business, the firm being known as McNeal & Siegert. Mr. Siegert finally retired, and Mr. McNeal continued in its management until he retired, about 15 years ago.

In 1854 deceased was married to Miss Hannah Riley, of Easton, who survives him with four children: Mrs. Eliot C. Armstrong, of Williamsport; J. Paul McNeal, of Philadelphia, and City Engineer John McNeal, Jr., and Miss Grace McNeal, of this city. He was one of the oldest members of the First Presbyterian Church of Easton.

A. M. Meyer & Bro., Richmond, Va., will shortly move to 917 E. Main St.

Arthur Babcock, who recently broke out of jail in New Philadelphia, where he had been incarcerated on a charge of robbing the retail jewelry store of Stonebrook & Jesse, New Comerstown, O., has been located in Windsor, Can. It is reported that Babcock wrote from Windsor to the jewelers, declaring his intention of paying for what he had taken from the store.

Changes Its Plans.

Gorham Mfg. Co. Will Sell Affiliated Companies to the Highest Bidder. —President Holbrook Indorsed.

PROVIDENCE, R. I., Aug. 2.—Shareholders of the Gorham Mfg. Co. met yesterday in the company's office and adopted resolutions to abandon the plan for selling subsidiary companies to the Silversmiths Co. of New York. At the same time it was voted to sell the subsidiary companies to the highest bidder at a sale to be conducted subject to certain conditions in the company's office in this city, Aug. 11, at 11 A. M.

Resolutions were adopted expressing the most complete confidence of the shareholders in the management of President Edward Holbrook and the Board of Directors. It was declared in these resolutions that the change in plans did not indicate in the slightest degree any lack of confidence in the management.

Mr. Holbrook was unanimously elected chairman of the meeting, and J. F. P. Lawton, the secretary of the company, was chosen to act as secretary. When the resolutions to sell the stock of the subsidiary companies was offered Samuel Untermeyer, New York, representing George H. Robinson, the former vice-president, protested. After the resolution was passed Mr. Untermeyer left the meeting.

Of the 50,000 shares of capital stock of the company, 46,374 were represented at the meeting. On the vote to sell the subsidiary companies the ayes were 43,374. The nays represented Mr. Robinson and one other stockholder.

Following were the resolutions adopted:

SALE OF SUBSIDIARY STOCK.

Whereas The directors of this company, because of the advice of counsel, and because of business and financial reasons, have recommended to its stockholders that this company should not continue to own share stocks of other manufacturing corporations engaged in a similar business; and that the same should be sold at the best price obtainable; and that, unless the purchase price be thereby materially decreased, the sale be upon condition that all stockholders of this company, both common and preferred, be permitted to come in and participate in the purchase; and

Whereas, The share stocks owned by this company of such manufacturing corporations, to wit, of the Whiting Mfg. Co., William B. Durgin Co., Silversmiths' Co. (of New Jersey), Silversmiths' Co. (of New York), and the William B. Kerr Co., have been appraised at the aggregate sum of one million six hundred and twenty-seven thousand four hundred and forty dollars ($1,627,440); and

Whereas, An offer has been received and read to this meeting to purchase the said share stocks for such appraised value, with the privilege to all stockholders of this company, without distinction as to class, to come in and participate in the purchase, if made, pro rata, according to their several holdings in this company, all as more fully stated in said offer; now, therefore, be it

Resolved, That the directors of this company be instructed to sell all of the said share stock at public auction, upon notice of not less than 10 nor more than 30 days to each stockholder of this company, and to such others as may desire to attend and bid, at such place and at such time and upon such terms as they, the Board of Directors, may determine, but in time to take advantage of the aforesaid offer, and at not less than the price stated in the aforesaid offer; and be it further

Resolved, That in case at said auction there should not be bid a larger sum for said share stocks than one million six hundred twenty-seven thousand four hundred forty dollars ($1,627,440), the directors are hereby authorized to accept the offer to purchase said share stocks heretofore received under the conditions attached thereto.

TO ABANDON OLD PLAN.

Whereas, At a special meeting of the stockholders of this company, held at Providence on May 1, 1906, the following resolution was adopted:

"*Resolved,* That the officers and directors of this company be, and they are hereby authorized and empowered to make such changes in the charter and by-laws or either of the Silversmiths' Co., as they may see fit, including any increase in the capital stock of the said Silversmiths' Co., to cause the capital stock of the said Silversmiths' Co., including its increase, or any part thereof, to be issued, sold, exchanged or otherwise disposed of, for the value not less than par.

"Also to sell, exchange or otherwise dispose of all or any part of the capital stock and assets, or either, of any corporation or corporations owned or controlled by the Gorham Mfg. Co., at a price not less than the cost thereof, to the date of sale, upon such terms and conditions as they may see fit.

"And to do all things necessary or proper to effect the foregoing purposes;" and

Whereas, Thereafter and pursuant to such resolution of the stockholders, the Board of Directors of the Gorham Mfg. Co. instructed its treasurer to vote upon the stock of the said Silversmiths' Co. to increase the authorized capital stock thereof to $10,000,000, to issue $7,000,000 thereof, and of such $7,000,000 to offer for sale $1,750,000 thereof at par for cash to the holders of the preferred and common stock of the Gorham Mfg. Co., in proportion to their respective holdings, and to the public through the Rhode Island Hospital Trust Company, and of the remaining $5,250,000 of such $7,000,000 to issue the same, or so much thereof, as might be taken in exchange, at par, to the holders of the common stock of the Gorham Mfg. Co., in exchange for their holdings of Gorham Mfg. Co. stock at the valuation of $210 per share;

And further instructing the treasurer to sell to the said Silversmiths' Co. all of the shares of the Whiting Mfg. Co., Silversmiths' Co. (of New York), Silversmiths' Co. (of New Jersey), and the assets of William B. Kerr & Co., Inc., at a price not less than the cost thereof to the Gorham Mfg. Co., at the date of the sale thereof; and

Whereas, Thereafter notices reciting the aforesaid resolutions and dated May 1, 1906, were sent to all of the stockholders of the Gorham Mfg. Co. inviting subscriptions from them; and

Whereas, Thereafter and because of said notices subscriptions from stockholders of the Gorham Mfg. Co. to the proposed increased capital stock of the said Silversmiths' Co. were received, together with moneys on account thereof; and also offers to exchange stock of the Gorham Mfg. Co., accompanied in some cases by stock of the Gorham Mfg. Co. for exchange; and

Whereas, Thereafter and on the 10th day of May, 1906, in an action brought in the Circuit Court of the United States for the district of Rhode Island, by George H. Robinson, as complainant against this company and its directors, a preliminary writ in injunction was granted enjoining during the pendency of the action this company from voting or causing to be voted the stock of the Silversmiths' Co. of New York in favor of amending the charter of the said Silversmiths' Co.; or from transferring or causing to be transferred to the said Silversmiths' Co., of the corporate stocks or other assets of this company, and from doing any other acts in consummation of any agreement or scheme whereby the charter of the said Silversmiths' Co. might be amended, or any of the property of this company transferred to the said Silversmiths' Co; and

Whereas, The directors of this company, upon the advice of counsel, have recommended that the plan enjoined be abandoned; now, therefore, be it

Resolved, That the directors of this company be instructed at once to rescind the aforesaid instructions to the treasurer of this company concerning the said Silversmiths' Co.; be it further

Resolved, That the officers of this company are instructed at once to return all subscriptions and offers, together with all moneys and stock received, pursuant to the foregoing notice of May 1, 1906, or under the plan enjoined; be it further

Resolved, That the officers of this company be directed forthwith to deliver a copy of this resolution by mail, or personally, to all of the stockholders of this company, and to the Rhode Island Hospital Trust Co.

CONFIDENCE IN MR. HOLBROOK.

Whereas, A plan of disposing of the share stocks of certain corporations engaged in a business similar to that of this company was heretofore proposed to the stockholders of this company and favorably voted upon by them at their meeting held on May 1, 1906; and

Whereas, An action was thereafter brought in the United States Circuit Court for the District of Rhode Island by Geo. H. Robinson against this company and its directors to prevent the execution of said plan; and

Whereas, It was alleged by the complainant and his counsel in said action that the said plan was devised by Mr. Edward Holbrook, our president, for selfish personal designs or reasons inimical to the best interests of the stockholders of this company, and to the end that he might acquire absolute control of the assets of this company, to the detriment of its other stockholders, and with harm to the corporation itself, and in order that the profits of this company might be diverted and taken from this company and given to some other company to be controlled by him; and

Whereas, We, the stockholders of the Gorham Mfg. Co., have been informed of these allegations and of the other charges and allegations made in said action, and by counsel and by the said George H. Robinson, reflecting upon the intent and purpose of Mr. Holbrook and his fellow-directors; now, therefore, be it

Resolved, That we, the stockholders of this company, hereby reassert our utmost confidence in the ability, integrity and management of this company by Mr. Edward Holbrook and his fellow-directors; also,

That we do not believe any of the allegations made by the said George H. Robinson, or made in said action, or by counsel, so far as we are informed thereof, reflecting upon the intent and purposes of Mr. Edward Holbrook and his fellow-directors in the aforesaid plan opposed by the said George H. Robinson, or in any other wise; also,

That, while we have completely abandoned the said plan, and desire that all steps taken under it be undone, this is not because of any of the charges made in the said action, or by the said George H. Robinson, or by counsel, reflecting in any way upon Mr. Edward Holbrook or his fellow-directors.

Mr. Robinson and his attorney were asked yesterday if they contemplated any legal proceedings to interfere with the sale advertised for the 11th, and they had nothing to say.

Death of Chas. H. Wiegleb.

Chas. Henry Wiegleb, who for 15 years had been in the retail jewelry business in Brooklyn, died July 29 at his home, 894 Broadway, in that borough, of consumption. He had been ill a long time.

Mr. Wiegleb was born in New York, Jan. 14, 1868. For more than 30 years his home had been in the Eastern District of Brooklyn. He was at one time in the employ of F. N. Nauman in New York. In May, 1891, he formed a partnership with his employer under the style of Nauman & Wiegleb. Two years later they dissolved and Mr. Wiegleb continued alone, having his store and home at the same address.

A practical repairer, Mr. Wiegleb understood his business thoroughly, and was a man of excellent habits, who was held in high regard by his associates. He was an active member of the Bushwick Avenue German Presbyterian Church. A widow and son survive him.

The funeral took place Wednesday of last week at his late home, and was conducted by the Rev. Herman E. Schanz, the pastor of the Bushwick Avenue Church.

The store of Louis J. Libbing & Co., 203 E. Main St., Ft. Wayne, Ind., was robbed a short time ago of watches and other miscellaneous stock. The police believe they have a clue to the thief.

"To Protect Legitimate Jewelry Interests."

"To Buy of Houses That Stand Back of You."

These are the dominant issues of a movement which has the support and approval of the jewelry trade of the country.

The W. & S. Blackinton Co. was the first to proclaim its policy of protection for the legitimate jewelry trade. No department store and no mail order house, selling direct to the consumer, can buy our Old Reliable and Globe Filled W. & S. B. ★ Chains.

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Further Statistics As to Importations of Precious Stones for Fiscal Year—Totals of All Ports.

According to the advance sheets from the Monthly Summary of Commerce and Finance issued by the Bureau of Statistics, Department of Commerce and Labor, the importation into the United States of jewelry, manufactures of gold and silver and precious stones in the 12 months of the fiscal year ended with June amounted in value to $42,120,715. Last year the total was $35,065,158, and in 1904 the total was $25,675,429.

Eliminating the item of jewelry and manufactures of gold and silver, the total valuation for precious stones of all kinds, including diamonds, imported in the year ended with June was $40,390,762. In the year ended with June, 1905, the total of precious stones imported was $33,761,506, and in the year ended with June, 1904, the total was $23,626,608.

Some comment is caused by the fact that the total importation of precious stones into the entire country the last fiscal year was only $173,220 more than the total for the Port of New York alone, as indicated by the figures compiled by the jewelry examiner at this port. The total for New York was $40,217,542. For the year ended with June, 1905, there was a similar approximation of figures, the imports for the entire country being only $535,342 more than for the Port of New York alone.

Inquiries have often been made as to why the official figures did not show a greater difference between the national imports and those of New York, as there is a belief in the trade that a considerable valuation of precious stones is imported at other parts, but no official explanation has been made. The figures compiled by Gen. George W. Mindil, the jewelry examiner at New York, are not questioned in the trade. Some people think that the Washington statisticians overlook imports somewhere outside of New York.

It is said that in the last two years the tendency of the Government has been to have all precious stones appraised at New York, even though they are afterward sent to some other port. The reason given is that the facilities for the appraisement of the precious stones are better at this port, services of experts being available here, while it is not practicable at present to keep experts at all the ports at which precious stones may be imported.

The total of the country's imports of precious stones for the last fiscal year exceed those of any preceding year, and this is true also of the diamonds considered alone. The total importation of diamonds almost reached $35,000,000, against $27,000,000 in 1905, $19,000,000 in 1904 and $26,000,000 in 1903, round numbers being given. The total diamond importation for 1905 was the largest until this year.

The following table shows the value of diamonds imported into the United States in the year ended with June, 1906, by countries:

Country.	*Cut.*	*Uncut.*	*Total.*
United Kingdom	$6,964,543	$4,307,811	$11,272,354
France	567,572	5,007,792	5,575,364
Netherlands ...	944,576	10,192,821	11,137,397
Belgium	2,079,136	4,578,361	6,657,497
Germany	....	195,343	195,343
Brazil	5,072	....	5,072
Other countries	18,755	769	19,524
Total.....	$10,579,654	$24,282,897	$34,862,551

In the following table is given the valuation of diamonds and other precious stones imported into the United States in the years from 1896 to 1906:

Fiscal Year.	*Uncut Diamonds.*	*Cut Diamonds.*	*Other Precious Stones.*
1896.....	$113,888	.....	$6,598,527
1897.....	47,865	$1,937,944	686,789
1898.....	2,517,759	4,438,030	2,005,258
1899.....	3,678,266	8,497,284	2,181,034
1900.....	3,891,226	7,890,945	2,455,015
1901.....	6,574,630	11,680,823	2,170,283
1902.....	6,154,853	12,732,670	4,460,702
1903.....	10,933,188	15,574,598	4,971,437
1904.....	8,776,418	10,028,452	4,159,249
1905.....	10,390,917	17,019,530	5,903,484
1906.....	10,579,654	24,282,897	5,384,459

B. H. Schonhoud, Dodge Center, Minn., Goes Into Bankruptcy.

WINONA, Minn., Aug. 1.—Ben H. Schonhoud, a jewelry repairer of Dodge Center, has filed a voluntary petition in bankruptcy with Referee William Burns, in this city. The schedules filed with the petition show liabilities of $1,583.87, and assets nominally valued at $1,783.15, of which stock to the amount of $715 is claimed to be exempt. The principal creditors listed are: The Furstnow Ring Co., Fon-du-Lac, Wis., $213; Kuesel Bros., Milwaukee, Wis., $174; F. L. Bosworth Co., Minneapolis, Minn., $136; the Queen City Ring Mfg. Co., Buffalo, N. Y., $115. All these claims are unsecured.

Mr. Schonhoud has been a practical watchmaker and has done business on his own account for many years. He formerly was in business in Paynesville, Houston, and Mabel, Minn., and came here from the latter place in 1899, succeeding G. P. Filmer.

Jewelry, Silverware, Clocks, Watches and Kindred Lines Exported from New York.

WASHINGTON, D. C., Aug. 1.—The following were the exports of jewelry, silverware, optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Auckland: 17 packages plated ware, $654; 166 packages clocks, $2,444; 2 packages watches, $190.

Berlin: 8 packages clocks, $434.

Bombay: 2 packages watches, $260.

Bremen: 1 package silverware, $250; 2 cases jewelry, $270.

Buenos Ayres: 8 packages plated ware, $770; 2 packages stereoscopic goods, $300; 93 packages clocks, $1,997.

Calcutta: 22 packages clocks, $554; 1 package plated ware, $800; 1 package stereoscopic goods, $139.

Callao: 1 case jewelry, $208.

Colon: 4 packages watches, $1,631.

Genoa: 2 cases jewelry, $750.

Glasgow: 22 packages clocks, $330.

Guayaquil: 1 case jewelry, $360.

Hamburg: 3 packages watches, $1,076; 1 package optical goods, $300; 2 packages optical goods, $735; 2 cases jewelry, $116.

Havana: 2 cases jewelry, $201.

Havre: 2 packages plated ware, $225; 2 cases jewelry, $500; 2 packages clocks, $110.

Iquitos: 1 package watches, $105.

Kingston: 2 packages watches, $160; 1 package watches, $105.

Limon: 1 case jewelry, $222.

Liverpool: 41 packages clocks, $594; 7 packages jewelers' ashes, $7,500; 47 packages clocks, $492; 1 case jewelry, $800; 9 packages plated ware, $305; 1 package jewelers' goods, $100; 15 packages watches, $2,713; 1 case jewelry, $1,000.

London: 1 package goods, $231; 22 packages clocks, $291; 5 packages optical goods, $1,125; 12 packages scopes and views, $600; 3 packages watches, $500; 205 packages clocks, $1,971.

Manchester: 18 packages clocks, $155.

Melbourne: 199 packages clocks, $2,594; 44 packages plated ware, $3,899; 4 packages watches, $1,450; 36 packages clocks, $937.

Oporto: 24 packages clocks, 222.

Para: 13 packages clocks, $383; 4 cases jewelry, $1,566; 3 packages watches, $281.

Rio de Janeiro: 1 package watches, $380; 1 case jewelry, $228; 15 packages clocks, $415.

Shanghai: 127 packages clocks, $2,104.

Sheffield: 6 packages jewelers' sweepings, $4,159.

Valparaiso: 12 packages silverware, $1,280; 51 packages clocks, $880; 1 case jewelry, $570; 1 package stereopticon goods, $105.

Vera Cruz: 27 packages clocks, $288.

Government Bureau Reports Excellent Opportunity to Develop Trade With Santo Domingo.

WASHINGTON, D. C., Aug. 3.—The trade promotion bureau of the Federal Government has prepared some interesting facts and figures about the Republic of Santo Domingo, tending to show the possibilities for the development of American trade in that country. Santo Domingo has an area of about 18,000 square miles, or two-thirds that of the island which it occupies with Hayti, and has a population of about 500,000. Probably no country on earth of equal extent has so many natural elements of prosperity within its borders as Santo Domingo. Its agricultural, mineral and forest resources, although hitherto comparatively neglected, are remarkably varied and important. The total imports of jewelry, including watches and clocks, into Santo Domingo during the calendar year 1905, were valued at $7,299, and were contributed by the following countries: France, $3,588; United States, $1,532; Italy, $1,141.

American manufacturers and producers who are seeking new and enlarged foreign markets would do well to consider the trade possibilities of Santo Domingo. In many lines American manufacturers already control the bulk of the import trade, although in many instances the share could be easily increased. There are a good many reasons why the United States should dominate the trade situation in Santo Domingo. In the first place, American exporters possess a decided geographical advantage over their European competitors. Santo Domingo City, the capital and one of the principal ports of entry, is only 1,535 miles south of New York. Secondly, the transportation facilities afforded by the regular American line and chartered steamers are excellent. Furthermore, the relations, both political and commercial, between the United States and Santo Domingo have long been of the friendliest kind, and the Dominican people welcome the investment of American capital and are ready and anxious to give preference to American products, for there are no tenacious trade prejudices surviving from earlier colonial days for our exporters to overcome in Santo Domingo. American citizens have done more than any other nationality to develop the resources of the country, and American financial investments on the island are relatively very important.

Central Brazil produces 70 per cent. of the diamonds, and Southern Brazil furnishes 99 per cent. of the gold produced in that country.

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MEMORANDUM ORDERS SOLICITED.

Bernard Citroen to Defend Pearl Suit—Importance of the Case to the Jewelry Trade.

Bernard Citroen, of Paris, against whom an action was begun by the Government to recover $110,335 duties claimed to be owing on a pearl necklace which he imported for William B. Leeds, active in railroad affairs and tin plate manufacturing, called one day last week on Assistant District-Attorney F. J. Carmody. The importer said that he would defend the case which Mr. Carmody had begun against him.

Mr. Citroen has retained W. Wickham Smith as counsel. Judge Alton B. Parker, previously retained on that side of the case, is more especially to look after the interests of Mr. Leeds. A bond was given by Mr. Citroen, so that Mr. Leeds is protected from any judgment that the government may obtain. The giving of the bond, also, satisfied the government officials, so that the pearls, delivered some time ago, will not be seized.

In relation to this case a prominent New York importer said to a representative of THE CIRCULAR-WEEKLY that some aspects of the question are not fully understood in the trade. He believes that the questions involved are of unusual importance to New York importers. While the case against Mr. Citroen is particularly strong from a Government point of view, yet he said New York importers are liable to be placed in practically the same position.

"A necklace," said the importer, whose experience began back in the days before the Civil War, "is really not an article of jewelry when it is imported by a man in the trade. We buy in Paris a string of pearls, and when it gets here we may sell it as a necklace just as it stands, or more likely it will be divided, the pearls separated, some of them used here and there. We are constantly adding to and subtracting from strings of pearls. We buy them simply as pearls to use in our business, and I do not believe that the Government should classify pearls imported for commercial purposes as a necklace, even though they are on a string and have a clasp.

"It is easy, of course, for an importer to buy a necklace abroad, to divide it and bring in the pearls on different ships. Or an importer may remove the string, mix up a few other pearls that are not matched or graded with those of the necklace and the entire lot may be imported simply as pearls in their natural condition.

"All these methods are subterfuges. The high-minded importer will not resort to such an evasion of the law, and the result is that the less conscientious dealers have an advantage. The difference in customs duties, of course, is extensive, as the pearls if classified as jewelry are assessed at 60 per cent., while the same pearls classified as in their natural condition are assessed at only 10 per cent. On a necklace valued at $100,000 there is a difference of $50,000, and what a temptation that is for resorting to trickery.

"As to the technical skill in matching and grading and assorting pearls it is of little consequence. That labor does not add five per cent. to the value of the pearls, and everybody in the trade knows it. Quite often the assembling of pearls in a necklace adds nothing to the value, and not infrequently we get more money by breaking the string and selling the pearls separately.

"When a private person who is not in the trade goes to Paris and buys a necklace in order to wear it, a different problem is presented. In that case the necklace is certainly bought as an article of jewelry, and if the buyer brings it back to the United States it is proper enough to assess it at 60 per cent. ad valorem. The intention of the buyer should have everything to do with the decision of the authorities.

"In the case of the Citroen pearls, if the reports are true the necklace was really handed over to Mrs. Leeds in Paris, and even worn by her in that city, but it was sold, as we are told, with the guarantee that Mr. Citroen would bring it safely into this country and pay the duty. If Mrs. Leeds wore the necklace one or more times in Paris, as reported, that may have a special bearing on this case. That would be a circumstance which probably would enter into few other cases. The pleasure of wearing a necklace abroad a few days would scarcely be sufficient compensation for the additional duty amounting to 50 per cent. of the value of the article."

There is, however, another side to the story, which was expressed as follows by an importer who has had considerable to do with customs matters. He said:

"While in theory it may be an attractive idea for those in the trade to differentiate themselves from the buying class, yet in the law there is no such distinction. It would not be to the real interest of the trade to give to the Custom House officers discretion to impose a 10 per cent. or a 60 per cent. duty on the same article, according to the character of the individuals importing it. If the officials had such authority what a field for corruption would be opened! Moreover, few individuals would ever pay higher duty, because how easy it would be for any person importing an article of this kind to get some man in the jewelry trade to assume the importation and thus get the lower duty.

"Even if it were possible to have the law amended so that jewelers would get the benefit of the lower duty on pearls strung in any form, even as necklaces, the ultimate result to the trade would be unfavorable because the doors would really be opened to free competition of foreign jewelers with those of the United States.

"The only plan the law recognizes is for the customs authorities to assess the article and the personality of the importer has nothing to do with the matter. The duty on an article must be the same, whether it is imported by a jeweler or by anybody else. If the jeweler does not wish to pay a 60 per cent. duty on a necklace he should not import the pearls in that form. It is easy for him to so arrange his importations that his pearls will not come in the form of a completed necklace."

A customs officer, who is familiar with the pearl customs cases of recent years, said: "Importers now bring in not only necklaces but brooches and other articles of jewelry by taking them apart. On a brooch the importer pays a 60 per cent. duty on the mounting—a mere trifle—and pays 10 per cent. duty on the stones, which had been removed from the setting, and the value of which may be thousands of dollars. Guns are taken apart and brought here in pieces to get a lower duty, and so with many other articles. Under the decisions, as they now stand, the Collector must assess the articles as they are brought before him, and it makes no difference what form the articles once had or what form they will take after they are delivered to the importer."

In the Citroen case, Assistant District Attorney Carmody will combat the idea that articles may legally be imported in pieces in order to get lower duties.

More Factory Buildings Needed in New York's Jewelry District—Why Some Manufacturers Move to Other Locations.

In speaking of the new buildings that have been erected, and that are to be built in the immediate future in the wholesale jewelry district of New York, several persons in the trade have recently told a representative of THE CIRCULAR-WEEKLY that there is increasing difficulty in getting suitable factory quarters in this section and rents are much higher than formerly. The explanation as given is that the new buildings are generally fitted rather for offices than for manufacturing purposes. Each of these new structures displaces a number of old buildings which have long been occupied at comparatively moderate rentals by manufacturers.

Several concerns have within a few months moved their factories to locations some distance from the jewelry center, and there have been instances of manufacturers giving up their offices in the Maiden Lane district in order to consolidate the office and factory in another section where more room and better light are available at a moderate rental.

One of the manufacturers who recently moved his office from the wholesale district to his factory farther uptown said that he had no doubt as to the trade following him. "Most of our orders," he said, "are booked by our salesmen on the road, and others come by mail. The number of buyers who come to the office is limited, anyway, and they will find us just as well farther uptown as they would in the Maiden Lane district."

Another view was expressed by a manufacturer who maintains his office in Maiden Lane, although his factory is elsewhere. He said: "When a man has built up a large trade it is natural for him to think that he can carry it wherever he goes. He thinks that he is so well known that he cannot be overlooked or forgotten, yet my observation has taught me that even the best known and the most successful are soon forgotten if they move to some out-of-the-way location. I do not believe that many houses will find it advisable just yet to leave this district."

Herbert Hakan has discontinued his jewelry business in Sedalia, Mo.

Elmer Wells has bought the Emery Morse stock of jewelry in Nashua, Ia.

John L. Prince, Ensley, Ala., has sold out.

Ray S. Smith, Eugene, Ore., has gone to Klamath Falls, Ore.

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American National Retail Jewelers' Association Formed.

Jewelers from Many State Associations Meet at Rochester, N. Y., and Organize a Representative National Body.

ROCHESTER, N. Y., Aug. 4.—After two days of strenuous and unceasing work the convention of the retail jewelers of America came to a successful close this afternoon, having accomplished the formation of the American National Retail Jewelers' Association.

The convention was opened at Haines Hall yesterday morning with about 75 State delegates and visiting jewelers present. Max Jennings, president of the American Retail Jewelers' Association, by whom the call was issued for a national convention, called the meeting to order with a few preliminary remarks. Mr. Jennings then addressed the meeting as follows:

ADDRESS OF PRESIDENT JENNINGS.

Gentlemen—I will not at this time make any extended remarks. You no doubt will appreciate the fact that jewelers are educated along a different line than that of oratory, being, as it were, men of works rather than of words, and my case is no exception to the rule. But in calling this meeting to order I cannot refrain from expressing my extreme gratification at this magnificent attendance. We are glad to have so many retail jewelers here in response to our invitation. We are especially pleased at the interest in association work that is being manifested by so many jobbers and manufacturers, and we are glad to have them with us, and in behalf of the A. R. J. A. I extend to all a sincere welcome to this meeting.

Standing here to-day and looking out upon this splendid gathering, far greater than my wildest dreams anticipated, my thoughts go back to another meeting that it was my privilege to attend, and I cannot help but contrast it with this. I refer to the first meeting held to organize a Michigan retail jewelers' association; this was on the 23d of September, 1902. From this small gathering, held at the Hotel Normandie, in Detroit, Mich., at which the greatest number attending any of the three sessions held during the day and evening was 18, has developed our present American Retail Jewelers' Association with its affiliated State associations and a direct membership that extends into every State in the Union. I will not go into detail or attempt to tell of the various changes that have taken place during our process of incubation. These have been exploited from time to time in the columns of the trade journals, and most of you are familiar with them. Nor will I weary you with the trials, the difficulties or the discouragements we have met with; not the mistakes we have made, and there have been many, but we have made no mistakes that we have not been willing to rectify.

We have called this meeting here to-day and invited every retail jewelers' association in the country of whose existence we have any knowledge to send representatives.

We have invited every retail jeweler in the United States to come and participate, and for the express purpose of forming an association that will be satisfactory to all, with all features that can possibly be construed as objectionable eliminated. The American Retail Jewelers' Association has laid the foundation of organization, and now we ask every jeweler in the United States to join hands with us in finishing the edifice. That such an organization will be constructed before this convention adjourns I have not the slightest doubt; that it will be satisfactory to all is my earnest hope, and that it will be productive of nothing but good to the entire jewelry trade is my heartfelt wish. Form an association as strong as we may in numbers we cannot expect any marked degree of success unless our policy is one of reason, not prejudice, and conducted along such conservative lines that will be respected by us all as an association that never asks for anything reasonable, or that we are not justly entitled to; above all, we must be reasonable.

Beyond question, evils have crept into the jewelry trade; you have seen the profits that rightly belong to you diverted to other channels. Every year you have found it a little harder to do business, and you have been obliged to grin and bear it. You have been told by certain manufacturers that their policy was and should be to have all channels of trade open, and they have practically asked you what you are going to do about it. I'll tell you what to do about it. Organize! Organize! Organize an association in every State in the Union; organize one in your own State if there is none now. Get every jeweler in your State into the association, and when 20,000 retail jewelers of the United States are united in one grand association, working together unitedly and harmoniously toward a common end, we will not then be compelled to beg for the consideration that is our just due.

We come here to you from different parts of the country; many of us come from the west, where most of our organization work has heretofore been done. We are glad to be here in this beautiful city of Rochester, famed for her hospitality as well as her business and industrial energy. We of the west are glad to meet our business brethren of the east, and especially of the State of New York, a State so great that if to-day there were nothing more of the American Union than the single Empire State, a man might still be proud to call himself an American citizen. Living as we do in widely different parts of the country it is



MAX JENNINGS, PRESIDENT.

good for us all to get together and exchange ideas; it cannot fail of benefit to us all.

In the name, then, of the American Retail Jewelers' Association I welcome you one and all to this our fourth annual meeting, and I venture to express the hope that we who are already members thereof will profit largely by the presence of you who are not, and that you in turn will come to think so well of us that you will readily unite with us in carrying on the work we have begun.

Secretary Roehm was not able to be present at the meeting, and A. B. Hull, of Belding, Mich., read the report which had been delivered to him by Mr. Roehm. It follows:

REPORT OF SECRETARY ROEHM.

Mr. President and Brother Members of the Trade—It is with pleasure that I submit to you my annual report as secretary of your organization. It will be recalled that when I took upon myself the duties of secretary a year ago the first organization known as the American Retail Jewelers' Association consisted mainly of Michigan jewelers, but we had a considerable scattered membership in closely adjoining States. It will be recalled that the American association was the outgrowth in the first place of the old Michigan Retail Jewelers' Association, which was organized some years ago.

The first duties of the Executive Committee, of which I was then a member, was to devise some means through which we could more effectually develop this organization movement and make it general throughout the United States. We held a successful convention at Detroit, Michigan, at which there were about 250 retailers present. This meeting gave us great inspiration, and was the beginning of the plan of campaign which followed later.

After a great many meetings of the Executive Committee, we decided upon the following policy: It was our plan to develop State organizations in various sections of the country supplementing the American Retail Jewelers' Association. Then, as these various State associations took the work up individually, they could bring about the same results that had been attained by the Michigan organization. In that way the spirit of organization would get a determined hold throughout the various parts of the country. We also provided for the affiliation for membership of jewelers scattered anywhere in any State or Territory in the United States in such States as no local or State Association existed.

In this manner, you see, we propose to give every retail jeweler in the United States an opportunity to affiliate with some organization when there was no local association in his own State. We received valuable assistance in this regard from W. B. Roberson, editor of the *Association Jeweler*. We made full arrangements with the *Association Jeweler*, which journal has regularly supplied us with an office, a stenographer and an entire office equipment. We vigorously circulated the entire United States, and went to work at it with an energy and a vigor that the results have warranted. Our mail amounted every day to from 100 to 200 and 300 letters. Results were gratifying and satisfactory to the most ardent supporters of this organization movement. Mr. Roberson personally undertook much of the heavy work of this campaign to whom this general organization movement is in a great measure indebted.

All of you who have noticed the trade journals, of course, are aware of what a tremendous task this has been. You are also perfectly conversant with the extensive membership roll we have developed which now extends into every State and Territory in the United States. This association movement so vigorously promoted by the American Association has resulted in the general working up of the retail trade along lines of organization. We are confident that the work we have done in this regard has been the means of developing the spirit of organization that now seems to permeate the trade in such a satisfactory manner, but after the work had been accomplished and results were so highly gratifying and satisfactory, there developed certain technicalities in regard to our constitution which we did not in the first place anticipate.

At our special meeting, held last January, at which time we adopted our new constitution and provided for the plans above outlined, we thought we had our constitution about perfect, but experience is the best teacher, and our experience in this regard has taught us that there were many things about our constitution which needed revision, and it is for that purpose that we have invited delegates from every State and local association in the United States to meet with us to-day at this great convention in order that we may discuss with them the best means of developing this organization along strictly national representative lines.

I will try and enumerate some of the things that need revision.

For instance, it is the belief of the Executive Committee that there should be a *per capita* tax paid to the national association by the various affiliated State organizations. The reason for this recommendation on our part is that a jeweler in many instances will say: "I belong to the national association; what is the use of joining the State organization?" This, you see, we did not anticipate. We think that the dues should be separated, and we now believe that the best policy is to provide for a per capita tax. Another thing we wish to provide for is the harmonious linking together of every association in the United States, local and State. We want this organization to be truly representative. We want it to have a head, and we want it to have the various State bodies develop themselves in this organization work. We want every State to have an equal show in proportion to its membership. We want every organization in the United States to be represented in this national organization on a basis that is fair to all and in which there is no prejudice.

In the first place, it was understood by many that the American Association was a sort of Michigan affair. We will have to admit that the American Association was started, promoted and fostered by Michigan jewelers, but why is this criticised? When you stop and consider that some

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one had to make the start; some one had to inculcate these organization ideas; some one had to take upon themselves the responsibility and hard work. If Michigan was the first to do this, if Michigan was the first State to put her shoulder to the wheel and advance the cause of organization throughout the United States, she should be praised rather than criticised for so doing.

But the point is, we as officers and members of the association did not want that organization confined to Michigan alone. We did not want it confined to Pennsylvania, Minnesota nor California nor any other section of the country. We want this organization to be so truly representative that the president may be chosen from Iowa or Massachusetts; the vice-president from California or New York. We want the States to be on such a basis that it is the best man—the man most qualified for the position to hold office. We want to eliminate factional or State support. We want it truly *national*. We want this organization to unite these various associations scattered throughout the country. "In unity there is strength." Why, then, is there any necessity for working separately and apart. Let us get together. Let us join our forces. Let us become a power in the land.

Gentlemen, for these reasons, and *these reasons only*, we have called together the jewelers represented in this convention, and have asked all of the associations to participate in the bringing about of an association of such a character as I have outlined above. In concluding let me express my heartiest sympathy and best good will and my continued hearty support of this movement.

Respectfully submitted,
E. R. Roehm,
Secretary.

The report was approved by the delegates, and Mr. Hull was elected as temporary secretary of the meeting.

An invitation to attend a banquet at the Newport House, on Irondequoit Bay, extended by several manufacturers and jobbers, was next accepted with thanks.

From this moment on the meeting began to become lively. Delegate E. H. Dunbar, of Norwood, Mass., moved that the chair appoint a committee of nine, one only from a State, to retire and draft a constitution and by-laws and some plans for organization. The motion was adopted. Mr. Dunbar also moved that all manufacturers, jobbers and newspaper men be excluded from the session when the report of the committee be read. Strong objections were made by several delegates to excluding the press, and the motion was passed only after a hard fight.

The chairman appointed the following to act on the committee on constitution and by-laws: E. H. Dunbar, Mass., chairman; H. R. Ryman, Texas; J. P. Archibald, Pa.; D. L. Davis, Nebr.; D. G. Gallett, S. Dak.; A. E. Paegel, Minn.; J. W. Jameson, Ia.; A. B. Hull, Mich.; F. M. Strain, Ill.

The committee immediately went into session and the meeting was adjourned until the afternoon.

The afternoon session was opened at about 2 o'clock. Mr. Hull being on the committee still in session, J. M. Radabaugh, of Minnesota, was elected as temporary chairman.

Mack A. Hurlburt was on the programme for an address on "Advertising Value of Jewelers' Show Windows," but he did not appear.

Hon. S. O. Bigney, Attleboro, spoke on "Organization from the Standpoint of the Manufacturer." He said in part: "It is a pleasure to meet, shake hands and look into the faces of men who have made my business a success. I came to get acquainted and see men who are in the same business. There is one road to travel—one road to success. Give each man with whom you come into contact a square deal. Dishonest dealing may succeed for a short time, but in the end it is the honest and fair minded man who goes to the front." Speaking of dishonest dealers in his line of business, Mr. Bigney stated that some persons were placing goods before the market stamped with his name, and selling the same at prices which show on the face of them that the goods could not be as represented. "I will put these men behind the bars at any cost," said Mr. Bigney, "and it is your duty to assist me in bringing these men to justice or in driving them out of the country. Organize and bring these disreputable persons, who are misrepresenting the goods they place before you, to justice. Deal with reputable houses only. Organize to correct evils, right wrongs and teach people that they cannot wrong you. In order to succeed in organization it is necessary to have harmony; let each give way a little. This is a period of organization all along the line. Public sentiment demands fair treatment; public sentiment says that we treat them fairly. You must say in a body that the man is not to be trusted who misrepresents himself or his goods to you."

In conclusion Mr. Bigney spoke of the wrong which is being done to the interests of the country by the importers who buy their goods direct from the workshops in the home of the poor in European countries. "This country does not supply over 50 per cent. of the chains used here," said Mr. Bigney. He upheld the protective tariff and said that only at such a time when the people of foreign countries have come up to our standard of living, education and wages should the tariff be taken away.

At the close of Mr. Bigney's address a letter was read from Hon. E. B. Vreeland, who was scheduled to make an address on "Federal Control of Interstate Commerce," but who, on account of illness, was unable to be present. Congressman Vreeland spoke of his illness, and touched upon the reasons which caused him to introduce the National Stamping Law.

"Organization—Its Difficulties and Its Possibilities," was the subject upon which A. L. Sacket was supposed to address the meeting. After making a few remarks on the same line as Mr. Bigney and stating that the organization should be made a clearing house for difficulties which might arise and a court of justice where the manufacturer might tell his side of the story, Mr. Sacket left his subject and started to abuse a trade journal which had simply stood for its own rights. Mr. Sacket used the opportunity to make a personal attack upon this paper, and was, according to all parliamentary law, distinctly out of order.

Mr. Roberson followed with an address on "The Growth of Organizations," immediately after which Mr. Engelhardt spoke on the evils of the mail-order houses and the injury which they are yearly doing to the retail jewelers.

J. M. Nabstedt, who was on the programme for an address on "Local Association Experiences," was not present, and F. W. Jameson, on account of other pressing business which now was to come before the meeting, did not deliver his address on "A Few Reasons Why We Are Here."

Following the address of Mr. Engelhardt, the committee of nine, which had been in heated session the greater part of the morning and a large part of the afternoon, announced that they were ready to make their report and the press was immediately excluded from the room.

It was learned that during the committee meeting the fight had simmered down to two points—first the name of the association, and, second, relative to the official organ. There were four of the committee who wanted the old name, The American Retail Jewelers' Association, retained, and also the official organ of that association made the official organ of the new association. Four others contested this, saying that the call had been issued for a new organization and not for affiliation with the old association. The chairman of the committee finally went with those in favor of having the name and paper retained and the report was made accordingly, thus practically making the constitution of the American Retail Jewelers' Association the constitution of the new organization. Upon hearing this report the 16 States represented which were not affiliated with the A. R. J. A. one after the other objected to the report. At 5 o'clock there had been no adjustment, and the jewelers adjourned to attend the banquet at Newport until 8.30 P. M.

The banquet was one of the most enjoyable features of the convention. Chartered cars took the jewelers to Glen Haven, from where a steamer was taken to Newport. Supper was served immediately upon the arrival of the jewelers, and it was enjoyed by all. No time was lost in getting back to the convention hall and down to business. On the way back A. C. Graul, president of the Pennsylvania association, entertained the jewelers with a recitation in the German dialect, which was received with much laughter and applause. A vote of thanks to the givers of the banquet was also passed.

The meeting then continued, and until after 11 o'clock motion after motion and amendment after amendment was made only to be turned down or withdrawn. Finally a vote was taken on the adoption or rejection of the report of the committee. The result was that those not affiliated with the American Retail Jewelers' Association carried the day and the report was rejected.

During the meeting the American Retail Jewelers' Association delegates conceded that they would drop the official organ clause if the others would consent to retain their name. This not being agreed to, they asked that they be allowed to have a few moments to consider the matter among themselves. The result was that they refused to come in under another name.

Meanwhile those delegates not affiliated and also two members of the American Association, J. P. Archibald and C. E. Tillson, retired from the room and held a caucus of their own. A. E. Paegel was elected chairman and J. P. Archibald secretary. A committee of three was appointed to call on and confer with the American Association to see if an amicable adjustment could not be made. Both factions then left the hall.

This morning a meeting of the American Association was held at the New Osborne House, and a meeting of the other delegates

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was held at the Whitcomb House. The committee from those favoring a new name and entirely new organization called at the New Osborne House and met with a committee from the American Association. An agreement was finally reached whereby both sides conceded something. It was agreed that the name be changed to the American National Retail Jewelers' Association, and that immediately made harmony. Those from the Whitcomb House invited the American Association delegates to meet with them, and together, with better spirit, brotherly feeling and harmony prevailing, the entire delegation settled down to hard work. The following constitution and by-laws were then adopted:

PREAMBLE.

As there are in the jewelry business many trade evils that should be abolished and many trade abuses that need to be corrected, and we believe that the only way in which these reforms can be brought about is through a well organized and united effort on the part of the retail jewelers, therefore we respectfully ask that the following constitution and by-laws be adopted, and the constitution shall be the fundamental law of this organization.

AMERICAN NATIONAL RETAIL JEWELERS' ASSOCIATION.

CONSTITUTION.

ARTICLE I.

Section 1. This organization shall be known as the American National Retail Jewelers' Association.

Sec. 2. The object of this association is to promote and develop the retail jewelry business of America.

ARTICLE II.

Sec. 1. The officers of this association shall be a President, one Vice-President from each State when organized in a State association, Secretary and Treasurer, who shall be elected by ballot at the regular annual meeting, and shall serve for one year, or until their successors are duly elected and qualified.

Sec. 2. The President, Vice-Presidents and Secretary and Treasurer shall constitute the Executive Committee.

ARTICLE III.

Sec. 1. It shall be the duty of the President to preside at all meetings of the assocaition; to sign all orders drawn on the Treasurer by the Secretary; to appoint committees, not otherwise provided for in this constitution, and to perform such other duties as usually devolve upon such an officer. He shall be the ex-officio chairman of the Executive Committee.

Sec. 2. The Vice-President, first in alphabetical order by States, shall act in case of absence or incapacity of the President.

Sec. 3. The Secretary shall keep a record of the proceedings of all meetings; a complete record of membership; collect all dues from State associations or individual members where no State association exists, and issue receipts for same and pay same promptly into the treasury. He shall also draw orders on the treasury, only when ordered to do so by the association or the Executive Committee. He shall make a full report of his office to the regular annual meeting and whenever required by the Executive Committee, and shall perform such other duties as usually devolve upon such an officer. He shall give bonds at the expense of the association, and in such sum as the association may require. He shall be ex-officio secretary of the Executive Committee

Sec. 4. The Treasurer shall be the custodian of all the funds of the association. He shall issue receipts for all money coming into his hands, and shall pay the same out only on orders drawn by the Secretary and countersigned by the President. He shall make a full report of his office to the regular annual meeting and whenever required by the Executive Committee. He shall give bonds, at the expense of the association, in such sum as the association may require.

Sec. 5. The Executive Committee shall have general charge of and transact business for the association during the intervals between the meetings of the association. They shall have full charge of the work of organizing, and use every legitimate means within their power to extend the association into every State and assist the State associations in attaining a solid organization. They shall cause to be printed a uniform membership certificate, bearing the name of the State where used, the fac-simile signatures of the President and Secretary of said State and the President of this association and a blank space for the signature of the Secretary when issued. These certificates shall be sent direct to members upon receipt of dues. They shall act upon all applications coming from States having no State association. They shall represent the association before any manufacturer or jobber with whom it may be deemed advisable to treat for their business. They shall approve the officers' bonds when satisfactory. They shall provide a place and arrange a programme for the meetings of the association, fill vacancies and perform such other duties as may be required by the association. They may use such funds as they deem necessary, subject, however, to the approval of the association.

ARTICLE IV.

Sec. 1. Membership of this association shall consist of active and honorary members.

Sec. 2. Active membership shall consist of all retail jewelers of America, who, as members in good standing of a supplementary State association or where no State association exists, have been approved by the Executive Committee and have complied with the requirements of the constitution and by-laws governing the association.

Sec. 3. The privilege of voting shall be confined to duly elected delegates from each State association, provided, that when members from unorganized States are in attendance at any meeting the delegates present may seat one from each such States, who will then have all the rights and privileges of a duly elected delegate.

Sec. 4. Each State association shall be enttiled to one degelate for each 20 members or fraction thereof in good standing.

Sec. 5. In absence of a full delegation from any State the delegate present may vote the full number of votes their State is entitled to.

Sec. 6. Honorary members may be elected by a vote of the association, but shall be only because of their friendly attitude toward or because of some special service rendered the association, and shall first be approved by the Executive Committee.

ARTICLE V.

Sec. 1. It shall be the duty of each member to be watchful for cases where either manufacturer or jobber sells or sends their catalogue to any other than a legitimate jeweler, and to promptly report every such case to the secretary of the State association in writing; and if grievance is not promptly removed the secretary shall report to his State representative of the American Retail Jewelers' Association.

Sec. 2. The term "retail jeweler," used in this constitution shall be construed to mean any person, firm or corporation having an established place or business and who make the retailing of watches, clocks and jewelry his principal business, and who is a practical watchmaker or jeweler or regularly employs one, and who maintains a bench for repair purposes.

ARTICLE VI.

Sec. 1. The regular annual dues shall be $1 for each member of State association, payable in advance January 1.

ARTICLE VII.

Sec. 1. The regular meetings of the association shall be held annually in the month of July or August, on such days and in such places as the Executive Committee shall designate unless otherwise provided by the association in regular convention.

Sec. 2. Special meetings may be called at any time by the majority of the Executive Committee.

Sec. 3. At least 30 days' notice of any meeting shall be given by publication.

Sec. 4. Fifteen delegates shall constitute a quorum for the transaction of business, but a less number may meet and adjourn from time to time.

ARTICLE VIII.

Sec. 1. Such by-laws for the government of the association as may be deemed necessary and in conformity to this constitution, may be adopted by the association at any meeting.

ARTICLE IX.

Sec. 1. This constitution may be amended by a two-thirds vote of the delegates present at any meeting.

BY-LAWS.

ARTICLE I.

Seven members of the Executive Committee constitute a quorum to do business.

ARTICLE II.

Meeting of the Executive Committee may be called by the President, and shall be called upon written request of a majority of the Executive Committee at any time, provided that notice of such meeting shall be given in writing at least 10 days prior to such meeting.

ARTICLE III.

The President shall within 30 days after the annual meeting appoint the following committees: Trade Interests, Legislature, Assaying, Membership, Deceased Members, Transportation and Credentials.

ARTICLE IV.

Business Call to order; reading of minutes; roll call; President's address; report of Secretary; report of Treasurer; report of Committee of Credentials; report of standing committees; unfinished business; new business; election of officers.

Following the adoption of the constitution the following officers were elected: Max Jennings, St. Clair, Mich., president; J. M. Radabaugh, Hastings, Minn., secretary; E. H. Dunbar, Norwood, Mass., treasurer, and the following vice-presidents were named from each State: D. L. Davis, Nebraska; S. M. Strain, Illinois; W. B. Ankeny, Iowa; A. B. Hull, Michigan; H. M. Ryman, Texas; L. M. Derby, New York; T. A. Westmyer, West Virginia; F. V. Newhall, Massachusetts; S. Kronholz, Connecticut; R. C. Berneau, North Carolina; D. G. Gallett, South Dakota; H. G. Cook, Tennessee; A. E. Paegel, Minnesota; J. P. Archibald, Pennsylvania; George Yeoman, Georgia; G. Stoessel, Wisconsin.

A vote of thanks was passed to Hon. E. B. Vreeland for his efforts in behalf of the National Stamping law. The meeting was then adjourned until after dinner.

The afternoon session was brief. The new officers of the association took their places and opened the meeting. It was decided to allow the secretary $150 and his expenses per year, and also to put the secretary and treasurer of the association under bonds for $1,000.

In order to meet the expenses incurred for hall hire, etc., voluntary contributions were received from the various trade journals and manufacturers present. Each delegate present also contributing, all obligations were met and the new association started with a clean slate. To bring money into the treasury of the association each State association will be taxed 50 cents per capita, and this will place the association on a good financial basis until the payment of dues goes into effect Jan. 1. The dues were made $1 per year.

It was decided to hold the next convention at Chicago two days before the opticians meet at Kansas City in order to allow those jewelers interested to visit the optical meeting.

Following is a list of those delegates present at the formation of the American National Retail Jewelers' Association: D. L. Davis, Nelson, Nebr.; S. Kronholz, Stamford, Conn.; T. A. Westmyer, Wheeling, W. Va.; Frank Dyer, Caro, Mich.; Fred. Russell, Mt. Pleasant, Mich.; Max Jennings, St. Clair, Mich.; Geo. H. Dunbar, Worcester, Mass.; E. H. Dunbar, Norwood, Mass.; C. E. Tillson, Carrington, N. Dak.; L. M. Derby, Albion, N. Y.; S. M. Strain, Kokomis, Ill.; F. W. Jameson, Ashton, Ia.;

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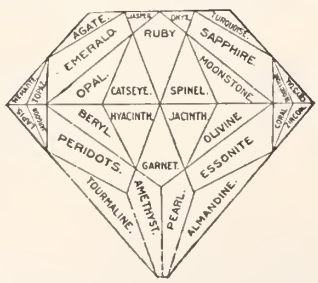
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After the regular session adjourned there was an executive meeting, at which the charge that a manufacturer had paid the expenses of a delegate to the convention was threshed out. At this meeting a representative of a trade paper made the following suggestion to the president: That in the future it would be a good idea for the presiding officer to insist that any manufacturers' representative who is invited to deliver an address be confined in the remarks to the subject on which he was invited to speak. The suggestion was approved.

A number of the exhibitors at the optical convention stayed over Friday and some over Saturday for the benefit of the jewelers' convention. Among those who displayed their wares were: The Rockford Silver Plate Co., Mr. Taylor in charge; the Rockford Watch Co., Rockford, Ill., C. M. Clarendon, representative; Howard Watch Co., Charles H. Tew, representative; Hamilton Watch Co., E. S. Fishback in charge; Jos. Fahys & Co., J. F. Ruth in charge, and the South Bend Watch Co., S. D. Rider in charge. The Rockford Silver Plate Co. gave away some pretty souvenirs in the shape of a little silver-plated loving cup bearing its name and the words, "Stand by those who stand by you."

Jewelers who registered were: Max Jennings, St. Clair, Mich.; D. G. Gallett, Aberdeen, S. Dak.; J. M. Radabaugh, Hastings, Minn.; A. E. Paegel, Minneapolis, Minn.; J. P. Archibald, Blairsville, Pa.; W. J. McKinney & Sons, East Liverpool, O.; D. L. Davis, Nelson, Nebr.; S. Kronholz, Stamford, Conn.; A. C. Graul, Sharpsburg, Pa.; H. N. Wetherby, Clyde, N. Y.; G. R. Simon, Langford, S. Dak.; E. H. Overton, Westfield, N. Y.; H. M. Ryman, Calvert, Tex.; F. M. Prevey & Co., Akron, O.; H. H. Pratt, Fremont, Nebr.; T. L. McWilliams, Irwin, Pa.; J. W. Brown, Astonville, Minn.; F. A. Elmer, Hudson, N. Y.; John Outwater, Lockport, N. Y.; O. C. Betelm, Attica, Ind.; E. F. Renaud, Ia.; E. J. G. Lovett, Titusville, Pa.; O. C. Robinson, Newark, N. Y.; T. G. McConnell, Hancock, N. Y.; T. A. Westmyer, Wheeling, W. Va.; J. G. Harwood Co., Remington, Vt.; W. P. Hamlin, Rochester, N. Y.; W. E. Hamlin, Rochester, N. Y.; C. S. Wiley, Pittsburg, Pa.; N. H. Kearney, Renfrew, Ont.; W. B. Amany, Corning, N. Y.; Elmer Handy, Boston, Mass.; R. C. Berneau, Greensboro, N. C.; A. P. Staley, High Point, N. C.; H. G. Cook, Knoxville, Tenn.; F. W. Jameson, Ashton, Ia.; G. H. Dunbar, Worcester, Mass.; E. H. Dunbar, Norwood, Mass.; S. M. Strain, Kokomis, Ill.; Frank Dye, Caro, Mich.; Fred. Russell, Mt. Pleasant, Mich.; A. B. Hull, Belding, Mich.; E. R. Albaugh, Hillsdale, Mich.; W. F. Doll, New York; Geo. Yeoman, Waycross, Ga.; W. F. King, Jr., Adrian, Mich.; Paul M. Luckwitz, Chicago, Ill.; H. S. Crossman, Hilton, N. Y.; J. J. Ernisse, Rochester, N. Y.; E. J. Scheer, Rochester, N. Y.; C. E.

Shepard, Penn Yan, N. Y.; Jos. Klem, Rochester, N. Y.; C. Ellilian, Harrington, N. Y.; L. M. Derby, Albion, N. Y.; Lewis W. Clarke, Providence, R. I.; Myer Wolf, New York; H. J. Hallock, Wyalusing, Pa.; Fred. L. Swart, Auburn, N. Y.; L. Sunderlin, Rochester, N. Y.; Ellery Handy, Rochester, N. Y.; Wm. Kennedy, Rochester.

There were several more who came after the meeting, and who did not register. Many who came, seeing the meeting was on and that there was liable to be a controversy, left the city in the afternoon to return to their homes. It will be seen that many of those registered did not attend the main sessions.

After the meeting was closed this afternoon a large party of the delegates went to Ontario Beach and spent several hours there. All left for home feeling that everything had been satisfactorily adjusted and that the American National Retail Jewelers' Association would form and shape itself into an organization with which every retail jeweler in the country would be glad and proud to affiliate.

Dayton, O., Jewelers Held for Contempt in Proceedings Growing Out of Their Bankruptcy.

CINCINNATI, O., Aug. 1.—William Grosse and John Kappeler, both former jewelers of Dayton, have been held by the United States Court in this city to await the action of the Grand Jury on a charge of contempt of court in having failed to obey an order of Judge Thompson directing them to turn over to the receiver in bankruptcy certain moneys received from the sale of their interest in stock just prior to the failure.

As told previously in THE CIRCULAR-WEEKLY, a petition in bankruptcy was filed against the firm some time ago by the Jewelers Board of Trade of New York, and the attorneys for the Board, Lenz & Siegler, of Dayton, became the attorneys for the receivers, and started in to make an investigation. According to the evidence which they presented to the court, a short time prior to the bankruptcy proceedings, the stock owned by the firm was valued at about $1,200, and Grosse bought out Kappeler's interest for the sum of $100, giving his note for the same; directly after that he sold the entire stock to B. Shroyer, a Dayton pawnbroker, for $400, paying the note that he gave Kappeler out of the proceeds. The Jewelers Board of Trade claimed that the whole transaction was done for the purpose of defrauding creditors and should be declared void, and the attorneys for the receiver asked for an order compelling Grosse and Kappeler to pay over to the receiver the money that he had received from the pawnbroker.

Through their attorneys the defendants fought this, and Grosse claimed that he was entitled to the money under the homestead exemption act, but the court decided that as the concern was a partnership he had no right to the money. The defendants on the advice of their counsel refused to comply with the order, whereupon they were sought for contempt and have been held until the Grand Jury takes up the case.

It is hinted that certain lawyers whom the court scored very strongly in its decision of this case may also be proceeded against.

Death of Everett B. Bliss.

ATTLEBORO, Mass., Aug. 6.—Everett B. Bliss, for years a successful jewelry manufacturer and known to all the older generation in the trade, passed away suddenly at his home Thursday. He is particularly remembered as one of the firm of Bliss Bros.

Mr. Bliss was at his Peck St. home Wednesday noon, strolling across the yard, when a stroke of paralysis felled him to the ground. He arose and reached the house, but greatly weakened. His brother, Charles E. Bliss, was hastily summoned, and shortly after his arrival a second attack brought unconsciousness. Medical aid was secured, but proved unavailing. The funeral, held at his late home to-day, was wholly private.

Mr. Bliss was nearly 67 years of age, the greater part of his life being spent in Attleboro. He was one of 13 children, and inured to a life of hard work and ambitious effort. With his brother Charles he founded in 1873 the Bliss Bros.' concern, making the name favorably known all over the country. About 10 years ago he sold his interests to his brother and retired to comparative quiet, devoting his principal attention to his large real estate holdings.

He and his brother erected on opposite sides of Peck St. large, handsome and very similar residences, from both of which radiated influences of kindness, charity to the needy, inspiration to younger men and a fine quality of Christian citizenship.

Five years ago Charles E. Bliss followed Everett into retirement from business, but has devoted his leisure to public service in many positions of trust. The manufacturing house they started has been incorporated as the Bliss Bros. Co., in the hands of the younger generation in the family.

Everett B. Bliss leaves a war record of which he rarely spoke, but of which his descendants may well be proud. He was early to enlist in the Union army, and was in a long succession of battles and arduous experiences. He rarely drew attention to himself, but took pleasure in the annual reunions of his old regiment.

Deceased leaves a widow, a son, Milton, in business in Providence, R. I., and a son, Edward, in business in Canada.

Thieves Ransack and Rob Jewelry Store in St. Louis, Mo.

ST. LOUIS, Mo., Aug. 4.—The store of the Remoh Jewelry Co., 814 Olive St., was robbed Tuesday morning of watches and jewelry valued by J. Z. Loevenhart, the owner, at $1,500. The store was entered by breaking the Yale lock which fastened a heavy screen door and climbing through the transom of the main door. The most valuable show cases were emptied, and those with the high price marks were also taken from the show windows. Sixty-six watches were taken, some of them fine railroad timepieces, and 144 rings set with precious and imitation stones. The robbers did not attempt to open the safe.

Dave Friedman, John Powers, Joe Williams and Harry Casey were arrested Thursday night at 10th St. and Lucas Ave. by detectives on suspicion of being implicated in the robbery. Friedman is said to have confessed, saying that he and the Williams boy, with Casey, did the work. He confessed that he had unloosened the screen. The watches, he said, had been pawned or sold by Casey, with the exception of a few which had been retained.

Further Details As to the Robbery of the Trunk of A. Eisenberg, Jr.

GILROY, Cal., Aug. 1.—The value of the jewelry, including watches, diamond rings, brooches and other articles, stolen July 23 from a sample trunk belonging to A. Eisenberg, Jr., of Adolph Eisenberg & Co., San Francisco, was at first exaggerated. The figures are now placed at $6,000 to $8,000. Two trunks were left over night by Mr. Eisenberg in the jewelry store of Harry Frutig, as mentioned in last week's issue. One of the trunks contained high-grade jewelry and the other a cheaper line. During the night the high-grade jewelry was taken, the lock of the trunk being broken. The trunk containing the other jewelry was not disturbed. The back doors of the store were found open. There was no indication of violence in opening the doors of the store.

Mr. Eisenberg reached Gilroy about 9 o'clock at night and had his trunks taken to Mr. Frutig's store, where he and the retailer looked over the samples, the latter selecting a bill of goods. About midnight Mr. Eisenberg locked the trunks and left them in the store. Here they were under the glare of the electric lights, and a watchman made hourly calls, so the traveler believed that the property would be safe.

The fact that the robbers broke the lock of the trunk containing the high-grade jewelry and did not touch the other trunk indicates that they knew what class of jewelry was in each trunk. Mr. Eisenberg believes that he was followed by an expert diamond thief. The police were notified, but have no clue except that a well-dressed but apparently intoxicated stranger was seen peering into the window of the store while Mr. Eisenberg and Mr. Frutig were there.

The A. Eisenberg Jewelry Co. is a member of the Jewelers' Protective Union of New York and the missing property was insured. An officer of the union at New York said that in leaving the trunks over night in a retail jewelry store Mr. Eisenberg had violated one of the rules of the association.

George Porth, Jefferson City, Mo., last week received a begging letter from Spain holding out to the jeweler inducements of a legacy, but asking for a prompt remission of cash. The jeweler, seeing the fraud, threw away the letter and did not part with any of his assets.

J. Jessup & Sons, 952 5th St., San Diego, Cal., will erect in front of their store a handsome street clock 10 or 12 feet high, with three main dials and 12 smaller dials showing the time at various points on the globe. The clock is to strike the quarters, halves and hours.

ADDISON W. WOODHULL, President.
FRANK K. HUFF, Vice-President.
GILBERT T. WOODHULL, Treasurer.
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¶ Be sure and keep us in mind before buying your Fall line of Necklaces and Pendants. We are getting out a nobby line of Necklaces and Pendants set with Baroque Pearls and Colored Stones.

¶ We also have a nice line of Baroque Pearl Rings, Brooches, Collars, Ear Studs, Scarf Pins, Lorgnette and Neck Chains always on hand. Memo. business will receive prompt attention.

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Full Report of Convention of Minnesota Association of Optometrists.

MINNEAPOLIS, Minn., Aug. 1.—The Minnesota Association of Optometrists opened their convention here last Wednesday at 9.45 A. M. Seventy-seven opticians were present when the president, J. W. Brown, called the meeting to order. The minutes of the meeting of last Spring were reviewed, and this was followed by a report of the chairman of the Library Committee, F. E. Straub, who said that an addition of 25 books had been made to the library. A few moments were then given to the discussion of the price list.

A paper entitled "The Correction of the Phorias by Prismatic Exercise" was presented by I. M. Radabaugh. S. B. Millard followed with an interesting talk on "The Repression of Convergence in the Retinoscopic Test."

The morning session was concluded by Dr. Hazen, of Des Moines, Ia., who discussed "The Fixation of the Eye."

The Jewelers' Association occupied the time of the afternoon, and was assembled in another hall. The second session was opened at 7.45 that evening, and the convention considered the list of names which the Board of Directors recommended for presentation to the Governor of the State. These names he was to consider for appointment on the new Board of Examiners in the following January. After this was completed H. M. Hitchcock read a paper on the "Use of Sphero-prisms for Demonstrating Latent Hypermetropia in Near Test." This was followed by M. Morrison, who discussed the topic of diagnosis and correcting lenses to be worn for refractive errors when complicated with heterophoric conditions. His talk was amply illustrated.

Before the evening session was concluded Mr. Millard read the questions which were propounded last Spring, and then answered them. Dr. Hazen finished the evening session. He presented his method of exercising the muscular system of the eyes, for securing proper enervation of the recti muscles, at the same time demonstrating the use and value of his new instrument, the "Kratometer."

The third and closing session of the convention took place on Thursday morning at 10.45. The first paper was read by J. M. Chalmers, concerning "Sphero-prisms in Presbyopic Corrections." A general discussion followed, in which Mr. Fargeman suggested that the papers read at the convention be collected, published, bound and added to the library of the association.

Chairman Hitchcock of the membership committee presented a list of 15 new names. All were made members by acclamation.

A brief paper was read by Mr. Kreuger, and he was followed by Mr. Millard, who read a paper written by E. S. Bugbee. In order that the terms of membership should not all expire at the same time, Mr. Hitchcock suggested that the Legislative Committee endeavor to obtain an amendment to the law at the next session of the Legislature. The meeting was then adjourned.

During the afternoon the two associations went to Lake Minnetonka by trolley, and later stopped at the Tonka Bay Hotel. Here 91 delegates had supper, after which they went home, all satisfied.

New York Jeweler Reports That His Messenger Skipped Out With Stock Worth Over $4,000.

Through the disappearance of the messenger who had been in his employ only two days, Richard V. Hurd, retail jeweler and repairer at 126 W. 23d St., New York, has lost a quantity of rings, watches and bracelets and other articles of jewelry to the value of $4,000 to $6,000. The messenger is Walter J. O'Heill, described as a young man about 24 years of age, who had been employed by the Metropolitan Patrol Co. prior to entering Mr. Hurd's employ. The articles were sent by the jeweler Tuesday of last week to a shop at 75 Nassau St. to be cleaned and repaired.



WALTER O'HEILL.
Missing Messenger Wanted by New York Jeweler.

In speaking of the case to a representative of THE CIRCULAR-WEEKLY, Mr. Hurd said that the newspaper accounts were erroneous in many particulars, and that the facts were in brief these: That he had first become acquainted with O'Heill when the latter was working for the Metropolitan Patrol Co. as a watchman. O'Heill had taken a special interest in looking after the jewelry store, and Mr. Hurd was attracted to the watchman from the first by his engaging manners and his quiet and modest deportment, as well as by his general air of intelligence. The jeweler took such an interest in the man as to give him a ring, prior to employing him, for his work in watching the store.

O'Heill learned that Hurd's messenger was about to leave, and thereupon applied for the position. Though the young man had appeared in every way competent and trustworthy, Mr. Hurd said he was still cautious, and telephoned to Mr. Hess of the Metropolitan Patrol Co.

The jeweler says that the man answering the telephone spoke of O'Heill in the highest terms. "Then," said the jeweler, "I arranged to have the young man bonded before trusting him with any goods. He entered my employ Monday. By an unusual condition of circumstances the repairs as well as the number of articles left to be cleaned were so great on Tuesday that I could not take care of the latter myself, and decided to send O'Heill down to the shop on Nassau St. with all the work. He left the office at 2 o'clock with instructions to leave his repairs and wait for the articles that were to be cleaned and bring them back.

"When 4 o'clock came and he had not returned I telephoned to the shop and learned that he had not been there. Then I telephoned to two or three other places that he might have called at and found that he had not been seen. I went immediately over to his home and learned from the man's family that his character was not of the best and that I had better consult the police, which I did, but it was 6 o'clock before they were able to do any work on the case.

"The pawnshops were immediately searched and an alarm sent out for O'Heill. As he was about to go downtown I had also entrusted him with a draft on the Sub-Treasury for $133, and I learned that this he had cashed before skipping out.

"In sending down the goods to be repaired and cleaned I always make out a list, and I had done so in this case, giving O'Heill a copy and showed him the goods for which he had to wait and also those goods which he might leave. I had not paid much attention to this list, and on first discovering the loss believed that it amounted to only $2,000 or so, but on going back to the store and consulting the list carefully I found that there was a number of Tiffany watches and valuable stone rings which would bring the amount up, at a conservative estimate, between $4,000 and $6,000.

"The value of articles left to be repaired or cleaned increases enormously when they are lost, and I do not doubt that the customers will estimate the value of the stolen goods very much higher, so that I may be called upon to pay several thousands more than the amount that I believe they were worth. I sent a man down to Philadelphia at my own expense to look over the pawnshops there, and will see to it that pictures are sent to the police in other cities, with the quest that the search be continued in all sections around New York.

"Though O'Heill's picture is in the Rogues Gallery, I understand it is not in for previous operations in the jewelry trade, and that he had previously been arrested in connection with the selling of an overcoat or something of that kind."

In relation to the Metropolitan Patrol Co.'s recommendation, one of the daily papers had an interview with an officer of that company, saying that O'Heill had been discharged and that his company had not given him any recommendation. Mr. Hurd said that he telephoned to the company's office and the man at the other end of the wire, who said he was Mr. Hess, recommended O'Heill, and said that the young man had filed excellent recommendations with the company. The investigation of these recommendations, the jeweler said, indicated that they were not genuine, but this he had not learned until too late.

Following is a list of the missing articles:

Cluster ring, 16 diamonds; turquoise ring, 13 diamonds; amethyst pin and an oval band ring; emerald ring, eight diamonds; opal ring, 17 diamonds; opal ring, 12 diamonds; cluster of 12 diamonds and one ruby; nine diamonds and one small ruby in ring; eight diamonds around a topaz; 12 diamonds set around one pearl; gold bracelet with seven or eight pearls; Elgin watch, 18 diamonds in back, in a crescent and star-shape, E. S. B.; movement, No. 8783140; case, No. 205611; small 18-karat open face, Tiffany watch; *fleur-de-lis*, diamond center, rose watch; five stone turquoise ring; single stone emerald ring; two stone opal, set diagonally.

Mr. Hurd has offered a reward of $50 for the arrest of O'Heill. In announcing the reward, Mr. Hurd describes the young man as 5 feet 11½ inches high, having light complexion and smooth face.

Importations at the Port of New York.

Week Ended Aug. 4, 1905, and Aug. 3, 1906.

	1905.	1906.
China, Glass and Earthen Ware:		
China	$183,301	$126,904
Earthen ware	17,488	23,062
Glass ware	43,820	22,511
Optical glass	173	3,742
Instruments:		
Musical	17,566	12,837
Optical	7,886	6,552
Philosophical	3,675	3,616
Jewelry, etc.:		
Jewelry	17,874	24,190
Precious stones	1,023,041	1,068,892
Watches	22,257	....
Metals:		
Bronzes	1,417	2,407
Cutlery	30,283	56,980
Dutch metal	438	6,178
Platina	21,918	73,165
Silverware	160	5,266
Miscellaneous:		
Alabaster ornaments	56	....
Amber	3,225	6,218
Beads	3,821	2,317
Clocks	2,527	3,619
Fans	7,184	2,916
Fancy goods	7,614	10,445
Ivory	675	6,672
Ivory, manufactures of	443	2,315
Marble, manufactures of	3,377	25,671
Statuary	4,720	5,150

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	New York.	London.
July 31	$.65	30 1-16d.
Aug. 1	.65	30 1-16d.
" 2	.64¾	29 15-16d.
" 3	.64⅝	29⅞d.
" 4	.64⅝	29⅞d.

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Mines: MINERAL PARK, ARIZONA.
TRADE-MARK.
Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.
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9½ years with Garreaud & Griser
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12 years with Tiffany & Co.
MINERALOGIST
H. O. DREHER, Vice-President
12 years with Tiffany & Co.
2½ years with Shreve & Co.
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Bankruptcy Proceedings Against James E. Curran, Zanesville, O.

ZANESVILLE, O., Aug. 1.—The retail store of James E. Curran, in business as Curran Bros., 156 Main St., was closed yesterday by Attorney C. T. Marshall, representing the Jewelers Board of Trade, New York, who filed a petition in bankruptcy in the United States District Court at Columbus.

There are more than 90 creditors whose suits are being looked after by the Board of Trade's attorney. The liabilities are roughly placed at $40,000, and the nominal value of the assets $27,000. Pending the appointment of a trustee the Board's attorney is in charge. An auction sale has been in progress for some time, and in this manner the stock has been considerably reduced. Mr. Curran is represented by Attorney E. F. O'Neal.

A writ of replevin was obtained by Arnstein Bros. & Co., New York, to get possession of 32 uncut diamonds valued at $2,500, purchased by Mr. Curran from the concern on July 7. These diamonds were afterward found, according to report received here, in the possession of Smith & Worth, 10 Maiden Lane, New York, who said that they had received them from Curran as collateral security on notes. Deputy Sheriff Burnes, of New York, served the writ of replevin on Smith & Worth, who subsequently gave a bond to the sheriff and were allowed to retain possession of the stones.

Death of John Von Borstel.

John Von Borstel, a salesman in the employ of the Yawger-Demmert Co., 14 John St., New York, died last Sunday while he was on a train approaching the town of Herrington, Kans. Death came suddenly as the result of a stroke of apoplexy.

Mr. Von Borstel left New York only a few days before his death on one of his regular trips, and had arranged to meet Henry Demmert, of his firm, in Chicago yesterday. The two men were to go together to attend the annual convention which the Lake Superior Mining Institute is to hold at Houghton, Mich., beginning today. His employers were shocked by receiving on Monday a telegram announcing his death.

Mr. Von Borstel was 42 years of age. He had been with the Yawger-Demmert Co. for six months, and prior to that time had been for nine or 10 years with G. C. Hudson & Co., North Attleboro, Mass. He was held in high regard by his employers. Speaking of him, Mr. Demmert said:

"He was a remarkably fine man. His ability as a salesman was shown when he came to us, taking up a new line with the utmost facility. Everybody who knows him liked him, and his death will be greatly regretted."

A brother and sister, residing in Brooklyn, survive.

Two squirrels given to E. E. Vincent, Woodward Ave. and Sibley St., Detroit, Mich., when they were a few days old, have been reared by feeding them with milk from a fountain pen. The pets are now a year old, and are highly prized by Mr. Vincent, who keeps them in a cage on the repair desk of his jewelry store.

English Novelties in Jewelry.

NEW DESIGNS IN CHAINS, RINGS AND PINS POPULAR WITH THE FASHIONABLE WORLD OF LONDON.

LONDON, Eng., July 28.—While the supremacy of Paris in matters of feminine fashion is indisputable, English fashions are followed all over the world by the sterner sex, and King Edward VII. is universally acknowledged as the ruler in this domain. Malicious tongues declare that he spends an entire day of each month in the study of new fashions, but such tales are inventions. King Edward is a very innocent individual, not dissimilar to other well-to-do and pleasure-loving mortals; he buys what suits his taste and wears it for a while, until he finds something which pleases him better. The masculine world, however, keeps its eyes fixed upon him, and everything which he chooses to wear becomes at once the height of fashion. It happens that the king has lately worn a good deal of jewelry, probably because he has seen what he likes, and, in consequence, every man of fashion must wear jewelry in abundance.

First comes the "horizontal" watch chain, so called in sport, crossing diagonally from one waistcoat pocket to the other. The king discovered such an article somewhere in Paris, and every jeweler in England hastened to imitate it. These chains are drawn into a buttonhole of the waistcoat, and must grow smaller toward the pockets, so that the greatest thickness is in the center. They may be made of square, oval or round links, or may be woven like a cord. In the center, at the waistcoat button, a few links, or a short piece of chain, hang down, with a ring into which are fastened all kinds of trinkets, or charms. This fashion will doubtless soon be introduced into other kinds of jewelry. The more charms, and the more expensive, the better, and the watch chain bids fair to become for gentlemen what the charm-bracelet has been for ladies, with the added claim of showing the charms to the best advantage.

The newest designs in these charms, carried out in all materials, from the cheapest to the most valuable, are owls' heads with ruby or diamond eyes, hearts of quite large size, with a gem in the center (these intended to hold miniatures); smooth half moons of gold, with engraved mottoes; tiny elfin figures, wearing ruby or diamond belts; frogs or tortoises as large as a thimble, with emerald eyes and engraved backs, and many other similar designs. All these will quickly be imitated by the manufacturers of fancy jewelry, and the fashion may last a year.

Gentlemen are also wearing a great many rings, four or five on both little fingers, but only two on the third finger. The settings are very broad on the upper side, but the rings are thin toward the middle. All broad designs are very popular, but the marquise shapes, as well as stars and round shapes are quite out of fashion. The diamond seems to be the most fashionable stone at present, and next to this rubies and emeralds.

A new design for a lady's ring may be mentioned here, which is already to be found in "talmi" or cheap gold. This is a circlet, hardly wider than a thread, which bears an upright half-moon, quite large and entirely covered with diamonds or other gems. It is shown off to the best advantage by the extreme thinness of the ring itself.

Cravat pins for gentlemen are again in the height of fashion, and the best imitations are made here. The latest fancies are bees of life size, little playing cards—the ace of hearts; all kinds of mosaic designs, tiny lizards, birds of bluish hue and little negro heads, with red lips and sparkling eyes. Fashion has for a long time neglected this ornament, which will now, probably, take a prominent place.

New fashions for pocket pencils are large globular settings, with bands of dull gold and mother-of-pearl around the stem. Sleeve buttons are made of dull gold, and the latest designs are clover leaves, half-moons and dogs' heads. Very pretty silver buttons with black designs are in the form of playing cards, little fans and slippers, the latter especially pretty.

Something entirely new for gentlemen is a portemonnaie or purse embroidered with gold or steel beads, or made of leather and painted. The elaborate gold or silver clasp has an engraved monogram. The manufacturers of fancy articles should be able to make use of this fashion to their advantage. But no metal should be employed which will be injured by the perspiration of the hand, and cheap inlaid work in stones should also be avoided. The stones will soon fall out, and as cheap stones are put into serrated settings, the pocket lining is liable to be torn by the rough edges.

CHASABRAS.

Census Statistics as to Clock, Plated Ware, Jewelry and Optical Industries of Connecticut.

WASHINGTON, D. C., Aug. 1.—The advance census returns for the State of Connecticut show that the manufacturing interests of that State have materially increased during the past five years, the number of establishments in 1900 being 3,382, and in 1905, 3,477; capital has increased from $299,206,925 to $373,283,580, and the value of the products from $315,106,150 to $369,082,091.

Turning particular attention to the clock industry we find that the number of establishments has remained the same, 10, while the capital invested has been increased from $5,065,682 to $6,761,036. The average number of wage earners has increased from 3,929, receiving $1,907,558, to 5,150, receiving $2,600,679. There has been an increase in cost of materials used from $1,825,425 to $1,926,353, and in the value of the output from $4,545,047 to $6,158,034. The industry has changed rank from 16th to 14th in the list of industries.

The centers of the clock industry are Waterbury, New Haven, Bristol, Thomaston and Winsted. Of the various establishments three have products valued at less than $100,000 each, and of these three one has an annual output of less than $5,000. The capital invested in these three establishments was $88,062. Two of the remaining seven establishments have an output of more than $1,000,000 each.

Another large industry is that of plated ware, which, while it still stands 12th on the list of important manufacturers of the State, still has fallen from eighth rank in 1900. The number of establishments has decreased from 26 to 22; the capital invested has been decreased from $13,067,209 to $10,568,502; the number of wage earners from 4,491, receiving $2,293,017, to 3,854, receiving $2,099,247. The cost of material used has also been decreased from $4,679,239 to $3,639,808, while the products show only $8,125,881, as against $9,538,397 in 1900. In this connection it must be remembered that two of the establishments listed in 1900 as manufacturing plated ware, are now manufacturing silver goods. While Meriden still remains the center of the industry there are still important establishments in other places, for instance, Bridgeport, Waterbury, Wallingford, Derby, Hartford, Glastonbury and Danbury.

Of these establishments two are owned by individuals and the remaining 20 are incorporated companies. Of these establishments three have outputs valued between $5,000 and $20,000, with combined values of $26,400; five are between $20,000 and $100,000, with aggregate value of $262,938; 13 have production valued between $100,000, and one over one million, the aggregate value of these 14 amounting to $7,836,483.

Of a total investment of $10,568,502, it appears that $365,546 is in land, $1,151,894 in buildings, $2,614,485 in machinery and tools and $6,436,577 in cash.

Two persons are reported as proprietors and firm members, while 305 salaried employes are carried on the payrolls, who receive $449,736. Of a total of 3,854 wage-earners receiving $2,099,247; of that number 3,235 are men, to whim is paid $1,894,691; 545 women receive $190,941, while 74 children are employed under 16 years of age and who receive $13,615.

The total miscellaneous expense of these establishments was $1,280,223, and the major part, $1,216,225 was for rent of offices and interest; $14,184 was for rent of works, and $40,179 for taxes. Of a total cost of materials used of $3,639,808, the part expended for fuel and rent of power and heat was $72,931.

Two of these establishments are located in Bridgeport, two in Hartford, eight in Meriden and one in Waterbury.

Out of a total of 64 establishments in the State engaged in the manufacture of brass, many are engaged in the work of making parts for clocks. The brass industry, as a whole, is the leading industry of the State.

In addition to the industries already mentioned there are also located in various parts of the State seven electroplating establishments with capital amounting to $14,049, and an output valued at $45,233, and furnishing employment to 42 persons.

Seven jewelry manufacturers have capital amounting to $91,850, of which $3,100 is in land, $3,400 in buildings, $20,350 in machinery and tools.

Three optical establishments have a capital of $34,750, employ 51 persons, spend $19,255 for materials and have an output valued at $67,100. Two establishments manufacture enameled goods, a similar number are engaged in gold and silver refining, and in ivory work, silversmithing and silverware, watch and clock materials; while one each are engaged in lapidary work, pens and watches.

From Mines to Market

THE CAT'S-EYE

There are several kinds of Cat's-Eye, the Common or Quartz variety being known as "Hungarian," and the Chrysoberyl or True Variety as

ORIENTAL CAT'S-EYE

Buy from the Cutters

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EST. 1866.

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Utica.

Labor troubles still continue at the plant of the Wm. A. Rogers, Ltd., Oneida, N. Y. The plant has been shut down for repairs, the company states.

Creditors are opposing the discharge in bankruptcy of Henry Greenman, jeweler, at Richfield Springs. Greenman filed an application for a final discharge, but action upon it has been postponed until the October term of court at Auburn. The creditors who oppose his discharge have been given permission to further examine the bankrupt, and they are also allowed 10 days additional after the examination to file objections to Greenman's discharge.

Referee Comstock has signed checks for a small dividend in the bankruptcy of Samuel Orbach, the missing Utica jeweler. The estate is still tied up in litigation. Orders have been secured directing Orbach to turn over about $16,000 in cash to his trustee, but Orbach's whereabouts are still a mystery. Federal officials have been looking for him in New York, but there is reason to believe that Orbach is now somewhere in the southwest. It is stated that the orders will forever prevent him from coming into this State unless he submits to the jurisdiction of the court and makes defence to the contempt proceedings against him.

There have been no new developments during the week in the Wineburgh diamond robbery. The fact has been established that a bad band of jewelry thieves has been rounded up, but it is believed that no definite steps have been taken toward securing the return of the jewels, a happening greatly desired by Wineburgh & Son. It was stated last week that Bliss and the other thieves would gladly return the jewels to the local firm if they could see their way clear to a light sentence. Ever since W. F. Antemann, Albany, identified Bliss and Young as the men who robbed his store, Bliss, it is reported, has acted different, and it is possible that he may not bring about the return of the Wineburgh diamonds. A warrant has been lodged here by the Albany authorities, and if Bliss and his associates get off easy here they will be up against it again in Albany. Bliss, under the law, is an habitual criminal, and he can be put away for 20 years for the local job. District-Attorney Wills says he will urge the habitual criminal statute against Bliss. An adjournment in the examinations of Bliss and Young has been had until Aug. 21.

Attleboro.

Ernest M. Bliss, of the Bliss Bros. Co., has been visiting at Asbury Park, N. J.

Damon A. White, of D. A. White & Co., is one of a vacation party at Cottage City.

J. Freemont Dean and E. A. Read, salesmen for Reed & Barton, left last week for their circuits.

The growth of Attleboro is the barometer of the prosperity of the jewelry manufactories. The annual assessors' reports just issued shows a town valuation of $11,550,260, an increase of $769,430 in a year.

William C. Tappan, of the D. F. Briggs Co., with Mrs. Tappan, left Thursday for the west, the former combining business and pleasure. They will visit first at Portland, Ore., and before returning will inspect the St. Hellens copper mines.

The W. H. Wilmarth Co. through Treasurer Edward A. Sweeney, has filed the following annual corporation report with the Secretary of the Commonwealth: Machinery, $48,000; cash and debts receivable, $14,332; manufactures and merchandise, $28,640; capital stock, $50,000; accounts payable, $12,040; surplus, $18,932.

North Attleboro.

Ira McGavin returned Thursday from a three weeks' visit to relatives in Canada.

G. Herbert French, Woodbury Melcher, John E. Tweedy and Louis D. Barrows have been enjoying vacations during the past two weeks on the Cape.

A strike among the carpenters has hampered to some extent the additions that are being built to the Riley & French and Frank M. Whiting & Co. factories. It is not likely, however, that there will be any protracted delay.

The various shops with several exceptions that were closed last week to allow the help a vacation resumed work on Monday morning. The exceptions were those located in the Whitney building, where an inspection of boilers took place the first three days.

The employes of the H. F. Barrows Co. petitioned last week for a brief vacation. The men for some weeks have been working until 9 o'clock at night, and felt the need of a rest. The firm acted favorably on the application and the shop closed the first three days of this week.

The Jewelers' Building Association is the name of a new corporation just formed under the laws of Massachusetts. The new association is capitalized for $30,000. Three hundred shares have been issued at $100 each. In the application for a charter William H. Riley is named as president; G. Herbert French, treasurer. The officers and Alton H. Riley are the directors.

Lancaster, Pa.

Harry Sobel, S. Duke St., is selling out his stock to engage in other business pursuits.

Oscar M. Lowrie, formerly of the local firm of Keller & Lowrie, now of Allentown, visited Lancaster last week.

Thomas Fleischer, head watchmaker for Ezra F. Bowman's Sons, has been drawn as a juror for Common Pleas Court.

W. W. Appel has finished moving into his new quarters in the Kepler building, N. Queen St., where he is now comfortably established.

Julius Walters was married last Friday to Miss Mary Harndon, of Philadelphia, and they are now in the south on their wedding trip.

Among jewelers visiting Lancaster recently were C. F. Hinkle, Ephrata; H. H. Miller, Mt. Joy; H. F. Andrews, Strasburg; D. B. Frymyer, Groff's Store; Jacob Fisher, Elizabethtown; Henry Foehl, Columbia.

William Harper, Mayor of Salisbury, Md., who is a member of the jewelry firm of Harper & Taylor, made a business trip to Philadelphia last week, and a side trip to Lancaster to visit friends.

A pair of "sharpers" did a lucrative business in Lancaster early last week selling imitation, flashy jewelry about the city. They were finally arrested by the police for peddling without a license, and were glad to get off with a fine, leaving the city at once.

William Clark, Sharon, Pa., has entered the engraving department of the Ezra F. Bowman Technical School. He is connected with the establishment of D. Edwards, in Sharon, to which he will return. Jerome D. Clark, of Boston, has also entered this school's engraving department.

W. F. Meiskey, of the H. S. Meiskey Co., is on an automobile trip to Gettysburg, Baltimore and Washington. Miss Florence Kern, of the jewelry department of this firm, is spending her vacation at Lebanon, Pa. Thomas C. Mullenberg, F. A. Huber and Charles F. Reisner, of this firm, have started on their Fall trips.

Boston.

Vice-President C. G. Perry, of the Ripley-Howland Mfg. Co., has been at Centre Harbor, Lake Winnepesaukee, for an outing.

William C. Dorrety, of the Washington building, who makes a specialty of emblems, pins and athletic trophies, has added pennants to his line of goods.

H. F. Weiler, of Harwood Bros.' optical department, is away on a fortnight's bicycle tour to New York, the Hudson Valley and the Catskills, with a return via Saratoga and the Deerfield Valley region.

Charles W. Davidson, of the Thomas Long Co., is taking a trip to Maine shore resorts, and F. F. Davidson, of the same company, is in New Hampshire enjoying a season of golf competition, being an ardent devotee of the game.

The business of Andrew J. Lloyd & Co., opticians and dealers in optical instruments, has been incorporated with a capital of $150,000. The president is Louis E. Kirstein, Rochester, N. Y.; treasurer, Richard C. McKay, Medford, Mass.; clerk, John W. Collinson, Wakefield, Mass.

W. H. Sparks, representing the Seth Thomas Clock Co., who has been in Boston during the past week, has been taking a two weeks' auto trip through New England, including the White Mountains in his itinerary, and visiting for both pleasure and business a number of cities en route.

Buyers in town during the week included: Alvin Lawrence, Lowell; W. H. Wiesman, Clinton; O. O. Smith, Nantasket; John M. Young, Onset; Harry Foye, of G. O. Foye & Son, Athol; C. L. Barnard and E. F. Lilley, Milford; Mr. Vaughan, Brattleboro, Vt., and S. A. Maroon, St. Johnsbury, Vt.

The E. Howard Clock Co., Boston, filed last week with the Secretary of the Commonwealth, through Treasurer Edward A. Bigelow, the following annual corporation report: Real estate, $70,578; machinery, $123,341; cash and debts receivable, $31,368; manufactures and merchandise, $86,521; patent rights, good will and trademarks, $25,000; capital stock, $50,000; accounts payable, $3,585; funded debt, $22,000; floating debt, $30,000; profit and loss, $23,223; reserved for depreciation, $80,000.



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LAPEL BUTTONS
FOR THE
"EAGLES"



THE FIRST BUTTON ever devised for the Fraternal Order of Eagles, which in symbolic suggestiveness ranks with the famous elk head button of the B. P. O. E. and bound to become as generally popula with the "Eagles" as the Elk head has with the "Elks." Finely modeled, superbly finished, with or without initials, and made in three sizes.

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Shorthand for
Ring Superiority.

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ODD DESIGNS
IN
HIGH GRADE RINGS



Philadelphia.

Max Einhorn, watchmaker, is spending this week at Atlantic City on a vacation.

Homer Vernon, watchmaker, resigned his position last week with G. H. Homer, Wildwood, N. J.

J. F. Zeller, watchmaker, last week severed his connection with Weber & Bro., retailers, 2219 N. Front St.

George C. Price, watchmaker for the trade, 720 Sansom St., has departed on a vacation trip to Boston by sea.

H. W. Asquith, a Germantown watchmaker, is reported to propose opening a store of his own soon in Fox Chase.

Louis Stern, jobbing jeweler, welcomed home his wife and daughters last week from an extended trip through Europe.

F. B. Wallen, 405 Broadway, Camden, N. J., spent a few days last week with his parents at the old homestead in Bridgeton, N. J.

W. B. Wallace, Jr., has resigned his position with C. W. Bixler & Co., Easton, Pa., and is reported to be planning to enter business in this city.

Ed. Sickles, of M. Sickles & Sons, moved his family last week to Atlantic City for the remainder of the Summer. Harry Barry leaves next week on a vacation trip.

Articles of incorporation were granted last week to the Cynosure Call Clock Co., Scranton, by the State authorities. The capitalization is stated to be $50,000.

Joseph Loeb, a Reading, Pa., jeweler, was among the visitors to the wholesale trade here last week. Other retailers buying goods were Gus. Lanz, Norristown, and David H. Krause, North Wales.

Simon Reece, who is charged with having robbed Joseph H. Deschamps, 7th and Chestnut Sts., of $1,902 worth of diamonds, but who was captured in London and brought back under arrest, was arraigned for trial in the Criminal Court Monday.

Bernard Italie, of the Koshland & Italie Co., 702 Chestnut St., recently returned from a 10 days' trip to New England and Nova Scotia. Chas. Koshland, of this company, has been away on a fishing trip along the Susquehanna. The company is giving all the employes a vacation.

J. A. Large, who closed out his store in Parkersburg, Pa., recently, contemplates opening a store in West Philadelphia, which section, on account of its rapidly increasing population and the prospect of subway and elevated transportation facilities, is a tempting field for retail jewelers.

The city police have been unable to locate and arrest the man who recently threw sand in the eyes of S. Cohen, a retailer, 151 N. 8th St., while pretending to intend buying a watch and taking advantage of the jeweler's temporary physical discomfiture, made off with $18 worth of jewelry.

Alphonso Nichols and Louis Tenant were held in $800 bail each for court Thursday morning by Magistrate Mackin, charged with stealing watches from the jewelry store of Isaac Brodes, 1737 South St. It is charged that the prisoners entered the store and asked to see some watches. When they were shown, the men helped themselves and fled. Brodes followed them and caused their arrest.

Samuel Reed, at one time a prosperous jeweler of Reading, Pa., but who lost all his money and finally was reduced to the necessity of doing odd jobs around a saloon at 19th St. and Columbia Ave., for a living, was arrested last week charged with being involved with other men in a conspiracy to forge stamps of the Crown Trading Stamp Co. Reed was held in $5,000 bail for a further examination to ascertain his culpability. A dissolute manner of living is believed to have reduced Reed to penury and finally to influence him to associate with frequenters of saloons, leading to his downfall.

The funeral of Percy Whitechurch, of the G. S. Lovell Clock Co., who died of Bright's disease, as told in the last issue of THE CIRCULAR-WEEKLY, took place Wednesday from his late residence, 2318 Park Ave. Services were held at the house and at the Cynwyd Protestant Episcopal Church. Mr. Whitechurch, who was born in this city in 1854, was the son of Robert Whitechurch, a widely-known engraver. Upon the death of his brother-in-law, G. S. Lovell, head of the clock firm, Mr. Whitechurch became associated in the business, and for many years had been treasurer of the company. An accident he met with some years ago superinduced the disease to which he succumbed. A widow and one daughter survive him.

News of the drowning of Dr. John M. Scott, president of the Penn Smelting & Refining Co., 901 Filbert St., while canoeing last Tuesday, over the Deux Rivieres Rapids, in the Ottawa river, about 100 miles from Ottawa, Can., was received with deep regret by the trade of this city, to whom Dr. Scott had become well known and much liked during his active management of the smelting establishment. It is reported that Dr. Scott was accompanied by his nephew, Dr. William Cram, of McGill University, and together they planned to paddle from Mattawa to Montreal. Just how both lost their lives is not known, and only the upset canoe, with camera and umbrella under it has been found. The bodies are still missing. When his partner retired from the smelting firm several years ago, Dr. Scott assumed active management of it, entirely abandoning his medical practice. It was during this period that he became so well acquainted with the wholesale jewelry trade of the city. He was 48 years old and is not known to have left any members of an immediate family.

New Orleans, La.

E. L. Claudel, optician, will remove his establishment from 121 Carondelet St. to a building in Canal St. early in the Fall.

T. J. Vorhaben & Bro., 809 Baronne St., are contemplating making great improvements in their store for the opening of the Fall trade.

Gabe Hausmann, of T. Hausmann & Sons, will return from a trip to New York and other cities of the east next week. Mr. Hausmann writes that he has had a very pleasant trip, and incidentally has purchased extensively for the firm's Fall and Winter stock.

Coleman E. Adler, who has spent a fortnight in New York and Boston, superintending the starting of work on the magnificent $10,000 silver service which is to be presented to the battleship *Louisiana*, returned to the city a few days ago brimful of interesting news. Mr. Adler made his report to the Progressive Union Committee, and said that work had been started and that the service would be ready on time for its presentation. Mr. Adler says that the tray was cut out of a solid piece of silver 46 inches in diameter.

Pittsburg.

Miss Mary Kirby, Marietta, Pa., has moved from 290 Front St. to 154 Front St.

The tenth annual convention of the Retail Merchants' Association of Pennsylvania will be held at Erie, Aug. 21 to 23.

James Gibbs, Wellsville, O., is preparing to move from Main St., near 13th, to the new Russell block in Main St., near 5th.

J. F. Murphy, Dawson, and J. Linnenbrink, Rochester, were among the out-of-town merchants who last week visited this city.

Henry A. Barrett, of the George B. Barrett Co., who has been seriously ill, visited the store last week, the first time for several months. He is by no means a well man. Miss Maud Beacom, bookkeeper, of the same house, is seriously ill.

J. W. Wellman, Moundsville, W. Va., has bought the McCarrier property in Jefferson Ave., between 3d and 5th Sts., and is remodeling the buildings. One of the stores will be occupied by Mr. Bissett, who will carry a full line of jewelry.

The Merchants and Manufacturers' Association will tour West Virginia some time in September, the date not yet having been set. This will make the seventh trade extension tour the members of this organization have conducted. An inbound excursion is also being arranged for in October.

C. L. Baird, Fairmont, who has sold out his business to A. B. Scott, who has been with L. L. Peddinghaus' jewelry house at Marietta, O., and his wife, were in Pittsburg last week. Mr. Baird intends leaving this week for Colorado, where he will locate permanently. He has not decided in what town he will locate.

P. C. Gillespie, of Gillespie Bros., who went to Amsterdam, will return a week earlier than he expected, owing to the accident to the *Deutschland*, which vessel has been put out of commission for two months. F. F. Lang, of Gillespie Bros., and Mrs. Lang leave this week for Rye Beach, where they have a cottage, and will spend several weeks there.

E. A. Stevens, employed by W. W. Warrick, 6109 Penn Ave., is telling how he missed getting $300 for the capture of the mysterious Mr. Raffles, the *Chronicle Telegraph* offering that amount to any one who will catch him. Raffles was in the Warwick store twice, and shortly after the mysterious stranger left the second time it dawned on Stevens that he had talked to him.

The Bradford Business Men's Association has been organized with a membership of 100. The Business Men's Exchange of DuBois was also organized recently with a membership of 89, and its first act was to send out notification to the merchants of 217 delinquents in that town whose credit is not of the best. A number of these organizations have been formed in western Pennsylvania towns during the last month.

GORHAM SILVER

AN INVITATION

¶ Last week the attention of the jewelry trade was directed to the approaching visits of the Gorham traveling representatives.

¶ To those members of the trade, however, who have in contemplation a visit to New York, a most cordial invitation is extended to visit the wholesale salesrooms in the Gorham Building. Here they will find displayed samples of the most attractive new goods for the Fall and Holiday Seasons, upon which the Company's force of accomplished silversmiths has been busily engaged for many months past.

¶ The result is seen in the most extensive assortment, comprising the greatest variety of silverware that has ever been gathered together in one establishment, the prices being as low as is consistent with the character of the goods offered.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

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CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
THE HOROLOGICAL REVIEW.
WITH WHICH ARE INCORPORATED THE JEWELERS' WEEKLY THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY
THE JEWELERS' CIRCULAR PUB'G CO.,
11 JOHN ST. COR. BROADWAY, NEW YORK.
TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWLAR NEW YORK

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

Page.
A Silver Service of the Early Roman Period.—Illustrated on front cover; text on page 42
Dr. Geo. F. Kunz's Report on Precious Stones —(Continued) 41
Death of John McNeal..... 42
Gorham Mfg. Co. to Sell Affiliated Companies 43
Death of Chas. H. Wiegleb..... 43
Further Statistics as to Year's Importations of Precious Stones..... 45
B. H. Schonhoud, Dodge Center, Minn., Goes into Bankruptcy 45
Jewelry and Kindred Lines Exported from New York 45
Government Bureau Reports Excellent Opportunity to Develop Trade with Santo Domingo 45
Bernard Citroen to Defend Pearl Suit..... 47
More Factory Buildings Needed in New York's Jewelry District 47
American National Retail Jewelers' Association Formed at Rochester, N. Y.....49-54
Dayton, O., Jewelers Held for Contempt..... 55
Death of Everett B. Bliss..... 55
Thieves Ransack St. Louis Jewelry Store..... 55
Details as to Robbery of Trunk of A. Eisenberg, Jr. 55
New York Jeweler Reports Loss of $4,000 by Absconding Messenger 57
Full Report of Convention of Minnesota Optometrists 56
Imports at New York..... 57
Bankruptcy Proceedings Against James E. Curran 58
Death of John Von Borstel..... 58
English Novelties in Jewelry..... 59
Census Statistics as to Jewelry, Clock and Kindred Trades in Connecticut..... 59
Death of William H. Peckham..... 71
Suit of Rutherford *vs.* H. A. Kirby Co. Settled 71
Popular Talks on Law—(Continued)..... 81
Patent Department 83
Full Report of the Ninth Annual Convention of the American Association of Opticians 91-105
Interesting Objects at the Recent Horological Exhibition in Nuremburg..... 106
Watch Repairing—(Continued) 111
How the Jeweler Can Meet the Competition of the Mail-Order House..... 116
A Representative Jewelry Establishment of Little Rock, Ark..... 117
The Ability to "Describe the Goods" in an Advertisement—The Distinct Uses of Inferential and Explicative Advertising..... 118
"Good Will" from Advertising..... 119
What Some Jewelers Say..... 119
The Collecting of Old Glass..... 123
Moritz Kann Collection Not to be Sold..... 123
Some Interesting Facts About Topaz..... 125
English China and Pottery Among the Wedding Presents to King Alfonso and His Bride 125

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

Two Important Conventions Compared.

TWO great conventions, the most important and interesting of the entire year from the standpoint of the retail jeweler, were held at Rochester, N. Y., last week, and a study of the reports of these gatherings, which appear in detail in other parts of this issue, is well worth the time spent by members and non-members alike. While they differed greatly in the amount of members attending, one was as important as the other to the branches of trade which they represented.

The first and largest convention was that of the American Association of Opticians, which began July 30 and ended Aug. 2. At this gathering it has been stated nearly 1,000 opticians, their wives and friends, including those who came from the jewelry trade around Rochester, participated in one form or another, and there is no doubt that this was the greatest as well as the most instructive and progressive convention that the optical trade has ever seen. Harmony was the keynote, and the work, carried on with celerity and dispatch, was interesting from the beginning to the end. The papers read gave food for thought to practically all who attended, and there is not a man or woman who followed the proceedings, either in whole or in part, who was not benefited by attending. While no radical changes were made in the organization as has been often done in recent years, work on the old lines was established on a better basis, and the organization put in a position where it can do greater good for its members in the trade at large than it ever could before. In selecting the heads of the two branches—the association itself and the Physiological Section—the members seem to have chosen wisely and put both branches into the hands of young and progressive members of the profession who have the studious character well developed and are at the same time men to whom the uplifting of the optometrical profession is an aim to which they are willing to give time and attention. Truly the optometrists throughout the country, whether members of the organization or not, will be greatly benefited by the convention just closed.

The second convention—that of the American Retail Jewelers' Association, which ended in the formation of the American National Retail Jewelers' Association—though small in the number of those who attended, represents the culmination of a movement to have the trade in a position to speak for itself as a whole through one national body, which has been long desired by retail jewelers in all sections of the United States. Though slight differences occurred among delegates at the beginning, as to certain aims, objects and features connected with the organization, these were finally amicably settled and the new organization starts out in excellent shape and is probably stronger for the controversy which marked the start than it would have been had it not occurred. The questions fought out and settled were bound to come up at one time or another, and it was better to have them settled at the beginning than remain as an issue around which factional fights might wage within the association at a later date. The American National Retail Jewelers' Association will have affiliated with it not only those State organizations which were formed under the auspices of the old American Retail Jewelers' Association, but also a number of new organizations formed within the last few months.

The jeweler who attended both conventions might almost consider that he was looking at a picture of "the present" and "the future," for the American Association of Opticians when formed less than a decade ago in New York had a representation little or no stronger than that of the jewelers' association just formed, nor did the reason for its being appear anything like as strong to the optical trade as does the condition which called forth the national organization among the jewelers. Pessimists there were in plenty who predicted for the American Association of Opticians a life of but a few years, while many others believed that if it did continue it would do so as a paper organization and not one of force and vitality. How different has been the result none but those who attended the Rochester convention can fully appreciate, for if ever there was a strong, vital, forceful organization capable of doing good for its trade, it was that which President Clark called to order on the evening of July 30.

Equally as good, if not better, are the chances for development in the American National Retail Jewelers' Association, which as an infant starts off with the affiliation of State societies which the optical association did not attain until it was partly grown. Equally as good, if not better, is

ON MEMORANDUM



CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

48 Rue de Mesiay, PARIS *Telephone, 2188 Cortlandt* *17 Maiden Lane, NEW YORK*

PRESS DOWN THE TIPS WE'VE DONE THE REST

THE PEOPLE'S CHOICE—THE ARCH CROWN

Wire Ring Arch Crown Mountings, with completed Bearings, as illustrated below, are decidedly pleasing in appearance, besides being popular in price. In your repair department, where often stones must be quickly set, they fill a genuine want, which is both satisfying to you and to your customer. SAMPLE CHEERFULLY SENT ON REQUEST.



Arch Crown **WIRE RING MTGS.** Popular Prices

Cross & Beguelin, New York. Kossuth Marx Jewelry Co., N. Y. D. C. Percival & Co., Boston. Jos. Noterman & Co., Cincinnati. Schrader-Wittstein Co., Chicago. Leonard Krower, New Orleans. Chas. Wathen & Co., Denver. Elsenstadt Mfg. Co., St. Louis. M. Schussler & Co., San Francisco.

Arch Crown Mfg. Co.
Orchard & Camp Streets
NEWARK, N. J. U. S. A.

its chance of obtaining members among the jewelers, as there are not only more jewelers than opticians in the country but the desire for organization is far greater among the former than was shown among the latter when its national association was first formed. Well it was that both conventions were held in the one city in the same week, if for no other reason than to afford the jeweler-optician an opportunity to perceive clearly and distinctly what the future might have in store for the latest comer in the ranks of national trade organizations.

Precious Stone Importations During July.

THE sceptics who entertained any doubts as to the continuance of the enormous increase in the demand for diamonds in this country of late cannot but have had such doubts absolutely removed by the statistics that have been made public by the Treasury Department and its branches in the past few months. As if to settle the question beyond doubt, the report of the Appraiser of New York, made public last week, shows that notwithstanding the great records made in the importation of gems at this port in the first half of the year, the month of July surpassed them all as well as every other total for July recorded in previous years. Not only in the aggregate amount for all stones do the figures stand far ahead of any other year, but the totals of both uncut and cut precious stones are decidedly of the record-breaking variety.

According to the report of Gen. Geo. W. Mindil, last month's gem importations amounted to $4,739,996.73, or more than three-quarters of a million above the record figures of the previous July, while the amount of the cut precious stones and pearls was $3,676,926.35, or half a million more than last year, and the value of the uncut stones, principally diamonds, $1,063,070.38, or about $200,000 more than a year ago.

A comparison of the value of precious stones imported at New York during July for the past nine years may be had from the following table:

July.	*Cut.*	*Uncut.*	*Total.*
1906.....	$3,676,926.35	$1,063,070.38	$4,739,996.73
1905.....	3,149,735.89	843,096.01	3,992,831.90
1904.....	1,368,154.14	811,797.22	2,179,948.36
1903.....	1,464,147.60	700,608.00	2,164,755.60
1902.....	2,143,805.58	511,071.07	2,654,806.65
1901.....	2,355,389.61	189,010.43	2,544,400.04
1900.....	1,482,781.05	618,043.57	2,100,824.62
1899.....	1,815,649.28	578,719.66	2,394,368.94
1898.....	1,640,469.25	491,525.99	2,131,995.24

Trans-Atlantic Voyagers.

FROM EUROPE.

Ludwig Nissen, of Ludwig Nissen & Co., New York, returned yesterday on the *Blücher*.

S. Cohn, of S. Cohn & Co., New York, returned last week on the *Kaiser Wilhelm der Grosse*.

Henry H. Jacobson, of Jacobson Bros., New York, returned last Saturday on the *Philadelphia*.

Ed. H. Nordlinger, of H. Nordlinger's Sons, New York, arrived yesterday on the *Zeeland*. On the same boat came L. Herzfelder, representing David Mayer, New York.

New York Notes.

J. M. Keller is no longer connected with M. J. Averbeck, 19 Maiden Lane.

Bernard Karsch, 641 Eighth Ave., was sworn in as foreman of the Grand Jury for New York County on Monday.

H. Bolotin, 41 Maiden Lane, found a pocketbook last week and will return it to the owner on his proving property.

Sept. 1, Alfred H. Smith & Co. are to open their uptown branch at 475 Fifth Ave., over the Farmers' Loan & Trust Co., close to the corner of 41st St.

Harvey Galliger, 251 Fairview Ave., Queens Borough, who said that he was a jewelry salesman, last Saturday caused the arrest of Jacob Greenburg and Isaac Lewis, accusing them of stealing a gold watch from him.

Henry Demmert, of the Yawger-Demmert Co., 14 John St., left New York yesterday for Houghton, Mich., to attend the annual meeting which the Lake Superior Mining Institute will hold in that city to-day, Thursday and Friday.

C. H. Church, who was with the New England Watch Co. for several years, and later with C. G. Alford & Co., is now representing M. B. Bryant & Co. in the eastern States, a position long held by Frank W. Harmon, who died in May last.

John C. Reis, formerly with Oskamp, Nolting & Co., Cincinnati, O., has accepted a position with M. J. Averbeck. He will represent Mr. Averbeck in Pennsylvania, Virginia, West Virginia, Maryland, New Jersey and part of New York State.

The Charles A. Hetzel & Son Co. was incorporated last week to manufacture articles of ivory, celluloid, ebony and mother-of-pearl. The authorized capital stock is $25,000. The incorporators are Chas. A. Hetzel, Garry W. Munson, Mt. Vernon, N. Y.; Wm. L. Meffert, 1920 Anthony Ave., New York.

Oct. 1 is the date on which the new Alvin building on the northeast corner of Fifth Ave. and 35th St. is to be ready for occupancy. The Alvin Mfg. Co. will take possession of the store and basement, and it is expected that a number of jewelry concerns will lease offices in the upper stories. The building is across the street from the new Altman structure.

A new plan of dealing with retailers in relation to cash discounts has been put into effect by the L. E. Waterman Co., Ltd., Canada. After this the purchaser who waits the full 30 days or so and then on paying the bill deducts the cash or the 10 days' discount, will not have any discount allowed him when the next bill is sent. The business of the company in the United States is not affected.

A new company, which is to manufacture diamond mountings, etc., was incorporated last week under the style of the Merker-Weinreb Co., with an authorized capital stock of $5,000. The incorporators are Philip Morris, Jersey City, N. J.; Morris Wollner, 210 Wooster St.; John Stone, 104 West 144th St.; Joseph Cohn, 55 E. 105th St., all of New York; Samuel Markheim, 753 De Kalb Ave., Brooklyn.

One of the recent attractions in the window of the L. E. Waterman Co., 173 Broadway, was a pen-and-ink picture drawn by Bertram Hiles, the "armless artist." Another picture shows Mr. Hiles at work with a pen in his mouth. Last week the company's windows contained the prizes that are to be awarded at the Baby Show, to be held at Asbury Park. The articles included silver loving-cups modeled in various shapes and sizes.

In giving a column sketch of Police Sergeant John Dulfer, of the Brownsville Station, in Brooklyn, the *Times* of that borough recalls the fact that he began life as an apprentice in the jewelry factory of Buckingham, Cole & Hall, 10 Maiden Lane. While working in the jewelry business he frequented a gymnasium and obtained a training which enabled him to succeed in an acrobatic and circus career extending over a number of years before he entered the Police Department.

Louis C. Tiffany, of the Tiffany Studios and Tiffany & Co., is among the property owners at Oyster Bay whose walls and piers stretching across what is called the Shore Road, have been the cause of some excitement in that town in the last week. The Highway Commissioner of the town, assisted by a gang of laborers, has torn down portions of the walls and piers, claiming that they obstruct a public highway. The property owners claim that their land extends to the water's edge.

Fred. Goldsmith, of Ingomar Goldsmith & Co., in writing to THE CIRCULAR-WEEKLY from the concern's headquarters in Amsterdam under date of July 25, states that never before in his experience in the diamond market, covering over 20 years, has he seen so many diamond buyers in the market, both from the United States and from the countries on the continent and England. All grades of goods suitable for the American market, he says, are continually rising in price, and even at the advanced rates dealers have difficulty in getting what they want.

In the August number of the Bulletin of the Metropolitan Museum of Art there is mentioned the recent acquisition of a set of Greek jewelry purchased with the income of the Rogers fund. This collection has been placed on exhibition in the gold room. It includes a diadem, necklace, pair of earrings, finger ring, seven rosettes of small flowers and 19 beads from a necklace. All these pieces are of pure yellow gold of the quality used by the Greeks in making coins and in making their higher grade of jewelry. It is believed that the articles date back to the middle of the fourth century, B. C. Experts have said that the articles in this collection exhibit a perfection of workmanship surpassing similar examples in most other collections.

J. M. Lyon & Co., 71 Nassau St., last week caused the arrest at Cincinnati, O., of C. A. Pummel, accused of using the mails for the purpose of obtaining fraudulent possession of a diamond ring valued at $150. The company some time ago received an order signed with the name of Ed. F. Chandler, Dayton, O., asking that the ring be sent to him, and giving references. The ring was forwarded by express and the express company collected $25, the first instalment. When the jewelers sent after the second instalment Mr. Chandler said that he knew nothing about the ring, and that the order and the receipt for the ring must have been forgeries. The postal authorities co-operated with the jewelers in trying to ferret out the swindler. Mr. Chandler was closely questioned, and finally said that the only man he knew who was sufficiently familiar with his affairs to give the references was Pummel. The latter had been employed at Dayton some time before. The arrest followed. Victor Cohen, the manager of the department which booked the order, will go to Cincinnati to appear Friday, when the trial will take place.

Rawson L. Wood, of J. R. Wood & Sons, who was the receiver of Edelhoff Bros. & Co., former retailers at 574 Fifth Ave., was this week appointed trustee in bankruptcy. This was the outcome of a meeting of creditors held in the latter part of last week. At the creditors' meeting the trustee of the estate of Schickerling Bros. & Co., also in bankruptcy, presented a claim for $52,000, representing a contingent liability on notes passed along by the Edelhoffs to the Schickerlings. James Talcott presented a claim of $37,000 based in part on the same notes. Mr. Wood was nominated for trustee, and received votes representing $90,000 in indebtedness. A representative of Thomas & Oppenheimer nominated A. H. Skillin, who also received votes representing about $90,000 in indebtedness. Objection was made to the validity of claims voted on both sides. The refcree, F. K. Pendleton, took time to consider, and Monday announced Mr. Wood's appointment. The cash in the receiver's hands is about $30,000. If all claims should be allowed the creditors would receive dividends not exceeding 15 per cent., it is figured.

While Harris Ress, 219 Nassau St., Brooklyn, was in a room back of his store last Saturday he heard a noise and he saw a boy about 16 years old, who had opened the show case near the door and was helping himself to watch cases. The jeweler made a rush for the store, and the boy ran out after grabbing three watch cases valued at $32. For several blocks the boy led the jeweler a rapid chase and proved the better runner. A crowd had joined in the chase, however, and Policeman Donlon, of the Greenpoint Ave. station, hearing the noise, jumped off a trolley and stood in the way of the fugitive. The policeman put out his foot and the youth fell sprawling on the sidewalk. Later the prisoner was arraigned in the Manhattan Ave. court, where a charge of larceny was made against him. He said that he was Richard Sharer and lived at 163 Norman Ave. The police said that they found the stolen watch cases in his possession when they searched him at the station. A clothing dealer, having a store near the jeweler, accused the boy of stealing a suit of clothes. Sharer was held for further examination.

Dr. Geo. F. Kunz, of Tiffany & Co., says that he has no knowledge of a new concern, the organization of which is reported in California papers. Among the names of incorporators mentioned in these papers is T. F. Kuntz, and the papers say that kunzite was named after him. Dr. Kunz is not willing to relinquish the honor of having kunzite ascribed to him as the discoverer, as nobody has ever before disputed it. He

(*New York Notes continued on page 71.*)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

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THE MERCANTILE NATIONAL BANK

of the City of New York announce the removal of their banking rooms to their new quarters in the Western Union Building, 195 Broadway, corner of Dey Street, and invite your inspection of their equipment

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American Watch Case Co.,

Manufacturers of Fine Gold Cases,

9-11-13 Maiden Lane,

New York.

A.W.C.CO

We will send Free upon request this Case Opener, made from Fine Tool Steel, highly tempered.

1906 Catalogue Now Ready



Bigalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York.

Single and Split Second Timers in Nickel and Gun Metal Cases.

Complete Assortment of Chronographs, Split Seconds and Minute Repeaters.

Ladies' and Gentlemen's Flat and Ultra Flat Watches.
Flat Calendar Watches.



SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES.

New York Notes.

(Continued from page 67.)

does not know who T. F. Kuntz is. The company is reported as having headquarters at Los Angeles. The papers in speaking of the company said that John Morain, who is to take an active part, is now in Amsterdam studying the cutting industry. William Tasch, a cutter of Idar, Germany, is also said to be interested. It is announced in the papers that the capital stock will be $2,500,000, and that the company will develop among other things zircon beds, 136 miles from San Diego. The company also claims that it will have one of the largest cutting shops in the world. Dr. Kunz, who has made some studies of California minerals, results of which have been published by the Government, says that essenite is to be found at the distance from San Diego mentioned, this stone being sometimes called hyacinth, but he has not heard of any zircon beds being in that vicinity.

Nathaniel Feigenbaum, a jobber at 37 Maiden Lane, arranged at a creditors' meeting held several days ago to turn over his stock to a committee. The creditors agreed to accept this in full payment of all bills. The meeting was held in the office of H. Z. & H. Oppenheimer. A committee was appointed, including representatives of Stern Bros. & Co., Van Gelder, Kahn & Co. and Rudolph & Snedeker.

H. A. Maier, of Maier & Berkele, Atlanta, Ga., is in New York greeting his many friends in the trade. His headquarters are at Ingomar Goldsmith & Co.'s office.

Robert Kelley, 22 years old, 1698 Second Ave., and Frank Fanvey, 26 years old, 78 E. Houston St., were taken to the W. 152d St. police station last Saturday by Detective Griffin, who said that they had a stand at Amsterdam Ave. and 194th St., where they operated a game of chance with supposed watches as the prizes. The watches, which were taken to the station, contained no works.

Henry Abrahams, a diamond dealer at 131 E. 82d St., Manhattan, last Saturday caused the arrest of Frank Hopkins, 23 years old, an advertising solicitor, living on Bedford Ave., in Brooklyn. The complainant said that Hopkins stole two diamond rings valued at $229. According to the story, the advertising man told the diamond dealer that he had two customers at Sheepshead Bay who wished to buy rings. Abrahams said that he allowed the young man to take two rings into a pawnshop at 21 Park Row for the purpose of having a value placed on them. While the dealer waited outside Hopkins, it is said, passed out a rear door with the rings. In the Center St. Court, Manhattan, the prisoner was held in $1,000 bail for examination.

E. L. Muffley has sold his store in Glenwood Springs, Colo., to Arthur West.

The New Columbus Watch Co., Columbus, O., has transferred to the Jones Shoe Mfg. Co., by deed recorded July 31, several lots and parts of lots at New and Thurman Sts. The consideration was $20,000. The shoe company gave the watch company a mortgage on the property to cover various notes aggregating $13,000.

Newark.

A certificate dissolving the American Clock Co. of Jersey City was filed last week.

On Aug. 11, 1906, Edmund F. Allsopp, of Allsopp & Allsopp, will leave for Los Angeles to establish a branch office, and will call on the coast trade for the first this Fall.

John McLean, a jewelry engraver of Paterson, died recently in Waco, Tex. He was 35 years of age and had been connected with several jewelry houses in Paterson. It had been his intention to engage in business in Dallas, Tex.

Allsopp & Allsopp is the name of a corporation formed last week to carry on the business formerly conducted by the firm of the same name. The capital stock is $100,000; incorporators, T. Allsopp, A. E. Allsopp and E. F. Allsopp.

Ed. Raucher, employed in the factory of the New York Standard Watch Co., Jersey City, slipped near one of the presses, and while he was trying to regain his balance a forefinger of his right hand fell under a descending press hammer and was smashed to a pulp.

Frank E. Behrendt is now representing Moore & Son, 22 Greene St., in the west. In order to increase the firm's facilities in looking after the western trade an office has been opened in the Heyworth building, 42 Madison St., Chicago, where Mr. Behrendt will make his headquarters.

Wm. W. Thompson, 576 Main St., East Orange, who was found in his store overcome by gas about 10 days ago, had sufficiently recovered in the early part of the week to leave the Orange Memorial Hospital. There was a leak in the gas pipe in the building in which Mr. Thompson has his store. He did not know of his danger, while working at his bench, until he fell down, and he was almost asphyxiated when his wife happened to enter the store. Repairs are being made by the gas company.

In relation to the death of Winthrop B. Harris, mentioned in last week's issue, the papers say that there were indications of suicide. He was found dead on the floor of the works at West Orange by his partner, and nearby was a gas tube from which the gas was escaping. Death was caused by asphyxiation. Mr. Harris, who was 25 years old, was a member of O. S. Whitlock & Co., manufacturers of jewel workers' supplies and electrical instruments, at 243 Watchung Ave. He lived with his wife at the corner of Lakeside and Watchung Aves. The body was taken to Waltham, Mass., for burial.

Jewelers Gold Bars Withdrawn and Exchanged at New York.

Week Ended Aug. 4, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$472,865.10
Gold bars paid depositors	75,313.97
Total	$548,179.07

Of this the gold bars exchanged for gold coin are reported as follows:

July 30	$87,272.84
" 31	83,657.50
Aug. 1	117,685.25
" 2	61,187.05
" 3	71,542.06
" 4	51,520.40
Total	$472,865.10

Death of William H. Peckham.

William H. Peckham, who was for many years a manufacturer of rings in New York and who, since 1897, had been the Water Registrar in Jersey City, died Monday at his home 202 Claremont Ave., in the latter city. He was 78 years of age.

Mr. Peckham began his business career nearly 60 years ago, opening a small shop. He was located at different times on Liberty Pl., John St., Maiden Lane and Liberty St. Early in his career he began to make a specialty of the manufacture of rings, to which he for many years gave his entire attention. He invented machines for the making of seamless rings, which he used with success. These are now used by the Peckham Seamless Ring Mfg. Co., which he assisted in establishing in 1892. The factory was located then, as now, at 131 Liberty St., the offices continuing at 45 Maiden Lane.

Two or three years after the incorporation of the company to which he turned over his business Mr. Peckham retired to accept the official position in Jersey City.

Mr. Peckham did not remain continuously in the jewelry manufacturing business even in his earlier career. In 1849 he gave up his shop, left the east and joined in the rush to the California gold fields. In the Civil War he went to the front. He was among the first of the volunteer firemen in Hoboken. In politics he was a Democrat and held at various times positions of trust. He was a 33d degree Mason and was the author of a work on "The Ancient and Accepted Scottish Rites in the United States of America from 1801 to 1883," which was published in 1884.

The purchase of the Tabernacle Church at York and Henderson Sts. for the Jersey City Lodge of Elks, of which he was an active member, was brought about mainly through his efforts. The property was deeded to him and he transferred it in turn to the lodge. It is now known as Elks Hall. He was vice-president of the Elks Building Association.

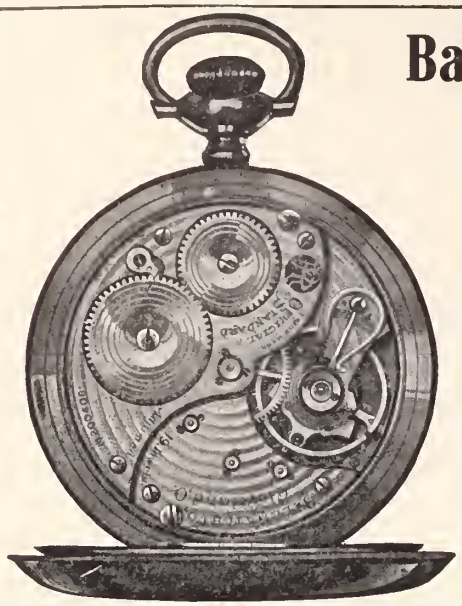
Mr. Peckham is survived by a widow and family of children. Two sons, William and Harry Peckham, have charge of the ring factory.

Suit of Archie Rutherford Against the H. A. Kirby Co. Settled Out of Court.

The suit of Archibald Rutherford against the H. A. Kirby Co. and Henry A. Kirby, reported in the issue of July 18th, was settled last week at the office of Jacob Fromme, 99 Nassau St., New York, the counsel for Mr. Rutherford. Mr. Rutherford received $66,000, for which he transferred his entire one-fifth interest in the H. A. Kirby Co., being 600 shares, to Henry A. Kirby.

Mr. Rutherford has severed his connection with the H. A. Kirby Co., and now represents Powers & Mayer in New York, Boston, Philadelphia, Baltimore and Washington.

The jewelry and drug store of Jas. E. Robinson, Hermon, N. Y., was recently entered by thieves who escaped with $400 worth of miscellaneous jewelry.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:

Sell your next watch customer a "Ball."

Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.

The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

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Ball Building

CHICAGO
804-6-8 Railway Exchange

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92 TO 98 STATE STREET,
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THE HERMAN KECK MFG. CO.

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DIAMONDS.

MANUFACTURING JEWELERS. SILVERSMITHS.

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Vol. LIII. CHICAGO, WEDNESDAY, AUGUST 8, 1906. No. 1.

Chicago Notes.

Wm. H. Rogers, Plainfield, N. J., visited the trade in Chicago recently.

P. G. Storm and C. T. E. Smith, with Reed & Barton, have started on their Fall trips.

R. F. Prochnow, of the Fort Dearborn Watch & Clock Co., is visiting eastern points.

Adolph Weiss, of Heinrich, Hermann & Weiss, has just started on a trip through the west.

Henry L. Turner, general manager of E. V. Roddin & Co., is in the east on a vacation trip.

Theodore Jacobs, of T. Jacobs & Co., left last week on his Fall trip through the northwest.

William G. Morstrom, of W. G. Morstrom & Co., is at Fox Lake with his family for an outing.

B. S. Felvey, with the Western Clock Co., starts on his Fall trip through the northwest this week.

R. M. Johnson, of R. M. Johnson & Son, has just returned from a four weeks' trip through Colorado.

F. S. Goldberg, of S. Buchsbaum & Co., is spending a vacation with his family at Brown's Lake, Wis.

F. D. Carr, secretary of the Ostby & Barton Co., Providence, R. I., made a brief visit to this city recently.

F. C. Somes, of Bates & Bacon Co., Attleboro, Mass., was in Chicago recently for a few days visiting the trade.

Charles J. Jacobs, of the Knickerbocker Silver Co., has just returned from a short trip to Cincinnati and St. Louis.

W. D. Kee, of the Elgin National Watch Co., is on a vacation for a few weeks. He will be at Elgin most of the time.

F. E. Hyatt, the Chicago manager of the Philadelphia Watch Case Co., is the proud father of a nine-pound baby boy.

F. A. Chace, Jr., representing Charles M. Robbins Co., Attleboro, Mass., has just returned from a visit to the factory.

A. S. True, of George E. Marshall, Inc., is enjoying a fishing trip in Canada. He will return about the middle of August.

D. E. Carter, an old-time jeweler of Traverse City, Mich., was in Chicago for a few days, recently, renewing acquaintances.

Hal Eyester, Seattle, returned home Saturday, stopping that day in Chicago on his way from Providence and New York.

Albert M. Dueber, of the Dueber-Hampden Watch Works, Canton, O., was visiting the trade in Chicago a few days last week.

Harry E. Farquharson, representing E. D. Gilmore & Co., and E. A. Potter & Co., is now taking a pleasure trip to Providence and eastern points.

W. J. Gamm, Madison, Wis., is making considerable alterations in his store, putting in new front and show windows. Mr. Gamm was in Chicago recently adding to his stock.

Fred E. Carlson and wife were here recently selecting stock for a new store which Mr. Carlson is opening at Kewanee, Ill. He was formerly with W. J. Gamm, Madison, Wis.

C. C. Hoefer, of the Woodstock-Hoefer Watch & Jewelry Co., Kansas City, Mo., stopped in Chicago a few days on his way to Plumb Lake, Wis., where he is enjoying an outing with his family.

Harry G. Nichols, of Mitchell, S. Dak., stopped here on his way to attend the convention at Rochester last week. Mr. Nichols is president of the Jewelers' Association of South Dakota.

Miss Frees, of C. T. Cuny & Co., spent three weeks in the east, visiting Atlantic City, New York, Philadelphia and Washington. While in New York Miss Frees called on the trade and was royally entertained.

F. E. Blackburn & Co. have arranged to increase their office space in the Heyworth building, taking over double the space they now have. J. A. Lucas, representing A. H. Bliss Co., and Frank E. Behrendt, who was formerly connected with Otto Young & Co., will continue to occupy offices with them.

In the 100-mile endurance test automobile race, recently run on the Elgin-Aurora course, M. A. Mead, of M. A. Mead & Co., entered his Pope-Toledo, driven by his son Richmond Mead. Mr. Mead's machine was in the fourth class, known as the "$2,500 or better class," and made a perfect score, for which he received a gold medal.

The following buyers from out of town were in the city recently: J. R. Pitts, Lockport, Ill.; W. H. Barker, Sanborn, La.; L. J. Wendel, Creston, Ia.; Mr. Ludy, of Ludy & Taylor Co., Cedar Rapids, Ia.; Samuel T. Morrison, Iowa City, Ia.; D. R. Cohen, Lincoln, Nebr.; M. Linnig, Linnig Bros., Peru, Ill.; Mr. Nicoll, of Gottfredsen & Nicoll, Kenosha, Wis.; Geo. F. Williams, of the Bemet Co., Omaha, Nebr., and A. Buchman, Rapid River, Mich.

The Geneva Optical Co., of this city, has organized a new company, to be located at 4th and Hennepin Aves., Minneapolis, Minn. Fred H. Smith, the secretary and manager of the Chicago company, is president of the new branch, and Percy M. Smith, who has been superintendent for many years of the company here, will be the resident manager. Fred H. Smith, who is now in Minneapolis, will remain only long enough to see that the new concern is well started.

Joseph Bardenhier, whose death was noted last week, was until about six months ago a well-known jeweler at 740 E. Belmont Ave., Chicago. He was lured from his store at Madison, Wis., and foully murdered and robbed of his watch, jewelry and all the money he had with him at the time. He was decoyed to a place three miles east of Madison, ostensibly for the purpose of fixing a clock for a farmer. Mr. Bardenhier was well known in Chicago among the trade and had the reputation of always having considerable sums of money about him. In December, 1904, he was robbed, it is claimed, of $2,300, the greater part of which he was taking to a wholesale jewelry firm to pay some accounts. This loss caused him to go into bankruptcy, after which he found a desirable location at Madison, where he removed with his family.

C. A. Hoffman, optician, Minneapolis, has gone to his Summer home for a short stay. During his absence a handsome art glass advertising sign has been erected outside of his establishment. It represents an opera glass, its size being 4 x 7 feet. It is illuminated with over 40 electric lights, the opera glass being the exact color of pearl. Mr. Hoffman recently purchased one of the best building sites in the city, facing the Lake of the Isles, corner of Lake of Isles Boulevard and 26th St. The site measures 152 by 167 feet. Mr. Hoffman will build on it a reinforced concrete fireproof home of modern design. A feature of the residence will be a Japanese garden.

To the Jobbing Trade.

Diamond Bunch Rings

are



We carry the largest assortment of them in the country.



Cincinnati.

E. C. Kendall, with the Joseph Mehmert Co., left Aug. 1 on his trip north.

Chas. Hummel, with Louis F. E. Hummel, is rejoicing over the arrival of a 12-pound son.

C. S. Bennett, bookkeeper for the Frank Herschede Co., is spending his vacation in Michigan.

Albert Zoellner, Portsmouth, O., was in the city during the past week buying additional furniture for his store.

A. G. Schwab, of A. G. Schwab & Bro., goes east this week. M. Schwab, of the same firm, is at Atlantic City.

H. A. Rasch, with Meyer & Schamber, Meridian, Miss., has accepted a position with the Clemens Oskamp Co.

Charles Wilms, with C. L. Byrd & Co., Memphis, Tenn., stopped in the city for a few days on his way to New York. Chas. Zimmerman, of the same firm, was also in this city.

Mr. Eichelberger, with Jos. Noterman & Co., is spending the Summer at Clark's Lake. Mr. Wm. Pflueger and John Osthoff, with the same firm, leave Aug. 12 on their Fall trips.

Ed. Richter, of Richter & Phillips, has returned from his vacation, spent in the mountains of Colorado. A. W. Burt, with the same firm, is to be married during the early part of September.

Out-of-town dealers who replenished their stock here the past week included: H. E. Batelle, Mason, O.; E. Israel, Harrison, O.; J. D. Ward, Rising Sun, Ind.; Albert Zoellner, Portsmouth, O.; R. Syman, Springfield, O.; Miss Alice Hoover, Union City, Ind.; J. A. Jody, London, Ky.; C. F. Cross, Gadsden, Ala.; W. H. Mueller, Stanford, Ky.; H. A. Rohs, Cynthiana, Ky.; E. B. Scott & Son, Batavia, O.; M. Weinberg, Kimball, W. Va.

Minneapolis and St. Paul.

A. P. Myer has opened a watch repairing shop at 109 S. 7th St., Minneapolis.

Johantgen & Kohl, Minneapolis, are putting in some new machinery for their manufacturing plant, including a dust collector and a dynamo for plating.

The R. G. Winter Jewelry Co., Minneapolis, has moved from the location so long occupied at 327 Nicollet Ave. to new quarters nearer the retail center, at 608 Nicollet Ave.

Among the out-of-town jewelers in the Twin Cities during the past week were: Mr. Thompson, Park River, N. Dak.; Clark Bros., St. Cloud, Minn.; Oscar Holmes, Cambridge, Minn.; George H. Lang, Mankato, Minn.; C. E. Frederick, Waterloo, Ia.; George E. Rentz, Wells, Minn.; D. N. Wood, Mason City, Ia.; G. F. Meier, Winona, Minn.; E. B. Woodward, Spring Valley, Minn.; J. C. Herdliska, Princeton, Minn.; J. J. Birkebak, Lester Prairie, Minn.; Wm. Plackner, Arlington, Minn.; C. O. Julsrud, Houston, Minn.; J. M. Chalmers, Lake City, Minn.; S. J. Vasaly, Little Falls, Minn.; J. J. Zimmerman, Alma, Wis.

At Hinsdale, N. H., the jewelry and stationery store of George N. Smith has been bought by Wm. H. Lyman.

St. Louis.

Gerhard Eckhardt, 213 N. 6th St., is now enjoying his vacation.

T. F. Gerlach is off on a three weeks' vacation, to be spent in the east.

T. H. Vahlman, of Vahlman & Jacobs, East St. Louis, has returned from an extended visit abroad.

Clarence Linz and E. L. Pike, of Joseph Linz & Bros., Dallas, Tex., stopped in St. Louis one day last week, on their way east.

C. L. Stange has started out on his initial trip for the L. Bauman Jewelry Co. in Missouri. M. Schinderman and O. L. Ross are also out in their respective territories.

Arthur Sudheimer, secretary of the Brooks Jewelry & Optical Co., departed the early part of the week for a visit, combining business and pleasure, through Oklahoma.

Julius L. Freund, of 816 Franklin Ave., with his wife and family, has returned from a six weeks' vacation, during which he visited New York, Buffalo and Providence.

The auction sale of bric-à-brac and art goods conducted by the Mermod, Jaccard & King Jewelry Co. for three months has closed. Messrs. Moody and Martin were the auctioneers, with successful results.

Vincent J. Gorly, of Grimm & Gorly, was injured Thursday evening while automobile driving. Mr. Gorly was hurled from the vehicle when it collided with a street car, and sent sliding along the pavement, sustaining severe cuts on the hands and knees.

The *Republic* on Saturday published an interview with Alvin L. Bauman, president of the L. Bauman Jewelry Co., who was a passenger on the *Amerika*, of the Hamburg-American Line, with John D. Rockefeller. He talked interestingly of his trip with the oil magnate. Mr. Bauman returned Monday after a 10 weeks' visit abroad, where he visited Antwerp, Paris and Amsterdam.

Among the visiting jewelers in St. Louis last week were the following: Theodore Edsall, of the J. W. Lake Jewelry Co., Hot Springs, Ark.; J. H. Greer, Fort Worth, Tex.; C. E. Veal, Charleston, Mo.; John Ketting, Ste. Genevieve, Mo.; J. H. Bauer, Alton, Ill.; Louis P. DeRousse, Waterloo, Ill.; J. W. Barbour, Meridian, Miss., and E. Bixell, Sedalia, Mo.

C. Perley Hutchinson, vice-president of the Whelan-Aehle-Hutchinson Jewelry Co., accompanied by his wife, departed Thursday for Onaw, Me., to spend the month of August. They stopped at the Holland House, New York, for several days. Mrs. M. Overstreet, manager of the stationery department of this firm, has returned from a month's visit to the east.

E. H. Mead, a member of the board of directors, and manager of the silverware department of the Mermod, Jaccard & King Jewelry Co., is on his vacation, taking in Milwaukee and the lakes. R. L. Johnson, manager of the stationery department, accompanied by his wife and daughters, the Misses Mabel and Ruth, and Miss Florence Losse, have gone to South Haven, Mich.

J. F. Dailey has purchased from J. F. Dailey & Co. the local store of that concern at 6th St. and Washington Ave., and will hereafter conduct the business under the name of J. F. Dailey. Mr. Dailey still retains a one-third interest in J. F. Dailey & Co., which will still conduct the Chicago store, which will be in charge of President A. H. Aylesworth, with Ralph Wilson, formerly of St. Louis, as assistant.

S. H. Bauman, president of the Bauman-Massa Jewelry Co., was the host at a dinner given at the "Alps" several days ago, in honor of the 25th anniversary of the founding of that firm. The business, which was established Aug. 1, 1881, under the firm name of Kayton & Bauman, was first located in a small room at 612 N. 4th St. In 1889 Mr. Bauman took in Edwin Massa as a partner, and incorporation papers were secured under the name of the Bauman-Massa Jewelry Co. The first line carried by this well-established firm was watchmakers' material only. Later jewelry and watches were added, and then diamonds. The firm has steadily grown to be one of the largest concerns west of the Mississippi River, and is still growing. Since 1897 the company has been located in the Commercial building, and only recently enlarged its quarters. Mr. Bauman's guests were Edwin Massa, F. L. Jaccard, J. J. McKenna, Joseph Auer, Otto Bauer, Max Bauman, Leo Bauman, S. L. Lowenstein, M. Beeber and William Felschner.

Kansas City.

Eric Jacobson, Port Arthur, Tex., was here last week on his way east.

Mrs. N. Jordan, Windsor, Mo., was here, last week, while on her way home from a stay in Colorado.

E. H. McClintock, formerly with G. W. Kates, Newton, Kans., has opened a new store in Thomas, Okla.

R. H. Morehouse, watch inspector for the Santa Fe, Topeka, Kans., was in Kansas City last week buying goods.

Chas. J. Mount, Jr., of the material department of the Meyer Jewelry Co., has resigned on account of ill health.

J. C. Adams, of the Jewelers Security Alliance, was a recent visitor to the city, and went south from this point.

H. Adelman, with the Hassig & Krieke Jewelry Co., has gone back to his old home in Joliet, Ill., for a vacation visit.

Alfred Williams, Pittsburg, Kans., has just finished a course in engraving in the Kansas City Polytechnic Institute.

E. F. Thorner, of this city, has just enrolled with the Kansas City Polytechnic Institute for a course in engraving.

E. P. Campbell has gone to Richmond, Mo., to take a position as watchmaker and engraver for the L. Megede jewelry store.

R. C. Everts, Weatherford, Okla., stopped off to do some buying in this city, last week, while on his way east for a vacation trip.

V. G. Cuthbert, the representative of Otto Young & Co., Chicago, who makes this city his headquarters, has been at home for a few days.

Mr. Craig, of Bentley & Craig, Boulder, Colo., who has been visiting his relatives in Springfield, Mo., stopped off in this city for several days of last week to do some buying for his firm.

Harry Bullard, watchmaker for Gurney & Ware, will leave this city Aug. 11, for San Francisco, Cal., where he will take charge of the repair department of the Bohm-Bristol Jewelry Co.

The following out-of-town retailers not elsewhere mentioned were in this city during the past week: O. J. Taylor, Centerville, Ia.; W. W. Whiteside, Liberty, Mo.; W. H. Meyer, Lawson, Mo.; F. C. Roder, Higginsville, Mo.; E. Freeman, Paola, Kans.; S. M. Coffman, Braymer, Mo.; C. B. Libby, Weir, Kans.

Harry B. Carswell has been suffering from quite a severe accident. He was working at the desk and had been using a steel eraser on his books. Dropping it he tried to catch it and drove the blade into his thigh about two inches. He struck one of the minor arteries, and lost a great deal of blood, but his system being in fine condition the accident did not cause him a great loss of time.

President C. B. Norton, of the C. B. Norton Jewelry Co., accompanied by Mrs. Norton and daughter Edith, left the city last week to spend the entire month of August in northern Minnesota. E. H. Morgan, vice-president of the same company, has just returned from northern Michigan, where he has been spending the month of July. J. B. Robinson and family, of the same company, left last week for a trip to northern Minnesota, and Ward M. Lewis, secretary of the company, leaves this week, accompanied by his wife, for the same section of the country. Mr. Lewis will be back about Sept. 1.

Cleveland.

Among the business visitors in the city the past week were the following: J. W. Kirk, Adrian, Mich.; H. S. Sumner, Akron; A. E. Kintner, Painesville, and H. D. Davis, Kent.

Charles W. Uhrig, of Gallipolis, has moved into a handsome new room fronting on the Public Sq. Mr. Uhrig has been holding a removal sale for several months and has been quite successful.

The engagement of Miss Mildred Lorinda Sigler, daughter of C. C. Sigler, of the Sigler Bros. Co., to Harry G. Blanchard, of this city, has been announced. Both are popular young people and members of the Colonial Club.

C. W. Ernsting, now a prominent jeweler of Los Angeles, Cal., has just terminated a visit with friends in Gallipolis, in the southern part of this State, where he operated a large store some years ago. From Gallipolis Mr. Ernsting went to New York.

W. W. Wells, Lodi, O., who was in this city a few days ago, reports that he has sold his store to H. C. Jason. Mr. Jason is new to the jewelry business, it is understood, but is an experienced business man. Mr. Wells has not decided upon his course for the future.

J. B. Ramp and E. Bock have formed a partnership in the manufacturing jewelry business under the firm name of Ramp & Bock, with offices at 654 Rose building. For some time both have been connected with the manufacturing department of the Scribner & Loehr Co., Mr. Ramp having gone out of business himself some time ago to take this position. They will make a specialty of emblem work, but will to some extent do other lines of work also.

A. L. Madison has bought the stock of J. F. Kingery, Orient, Ia.

San Francisco.

TRADE CONDITIONS.

The San Francisco trade in the jewelry line is described by both wholesalers and retailers as being immense, and it is regarded by them as something in the nature of a puzzle. There are numbers of firms that started up on Van Ness Ave. with no intention of doing very much business. They were old established firms and calculated more than anything else to keep their name before the public in as favorable a light as possible. Their first orders for stock were light and the more expensive class of goods were ordered very sparingly. With no tourist trade to cater to and with a ruined city to be rebuilt, business in the jewelry line would be very dull, they thought, and cheaper goods would be in demand. However, trade took a decided turn from what was commonly expected of it. At the present time the retail jewelers are not abl eto supply the demand, and those firms that have not already resumed business are now straining every effort to do so. Paul V. Garin, who recently opened a jewelry store on Fillmore St., states that business is so heavy that it can scarcely be handled. So satisfactory has the trade been here that a store on Van Ness Ave., near Ellis St., has been secured and will be opened soon.

The United Jewelry & Optical Co. has completed its store at 1653 Fillmore St. and is now doing a wholesale and retail business.

The Keystone Watch Case Co. is putting the finishing touches on its store in front of Tait's Cafe at Eddy St. and Van Ness Ave., and expects to be doing business some time during the present week.

Deremer & Co. are now busy arranging the stock that is arriving for the new store at 1345 Van Ness Ave., having just opened their store. In addition to their regular line of jewelry a full line of cut glass will be carried.

The store of T. Lundy, on Market St., in the old Blythe Block, is rapidly nearing completion, and Mr. Lundy will soon be enabled to be back at the old stand which he has occupied for so many years. Since the fire he has been devoting a considerable part of his attention to the contracting business.

A. I. Hall & Son report a very heavy business, notwithstanding the many disadvantages they are still laboring under. No safes have been secured as yet for the office, but a steel vault has just been finished. The cabinet work has not been done and goods are simply piled on tables and counters for the present. The freight situation is showing no signs of improvement, and trunks that left New York early in June for this firm have not yet arrived. At the present time two traveling men are out and two more will start in about 10 days or as soon as samples are received. The insurance companies have reported on A. I. Hall & Son's loss claims, and an early settlement is expected.

Pacific Northwest.

C. O. Anderson, formerly in business in Harrisburg, Ore., has purchased the store of H. W. Freeze, Brownsville, Ore., and moved to the latter place.

After several days of hunting for S. Hufford, a jeweler of Tacoma, Wash., Detectives Ellison and Fitzgerald got Hufford in Seatle, recently; but when they telephoned the officers at Stockton, Cal., who had authorized the arrest, they learned that the charge against the man had been dismissed. A warrant had been issued for Mr. Hufford, charging him with stealing a valuable gold watch. Mr. Hufford explained that he had sent the watch back to Stockton. He says it was a valuable watch and was entrusted to him to be repaired. He had no time to do the work before he left Stockton, so he brought it with him.

Omaha.

Albert Edholm has returned from a four week's fishing trip to Hayward, Wis.

Earl Clay, of the Mawhinney & Ryan Co., is spending two weeks in Minneapolis.

George O. Sawyer, Ainsworth, Nebr., has added a line of musical instruments to his store.

Joseph P. Frenzer has returned home from a pleasure trip through Texas, Oklahoma and Old Mexico.

C. E. Millhouse, formerly of Lexington, is busy getting his new store ready for business at Callaway, Nebr.

Harry G. Holmes, with Fred Brodegaard & Co., has gone to Chicago and Milwaukee to spend two weeks.

John A. Rine, referee in bankruptcy for N. P. Frandsen, has ordered a dividend of 12½ per cent. payable Aug. 8.

Mrs. E. M. Godfrey, South Omaha, who has spent several months in Denmark, is expected home the coming week.

Miss Emma Quinn, one of the buyers for the Mawhinney & Ryan Co., has gone to Chicago on a two weeks' vacation.

George F. Williams, manager of the jewelry department of "The Bennett Co.," has gone east to buy Fall novelties in the jewelry line.

J. C. Huteson, of the Huteson Optical Co., has postponed his trip east indefinitely, and he and his family will leave shortly for Seattle, Wash. They will be gone six weeks.

A. Mandelberg, of this city, supplied the handsome gold medal which was recently presented to H. Finn, leader of the Canadian Band, which is now playing at Krug's Park. The medal is uniquely designed and artistically wrought. Mr. Mandelberg's wife, two sons and daughter are at present spending the Summer at Manitou, Colo.

Pacific Coast Notes.

Upon a petition filed by himself, Charles H. Renner, Arcata, Cal., has been declared a bankrupt in the United States District Court.

Mrs. Florence H. Cheney, 659 E. 54th St., Los Angeles, Cal., through her attorney, Edward M. Guthrie, has filed a suit against the estate of Charles H. Bush for the recovery of $922, which she alleges is due her for work rendered as a clerk in the store of the wealthy jeweler during his lifetime.

At Marysville, Cal., E. T. Riley, charged with peddling jewelry without a license, was recently ordered to work on the chain gang. When arrested he had a quantity of lockets and rings in his possession. T. W. Mason, who was accused of being the principal in the business, was released on his promise to leave town immediately. It is said that his plan was to get laboring men to sell cheap jewelry for him. High prices were asked for the articles, and anything offered was accepted.

New Stores and Enterprises.

G. M. Clark is a new jeweler in Hildreth, Nebr.

C. H. Comb opened a store in Kenesaw, Nebr., a short time ago.

C. E. Millhouse has just engaged in business at Callaway, Nebr.

J. P. Schlaefer is erecting a building for a new jewelry store in Campbellsport, Wis.

In Sanborn, Minn., Leo Block recently started a watch and jewelry repairing business.

J. C. Powers is a new resident in Brocton, N. Y., where he has opened a retail jewelry establishment.

A new watch repairing establishment has been opened at 109 S. 7th St., Minneapolis, Minn., by A. P. Meyer.

A. Picou, formerly of San Francisco, Cal., has opened a store in the Thierry building on San Lorenzo Ave., San Leandro, Cal.

John P. Anderson, formerly for several years with the Waltham Watch Co., has gone into business on his own account at Temple, N. H.

A. Pearlstein, formerly with I. M. Garfinkle, Philadelphia, Pa., has opened a small retail store on Girard Ave., near 10th St., at the same place.

Fred J. Dreher, for 11 years with the Montgomery Loan Co., Montgomery, Ala., recently began business at 10 S. Court St. under the firm name of F. J. Dreher & Co.

Owen Bros. & Hillson Co., Boston, Mass., has just been incorporated to deal in aluminum specialties with a capital stock of $50,000. The incorporators were Francis M. and Mathew J. Owen and Samuel Hillson.

The Gould-Sullivan Co. is the name of a new concern which has been incorporated in San Francisco, Cal., with a capital stock of $70,000, of which $300 is paid in. The incorporators were J. J. Sullivan, L. A. Gould and Bertha Fortier.

The New System Jewelry Co., of New Haven, Conn., last week filed a certificate of incorporation. It is authorized to carry on a wholesale and retail jewelry business, with a capital stock of $5,000, of which $2,000 is to be paid in. The incorporators are Frank S. Day and Agnes S. Day, New Haven, and R. S. Barclay.

A. K. Addison, for many years foreman for Jacobi & Jenkins, Baltimore, Md., will soon open an up-to-date polishing and repairing establishment for the trade in that city. It will be the first of its kind in Baltimore. Mr. Addison has secured the building at 23 Clay St., near Charles St., which will be ready for his occupancy by Sept. 1.

A new company with a capital stock of $2,500,000 has been incorporated at Los Angeles by J. Morrin, W. Tasch, H. F. Hiller, T. F. Kintz, C. A. Grove and others. It is the purpose of the company to erect one of the largest gem-cutting establishments in the United States. The name of the new company is the Baja California Gem & Gold Mining Co.

Dr. L. A. Hines has returned to Savannah, Ga., from Southbridge, Mass., where he disposed of a patent on a movable adjustable clip for nose glasses to the American Optical Co.

INDEX TO ADVERTISEMENTS.

Adams & Singletou 36
Aikin-Lambert Co. 127
Allsopp & Allsopp 30
Allsopp Bros. 25
Alsterlund, H. E., & Co. 38
Alvin Mfg. Co. .....Inside front cover
American Gem & Pearl Co. 60
American Platinum Works 127
American Silver Co. 39
American Watch Case Co. 70
Apollo Silver Co. 126
Arch Crown Mfg. Co. 66
Arnstein Bros. & Co. .....50, Outside back cover
Austin, John, & Son .....Outside back cover
Aztec Turquoise Co. 58
Bagg, Perine & Co. 56
Baker, Geo. M. .....Outside back cover
Ball, Webb C., Watch Co. 72
Bard, A. C., & Co. 77
Baschkopf, Jacob 60
Bassett Jewelry Co. 38
Bates & Bacon 22
Berge, J. & H. 120
Bigalke & Eckert Co. 70
Bigney, S. O., & Co. 4
Billings, Chester, & Son 52
Bing, Ferdinand, & Co.'s Successors 122
Bishop, R. W. 120
Blackinton, R., & Co. 17
Blackinton, W. & S., Co. 44
Blancard & Co. 32
Borrelli & Vitelli 54
Bowden, J. B., & Co. 25
Bradley Polytechnic Institute 114
Brettner, R. 28
Brower, Maurice 52
Bruhl Bros. & Henius Co. ....Outside back cover
Buckley, Sam'l, & Co. 28
Bunde & Upmeyer Co. 50
Carrington & Co. 26
Carter, Howe & Co. 27
Castiglioni & Capaldi Co. 36
Chatham National Bank 68
Chopard Frères 48
Conley & Straight 128
Cooper Diamond Co. 52
Cottle, S., Co. 28
Crohn, M. 33
Cross & Beguelin 38, 66
Crossman Co. 56
Crouch & Fitzgerald 114
Dattelbaum & Friedman 24
Day, Clark & Co. 29
Dederick's Sons, James H. 128
Depasse Mfg. Co. 26
De Selms Watch School 114
Diamond Point Pen Co. 127
Didisheim, Hipp., & Bro. 112
Donnelly, J. J. 120
Dorflinger, C., & Sons 124
Dubois Watch Case Co. 39
Dulk, Robert 26
Dunbar, Leach, Garner Co. 120
Durand & Co. 26
Eden, C. H., Co. 80b
Eichberg & Co. 58
Elgin National Watch Co. 108
Eliassof Bros. & Co. 86
E. P. H. Chain Catch 32
Eye-Fix Remedy Co. 90
Fahys, Joseph, & Co. 1
Fairchild & Co. 88
Favre-Jacot, Georges, & Co. 113
Feeley, W. J., Co. 37
Follmer, Clogg & Co. 80
Forman Co. 114
Forsinger, J. W. 110
Foster, Theodore W., & Bro. Co. 40
Fox, Gustave, Co. 23
Freund, Henry, & Bro. 24
Friedlander, R., L. & M. ....Outside back cover
Frink, I. P. 88
Garreaud & Griser 60
Gesswein, F. W., Co. 120
Goldsmith, C. P., & Co. 32
Goodfriend Bros. 54
Gorham Co. 64
Gougelman, Paul 80
Griffoul, August 120
Guardian Trust Co. 68
Hagstoz, T. B., Ltd. 128
Hamilton & Hamilton, Jr. 9
Harris & Harrington .....Outside back cover
Hedges, A. J., & Co. 26
Hedges, Wm. S., & Co. 54
Heintz Bros. 12
Heller, L., & Son 48
Herpers Bros. 128
Herring-Hall-Marvin Safe Co. 82
Hirschberg, A. S. 34
Hodenpyl & Walker 48
Hoe's, James C., Sons 39
Holsman & Alter 115
Hotel St. James 127
Howard, E., Clock Co. 114
Hraba, Louis W. 126
Humphrey, John B., Co. 60
Illinois Watch Co. 8
International Gem Co. 58
International Silver Co. 18, 19, 20
Jacot Music Box Co. 126
Jeandheur, F., Jr. 120
Jeanne, Frederick A. 56
Jewelers' League 80b
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 72
Juergeusen, Jules 112
Kahn, L. & M., & Co. .....Outside back cover
Kaufman, Louis, & Co. 62
Keck, Herman, Mfg. Co. 72
Kent & Woodland 27
Ketcham & McDougall 124
Klipper Bros. 114
Kohlbusch, Herman, Sr. 124
Kohn, Alois, & Co. 27
Kohn & Co. 33
Koshland & Italie Co. 34
Lackner & Ohl 29
Langendorf Watch Co. 112
Larter & Sons 42
Lederer, S. & B., Co. 36, 37
Lees & Sanders 128
Leimann Bros. 120
Lelong, L., & Bro. .....Outside back cover
Levy, Chas. M. 31
Levy, Robert 21
Lewy & Cohen 24
Lisner, D., & Co. 20
Lissauer & Co. 60
Loeb, Wm., & Co. 36
Lorsch, Albert, & Co. .....Outside back cover
Loth, Joseph, & Co. 124
Lowe, Edwin, & Co., Inc. 36
Luthy & Hine 28
Lyons Gem Co. 60
Maebert & Reiss 114
Maple City Glass Co. 124
Market & Fulton National Bank 68
Mendes Cutting Factories 80
Mercantile National Bank 69
Meriden Britannia Co. 20
Meyerowitz Bros. 60
Miller, Fuller & Whiting 36
Moore & Sons 30
Mount & Woodhull 56
Murray, Dan I. 86
Myers, S. F., Co. 36
Nebeling, Edmund R. 60
Newburgh, R. 112
New York Central Railroad 127
New York Telephone Co. 128
Noel, Rudolph, & Co. 72
Nounenmaun, A., & J. Aschenbrenner 24
Noterman, Jos., & Co. 88
Novelty Engineering Ass'n. 120
Ohan, G. 88
Ohio Cut Glass Co. 86
Omega Watches 113
Oppenheimer Bros. & Veith 46
Oppenheimer, H. E., & Co. 46
Oriental Bank 68
Osmun-Parker Mfg. Co. 26
Ostby & Barton Co. 25
Parks Bros. & Rogers 16
Patek, Philippe & Co. 112
Potter & Buffinton Co. 37
Power, Chas. L., & Co. 54
Powers & Mayer 13
Prior, Charles M. 28
Pryibil, F. 127
Pryor Novelty Co. 39
Raciue, Jules 114
Reichhelm, E. P., & Co. 120
Reuziehausen, W. F., Co. 128
Revell, A. H., & Co. .....Outside back cover
Rice's, Bernard, Sons 126
Ries & Armstrong 114
Rockford Watch Co. 110
Roger Williams Silver Co. 31
Rohrbeck, Johu E. 88
Roseman, A. 60
Rosenbloom, M., & Co. 115
Rothschild Bros. & Co. 31
Roy Watch Case Co. 31
Rudlen, J. W., & Co. 80b
Rudolph & Suedeker 112
Rumpp, C. F., & Sons 126
Saart, W. H., Co. 33
Saunders, Meurer & Co. 54
Schiff, M. 27
Schultz, Leiss & Co. 23
Scofield & DeWyngaert 29
Sessions Clock Co. 115
Shafer & Douglas 32
Shiman Bros. & Co. 74
Simpson, Hall, Miller & Co. 18, 19
Smith, Alfred H., & Co. 46
Smith, E. H. H., Silver Co. 34
Smith, Frank W., Co. 21
Smith, Wm., & Co. 36
Snow & Westcott 28
Sohn & Hyman 58
Solidarity Watch Case Co. 38
Spencer, E. L., Co. 35
Sprague Law School 33
Staninger, E. E. 34
State Bank 68
Steiner, Louis 124
Steru Bros. & Co. .....58, Inside back cover
Steruan, S., & Co. 16
St. Louis Watchmaking School 114
Strauss, Ignaz, & Co. ..126, Outside back cover
Strauss, Jacob, & Sons 58
Street, Geo. O., & Sons 30
Tavannes Watch Co. 88
Tivoli Art Glass Co. 124
Trentou Watch Co. 114
Trout, Charles L., & Co. 26
Van Dam, Eduard 32
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 34
Waite-Thresher Co. 35
Waltham Watch Co. 106
Washburn, C. Irving 32
Wells, Chester H. 32
Wendell & Co. 5
Western Clock Mfg. Co. 33
Wheeler, Hayden W., & Co. 46
Whiteside & Blank 27
Whiting & Davis 22
Whiting Mfg. Co. 15
Wightman & Hough Co. 35
Witsenhausen, L. 24
Wodiska, Julius 29
Wolfsheim & Sachs 30
Wood, C. F., & Co. .....Outside back cover
Wood, J. R., & Sons. 2, 3
Woodside Sterling Co. 14
Ziegler, J., & Co. 84



TRADE MARK.

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IMPORTERS AND CUTTERS OF **DIAMONDS**

Loose or mounted goods on memo. to responsible dealers.

103 STATE ST., CHICAGO. COLUMBUS MEMORIAL BUILDING.

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

Heavy type, 5c. a word; minimum charge, $1.25.

Display cards, $2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

YOUNG MAN, 19 years, first class engraver, desires permanent position. Address "J., 7135," care Jewelers' Circular-Weekly.

A FIRST CLASS retail salesman desires to make a change, preferring New York or vicinity. Address "F., 7115," care Jewelers' Circular-Weekly.

SITUATION, where I can improve on watchwork; am experienced on clock and jewelry repairing. Address "A., 7138," care Jewelers' Circular-Weekly.

WANTED POSITION as salesman and optician; could take charge of repairs in same store. Address "Salesman," 358 Broadway, Saratoga Springs, N. Y.

AN EXPERIENCED young man desires a position in a wholesale jewelry house. Address "Unquestionable References, 6972," care Jewelers' Circular-Weekly.

SALESMAN, with over 20 years' experience on the road, in the south and far west, is open for position; highest testimonials. "H. S.," 98 Columbus Ave., New York.

SALESMAN of experience, and well acquainted with trade in middle west, would like to connect with a manufacturer. "Reliable, 6969," care Jewelers' Circular-Weekly.

WANTED, by young lady with seven years' experience in jewelry business, position as confidential clerk; state salary. "S. E. F., 7049," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

YOUNG LADY, good engraver, jeweler and A1 saleslady, wishes position Sept. 1; southern States; best of references; state salary. Address 698 S. Pryor St., Atlanta, Ga.

BY FIRST CLASS WATCHMAKER, jeweler and salesman by Sept. 1 or 15; Colorado, West to Southwest; A1 references. Address "W. A. W., 7076," care Jewelers' Circular-Weekly.

FIRST CLASS designer and modeler on sterling silver hollow ware and novelties; artistic and practical; open for engagement. Address "A. B. C., 7139," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing and jobbing jeweler, designer and stone setter, German, desires a position in Seattle, Wash. Address "Jeweler," care General Delivery, P. O., Colorado Springs, Colo.

FIRST CLASS watchmaker, desiring to change, would like position at once; Massachusetts preferred; competent to handle railroad work. Address "E. H. B.," 45 Charles St., Springfield, Mass.

A PRACTICAL WATCHMAKER and engraver desires steady position; 17 years' experience at bench; full set of tools; references A1. Address "Steady, 7015," care Jewelers' Circular-Weekly.

DESIGNER, artistic and practical, on sterling hollow ware, toilet ware, etc., desires homework; permanent relation with one concern preferred. Address "Homework, 7113," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7080," care Jewelers' Circular-Weekly.

A TRAVELER, well acquainted with the trade, desires to represent an out-of-town manufacturer in and about New York; have office accommodations. Address "N. Y., 7126," care Jewelers' Circular-Weekly.

YOUNG MAN, possessing 7 years' experience in the wholesale jewelry business, desires position where advancement is possible; unquestionable references. Address "D., 7136," care Jewelers' Circular-Weekly.

SALESMAN, young man, age 26, four years' experience on road, would like position with first class jewelry house; best of references; at liberty after Sept. 1. Address "L., 7083," care Jewelers' Circular-Weekly.

YOUNG MAN, age 24, desires position with retail jeweler; A1 salesman and window dresser; can furnish best reference as to character, honesty and ability. Address "A., 7119," care Jewelers' Circular-Weekly.

WATCHMAKER AND SALESMAN, with New York experience, desires position with New York City jewelry house, where ability will be recognized; best of credentials furnished. "C., 7039," care Jewelers' Circular-Weekly.

SALESMAN, young man, 23, with a first class successful selling experience, is anxious to locate with reliable firm; acquainted in New England and Pennsylvania; first class references. "Anxious, 7084," care Jewelers' Circular-Weekly.

YOUNG MAN, age 25, desires position with importing jewelry and novelty house, or manufacturer, or jobber, to represent them in New York City or inside salesman. Address "Import Novelty, 7118," care Jewelers' Circular-Weekly.

EXPERIENCED SALESMAN open for engagement; thoroughly understands watch and jewelry lines; large acquaintance in city and on road; very best references. Address "High Grade, 7127," care Jewelers' Circular-Weekly.

A FIRST CLASS ENGRAVER desires position in Seattle, Wash.; can do all kinds of jewelry and silverware engraving and designing; position in store preferred. Address "German-American," care General Delivery, P. O., Colorado Springs, Colo.

YOUNG MAN, 21, six years' experience as fine clock and jewelry repairer; understand some new work; do setting, polishing, coloring and know how to make solutions; permanent position desired; good references; go anywhere; transportation and salary $16. "B. S., 7085," care Jewelers' Circular-Weekly.

A WATCHMAKER of recognized ability; trained in London; 15 years' American experience; seeks position in first class firm as fine watchmaker and adjuster; highest references; have also New York optical diploma. "H. G., 6794," care Jewelers' Circular-Weekly.

SITUATION, with reliable firm by man of 39, to travel and represent some line of the jewelry business; 12 years' experience as watchmaker and all around man in my own store; the West preferred; best of reference given; sober and honest. "Line, 1098," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 6963," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker, engraver and optician; good salesman, etc.; will be open for a position about Oct. 1; capable of taking full charge of store; only a steady position at a good salary will be considered; reference furnished. Address "E. F. O., 6995," care Jewelers' Circular-Weekly.

LETTER MONOGRAM CHASER of rings and raised monogram work; a man of recognized ability; 25 years' experience, desires a position soon, with firm willing to pay good salary; $25 per week; manufacturing and store experience; hours 8 to 6. Address "R., 7073," care Jewelers' Circular-Weekly.

BOOKKEEPER; position wanted by a young lady with several years' Maiden Lane experience in diamonds, watches and jewelry; competent to take charge of office, shipping and repairs; excellent saleslady, pleasing personality, at present employed. Address "Z., 7120," care Jewelers' Circular-Weekly.

OPEN FOR ENGAGEMENT about Sept. 15, an experienced watchmaker and up-to-date engraver; have other qualifications pertaining to the jewelry business, but prefer the above work only; 25 years' experience; 40 years of age; hours, 8 to 6; west preferred. Address "A. R., 7011," care Jewelers' Circular-Weekly.

A THOROUGHLY experienced manufacturing jeweler and first class designer of platinum diamond mountings, plain and fancy single stone diamond rings, cluster and fancy rings and ladies' rings; has held position as foreman with best houses; open for engagement at once; understands all factory work in detail. Address "M. D., 7112," care Jewelers' Circular-Weekly.

ENGRAVER, a mechanic and executive of known ability, just finishing contract, desires a change; all kinds of ornamental work, surface, relief or pierced; specialty Masonic and emblem work; cutting for enamel, chasing and die cutting pertaining to same; thoroughly reliable, best of reference; only A1 position with reliable firm will be considered. Address "Gravure, 6988," care Jewelers' Circular-Weekly.

YOUNG MAN, 25 years old, diamond expert, possessing complete knowledge of the wholesale diamond business, desires permanent position; long experience and first class references. Address "A. U., 7087," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, thoroughly acquainted with the department stores and jobbing trades, east and west, will be open for position Sept. 1; all communications strictly confidential; A1 references. Address "Hustler, 7096," care Jewelers' Circular-Weekly.

Side Lines Wanted.

WANTED, gold line of jewelry; gold rings, gold chains; representative firm's make of goods; to sell on commission in conjunction with my diamond business for cities, Philadelphia, Baltimore and Washington, D. C. Address E. M. Bracher, 929 Chestnut St., Philadelphia, Pa.

Help Wanted.

WANTED, lady bookkeeper; good salary if competent. Kling & Baer, 64 Fulton St., New York.

WANTED, watchmaker who understands his business; steady. T. A. Westmyer, Wheeling, W. Va.

EXPERIENCED clock repairer speaking English; apply immediately. 158 Newark Ave., Jersey City, N. J.

WANTED, optical clerk living in New York or suburbs. R., L. & M. Friedlander, 30 Maiden Lane, New York.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

JEWELER and engraver wanted; permanent position; $20 per week. Address "C., 7108," care Jewelers' Circular-Weekly.

WANTED, young man as bookkeeper; must come very highly recommended. Address "P., 7104," care Jewelers' Circular-Weekly.

WANTED, as an assistant, combination watchmaker, engraver and general repairer. Simon Cohen, 1130 State St., Erie, Pa.

WANTED, young man as salesman, engraver, jewelry repairer and optician; state salary expected. Lincoln H. Hall, Trinidad, Colo.

WATCHMAKER and engraver, and jeweler and engraver; permanent positions to competent men. Lachicotte & Co., Columbia, S. C.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

HELP WANTED.—Continued.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

BOOKKEEPER WANTED in wholesale jewelry house; one who can make himself useful. L. S. Meyer & Bro., 38 Maiden Lane, New York.

PERMANENT POSITION for thoroughly competent watchmaker; state salary and give reference in first letter. M. Berman, Altoona, Pa.

ENAMELER of long experience on class pin, Masonic, opalescent, gold, silver and metal. Address "Hustler, 7123," care Jewelers' Circular-Weekly.

SALESMAN WANTED to sell jewelry and silverware cases, as a side line, on commission. Address "E., 7128," care Jewelers' Circular-Weekly.

WANTED, by Aug. 15, watchmaker, jeweler and engraver; permanent position for a good man; salary $18 per week. John H. Morton, Branford, Conn.

FIRST CLASS engraver who can repair jewelry or do watchwork; steady position and good wages. Address "R. S., 7117," care Jewelers' Circular-Weekly.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Alabama.

WANTED, a young lady in a manufacturing jewelry office; one who has had some experience in this line. Address "Experience, 7099," care Jewelers' Circular-Weekly.

WANTED, several competent watchmakers, those with factory experience preferred; write application, stating age, experience, etc. Trenton Watch Co., Trenton, N. J.

SALESMAN, high grade, mounted comb line, not large, as side line to man calling on retail jewelry trade; road. Address "Manufacturer, 7142," care Jewelers' Circular-Weekly.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, WATCHMAKER, must be good salesman; experienced; salary based upon ability. Jules Ascheim, 37 Maiden Lane, New York; or, Southern Loan and Jewelry Co., Tampa, Fla.

WANTED, first class watchmaker, optician and engraver; also act as salesman; Connecticut city, 40 miles from New York City; good salary. "Conn., 7088," care Jewelers' Circular-Weekly.

WATCHMAKER, AT ONCE, of good habits; capable of taking charge of bench; position permanent; state age, experience, references and wages expected. C. J. Dunbar & Co., Princeton, Ill.

WANTED, a first class watchmaker, engraver and salesman; permanent position; $22.50 per week; send samples of engraving, reference and age in first letter. Address S. J. Rivoire, Monroe, La.

WANTED, a first class diamond setter, one who can make diamond mountings preferred; salary, $25 per week to start. Address A. C. Heinrich, Foreman, Geo. T. Brodnax, Inc., Memphis, Tenn.

WATCHMAKER, experienced in fitting and selling watchmaker's materials and tools; permanent position for the right man; call or correspond; reference. Aisenstein & Woronock, 22 Eldridge St., New York.

WANTED. CLOCKMAKER, who is also an experienced letter and monogram engraver; send samples of engraving with references; and state salary wanted. Address C. L. Byrd & Co., Memphis, Tenn.

SALESMEN, responsible men wanted who are now calling on drug, stationery or jewelry trade, to carry a side line of fountain pens; liberal commission to hustlers. "Pens, 7034," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker and optician wanted; good opportunity offered to right party; steady position; in one of the large cities in Pennsylvania; write at once. L. W. Rubenstein, 54 Maiden Lane, New York.

WANTED, manufacturing jeweler for fine retail store in Texas; must be fine general workman; one who can enamel and make fine settings; pleasant, steady position. Address "A. B., 7075," care Jewelers' Circular-Weekly.

WANTED, good watchmaker; must be first class workman, and of good address; good wages to the right party. Address, with references and full information, Radke & Co., Rush St. and Van Ness Ave., San Francisco, Cal.

WANTED, a salesman for jewelry and novelties; only a good hustler and one who knows the jewelry and novelty trade need apply; good salary and commission for the right man. Address "7111," care Jewelers' Circular-Weekly.

YOUNG LADY wanted, experienced in stock and office work; quick, accurate and neat. Louis Kaufman & Co., 82 Fulton St., New York.

GOOD POSITION open for stock and order clerk; must have experience in wholesale jewelry line. Henry Froehlich & Co., 68 Nassau St., New York.

WANTED, a first class optician; one who understands edge grinding preferred; steady employment and good wages to the right man; must come well recommended. Address "Central Connecticut, 6640," care Jewelers' Circular-Weekly.

POSITION OPEN in New York State for young man of ability to finish trade; must be ambitious and energetic; excellent store and bench education guaranteed. Address all essential particulars to "Square Deal, 7107," care Jewelers' Circular-Weekly.

WANTED, young man, watchmaker, jeweler and engraver, by Sept. 1, to work in retail store; a good job for right man; will pay $15 per week for first year and raise thereafter; send reference in first letter. Meyer & Schamber, Meridian, Miss.

WANTED, AT ONCE, A1 all 'round man of experience, and owner of tools; watchmaker, engraver and jewelry repairer; good references required; state wages wanted per week to Sept. 15. I. J. F. King Co., 209 Cookman Ave., Asbury Park, N. J.

OFFICE ASSISTANT; good opportunity for a bright young man about 21, residing in Newark; must be a good writer, quick to grasp ideas and execute his work; some experience in the jewelry trade preferred. Address "Permanent, 7090," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker by one of the largest stores in New England; give all particulars in first letter regarding salary, references and capabilities; good salary and permanent position to good man. Address "X. L., 7070," care Jewelers' Circular-Weekly.

WANTED, at once a strictly first class watchmaker who is also a fine all around engraver; pay $30 per week; position permanent to competent man; list of references, photograph and samples of engraving must accompany application to receive attention. Hight & Fairfield Co., Butte, Mont.

SINGLE MAN, first class watchmaker, engraver and salesman; good salary; permanent position to the right man; none other need apply; sample engraving, references and state salary expected in first letter; must own watchmaker's tools. J. J. Spencer, care Thoma Bros., Cincinnati, O.

WANTED, AT ONCE, a bright boy between 16 and 18 years, who can turn on small bench lathe; one who has some experience at watchmaking preferred; unnecessary to apply without good references; call in person. S. L. Van Wezel, 380 Canal St., Corner West Broadway, New York.

WANTED, a young man, 18 to 20 years old; some office experience; good penman, accurate at figures; apply by letter only; communications confidential. Larter & Sons, 21-23 Maiden Lane, New York.

WANTED, salesman for a leading American watch house to travel Pennsylvania and New York; an unusual opportunity; state experience and address in confidence, "Watches, 6930," care Jewelers' Circular-Weekly.

WANTED, first class combination man (watchmaker, jeweler and engraver); must be sober and well recommended; good salary and permanent position to good man; must be willing worker, rapid and thorough; single man preferred; state salary expected and send sample of engraving in first letter. H. R. Baltzer, Covington, Tenn.

WANTED, at once or Jan. 1, two road salesmen who can sell $40,000 and upward a year; write full particulars; amount of sales and territory traveled; to represent one of the largest jobbing houses in New York City; the largest and best line on the road; no watches; we want men who can earn a salary of $3,000 and upward. Address "Chance, 7091," care Jewelers' Circular-Weekly.

WANTED, a first class watchmaker and engraver; one who understands jewelry jobbing; good salary to strictly first class man; none other need apply; address with references. Cooper Queen Consolidated Mining Co., Bisbee, Ariz.

TWENTY-FIVE ($25) dollars weekly for a competent general jewelry salesman; must be thoroughly posted in handling silverware and cut glass; also must have A1 references and good character. Address Albert Pfeifer & Bro., Little Rock, Ark.

TRAVELER WANTED with established trade in the towns and cities of Michigan, Illinois and neighboring States, by leading ring manufacturer; correspondence strictly confidential; good opportunity for right man. Apply, "Hustler, 7122," care Jewelers' Circular-Weekly.

AN OPPORTUNITY to represent a leading manufacturer on the road, will be created for a young man with a knowledge of the jewelry business; must be of pleasing address and appearance, aggressive, naturally a good salesman and have best of reference. Address "L. K. T., 7121," care Jewelers' Circular-Weekly.

Business Opportunities.

FOR SALE, very cheap, old established jewelry and optical store. T. J. Skidmore, 750 Fulton St., Brooklyn, N. Y.

FOR SALE, a well established, good paying jewelry business in Chicago. Address "Paying, 7036," care Jewelers' Circular-Weekly.

WANTED, a partner with $10,000 in a well located jewelry business in Chicago; a fine chance for a hustler. Address "B., 7037," care Jewelers' Circular-Weekly.

ABOUT $4,000 will buy building, stock and fixtures of jewelry store, established 18 years in prosperous Western town of 100,000; last year's business $10,000; don't write except you mean business and have the money. "Answer, 7102," care Jewelers' Circular-Weekly.

I WANT YOU TO KNOW, Mr. Merchant, that if you wish to retire from business I can turn your store into cash; my charges are a small commission if I sell your store; no charges if I do not; write me; all is held in strict confidence. Address Dan. I. Murray, Broker, 3 Maiden Lane, New York.

CASH PAID for entire jewelry stores and stocks; send us your surplus stock, and we will send you a check by return mail; if our offer is unsatisfactory we return your goods; we act quickly and strictly confidential. Jos. Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, manufacturing jewelry business in good western city; no competition; plenty of city work, as well as surrounding country; most work, diamond mounting and emblem goods; shop well equipped; all expenses reasonable; good reasons for selling. Address, "P. H., 7019," care Jewelers' Circular-Weekly.

(*Special Notices continued on page 80.*)

THE LARGEST UMBRELLA MANUFACTURERS IN THE WORLD

Follmer, Clogg & Co.

NEW YORK PHILADELPHIA SAN FRANCISCO

Beg to announce that they are now showing for the Fall trade an immense assortment of distinctive creations in

Fine Umbrellas and Handles

including all the latest foreign novelties, especially selected and suitable for the jewelry trade. Visiting jewelers should see this display,

THE LARGEST IN THE WORLD



"PERFECTION"

A Diamond-Pointed Drill

For drilling Glass, Lenses, Stone or any Hard Substance

Price $5, $6, $7

According to Size and Quality

MENDES CUTTING FACTORIES

12-16 John Street NEW YORK



A New Eyeglass Holder Prevents Loss of Glasses from Hook

PRACTICAL—SIMPLE—SAFE—SECURE

A new and novel idea which has overcome the possibility of loss once glasses are entrusted to it. Glasses attached to this hook can only be removed at will of wearer and in the simplest manner. The feature of this hook is a "HUMP" engaged by a "LOOP" making a secure connection.



PAUL GOUGELMAN, Manufacturer, 37-39 Maiden Lane, New York.

Trade-Marks

of the Jewelry and Kindred Trades.

Second Edition. Over 4,000 Marks.
Price, $3.00.

THE JEWELERS' CIRCULAR PUBLISHING CO., 11 John St., New York.

Special Notices.

(Continued from page 79.)

BUSINESS OPPORTUNITIES.—Continued.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

For Sale.

GENUINE, up-to-date Clement tool, complete; practically brand new; $25. "Genuine, 7074," care Jewelers' Circular-Weekly.

FOR SALE, 36 brand-new mahogany trays, plain, lined with good purple velvet; size, 10½ by 7, to stack; sell regularly for $12 per dozen; sacrifice for $7 per dozen. "Box, 7095," care Jewelers' Circular-Weekly.

$48 TO $58 PER CARAT for diamonds; sounds cheap, but I have a lot of ½ to ¾ carat fine white, old mine diamonds, bought this week from an estate; I will sell them at this price; don't wait a moment to write for them; wire to-day as I often sell out same day I buy; try me once for bargains in diamonds; sent on memorandum to well rated dealers; express paid on all bills of $100 or over. Dan. I. Murray, Broker, 3 Maiden Lane, New York.

AT 25 per cent. to 40 per cent. less than regular price, a job lot of real amber necklaces, fine cut jet brooches, jewel necklaces, French pearl necklaces and cut crystal hat-pins, all of German and French manufacture; must be sold at once; price, $1.25 per dozen up to $60 dozen, less 5 per cent. 10 days, net 30 days; selection packages on memorandum to well rated dealers; any one lot if you want ambers and jets at cut prices; be quick or you will regret it. Dan. I. Murray, Importer, Broker, 3 Maiden Lane, New York.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

FOR RENT, a desirable light office in the Prescott Building, eighth floor; for particulars inquire at room 55, 65 Nassau St., New York.

Wanted to Purchase.

WANTED, to purchase, store regulator clock, roll-top bench and wall cases. "N. L.," 962 Amsterdam Ave., 107th St., New York.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ATLANTA, GA., H. A. Maier (Maier & Berkele), 182 Broadway.

BALTIMORE, MD., S. Katz (S. & N. Katz), Herald Sq.
J. Levi, Astor House.
I. Salabes (Lewyt & Salabes), Marlborough.
M. Schneeberger (Goldenberg Bros.), Broztell.
Miss N. E. Williams (Cahn-Coblens Co.), Grand.

BIRMINGHAM, ALA., H. A. Drennan (Drennan Co.), Marlborough.

BOSTON, MASS., H. Jehlinger (H. Siegel Co.), Imperial.
H. T. Maynard (Maynard & Potter Co.), Imperial.
S. Y. Pierce (H. Siegel Co.), Imperial.
T. Stewart (Shepard-Norwell Co.), Herald Sq.
F. T. Whitney (F. T. Whitney & Co.), Astor House.

BUFFALO, N. Y.—R. N. Cairo (Sweeney Co.), Herald Sq.

CHICAGO, S. T. A. Loftis (Loftis Bros. & Co.), Netherland.
Miss L. Goldman (Goldman Bros.), 107 E. 10th St.
T. Novy (L. Klein), Woodward.
D. Stone (Stone & Co.), Woodstock.
F. W. Wilson (Marshall Field & Co.), Imperial.

CINCINNATI, O., F. Herschede (Herschede Hall Clock Co.), Wellington.
R. H. Doepke (Doepke Bros.), Imperial.
Max Rauch (Mabley & Carew), Prince George.
I. Schwartz, Raleigh.
H. J. Subers (Mabley & Carew), Prince George.

CLEVELAND, O., C. I. Goldsmith (Goldsmith Bros.), St. Denis.

COLUMBUS, O., W. G. Bancroft (Bancroft Bros. Co.), Herald Sq.
F. T. Petri (Kensel & Petri), Wellington.

GALION, ILL., J. W. Coatsworth, Bartholdi.

GONZOLA, TEX., R. P. Johnke, St. Denis.

KANSAS CITY, MO., S. W. Lane, Normandie.

MARIETTA, O., W. J. Wittlig (J. Wittlig & Sons), Imperial.

MEMPHIS, TENN., W. E. Graves (A. Graves Co.), Albert.
L. P. James (J. Goldsmith & Sons), Herald Sq.

NASHVILLE, TENN., A. P. Roy (Castner, Knott Dry Goods Co.), 214 Church.

NEW ORLEANS, LA., Henry Roder, Astor House.

OMAHA, NEBR., H. Copley, Navarre.

PETERSBURG, VA., S. M. Rosenstock (A. Rosenstock & Co.), Woodstock.

PHILADELPHIA, PA., E. M. Bracher, Union Sq.
E. Boehm (Gimbel Bros.). Albert.
Miss H. Darmstadter (Lit Bros.), Webster.
L. S. Hinman (John Wanamaker), Prince George.
C. L. Marks (Marks Bros.), Cumberland.

PITTSBURG, PA., T. Kaufman (Kaufman Bros.), Savoy.

PLATTSBURG, N. Y., G. T. Tuttle (Tuttle & Parshall Co.), Breslin.
W. F. Parshall (Tuttle & Parshall), Holland.

PROVIDENCE, R. I., R. L. Birtwistle (Shepard Co.), Imperial.
C. Smith (O'Gorman Co.), Imperial.

RICHMOND, IND., S. M. Jenkins (S. M. Jenkins &. Co.), Astor House.

ROCHESTER, N. Y., C. Shanks (McCurdy & Norwell Co.), 55 White St.

ST. JOSEPH, MO., P. F. Slade (Tootle, Wheeler & Motter Mer. Co.), Marlboro.

ST. PAUL, MINN., Miss F. Flynn (Schuneman & Evans), St. Andrew.
H. B. Deake (Schuneman & Evans), Grand.

SANDUSKY, O., C. L. Engles (C. L. Engles Co.), Albert.

SAVANNAH, GA., F. Kanders (L. Adler), 4 Washington Pl.

SCRANTON, PA., H. Mooney (J. Long's Sons), Woodstock.

SEATTLE, WASH., H. Silver, Herald Sq.

SIDNEY, N. Y., G. W. Cooley, Albert.

SIOUX CITY, IA., R. M. Slick (Davidson Bros.), Herald Sq.

SPRINGFIELD, MASS., F. L. Sturtevant (Forbes & Wallace), Herald Sq.

SYRACUSE, N. Y., Miss K. Sullivan (E. W. Edwards & Son), Victoria.

TROY, N. Y., J. W. F. Podmore (Jones & Podmore), Albert.

UTICA, N. Y., M. N. Fuhrman (A. S. & T. Hunter), Grand.

WASHINGTON, D. C., A. Rosenthal (M. Goldenberg), Grand.
C. Kattelmann, St. Denis.

WILMINGTON, N. C., J. H. Honnet (G. W. Honnet), Imperial.

News Gleanings.

John H. Gooley, formerly in the employ of the Waterbury Clock Co., Waterbury, Conn., died recently of typhoid fever at his home in that place.

A recent dispatch from Lima, O., announces that the Lima Watch Co. has acquired title to the Hawisher Block at that place and will soon resume business there.

Burglars recently made an unsuccessful attempt to break into the retail store of John E. White, Greenwich, Conn. They were frightened off before completing their plans.

A new clock will shortly be placed in the tower of the Pennsylvania Railroad station, in Wilmington, Del. The timepiece will be located directly above the main entrance to the station.

Albert Perranod, a watchmaker of New Bedford, Mass., was accidentally shot last week by a friend who was loading a revolver. The bullet was removed at St. Luke's Hospital, and it is expected that the victim will recover.

E. J. Leben, who until recently conducted a jewelry business in the Hotel Windsor block, Americus, Ga., was recently adjudicated a bankrupt. The first meeting of creditors will be held in Macon, Ga., on the morning of Aug. 10.

An unknown man while in the act of looting the retail jewelry store of John Edwards, Spokane, Wash., was recently shot by a police officer. The wounded man was taken to the Sacred Heart Hospital, where it is reported he will probably die.

A new clock made by the Seth Thomas Clock Co., Thomaston, Conn., has just been installed in the spire of the Presbyterian Church in Bridgehampton, N. Y. It has four dials painted with black enamel, the numbers and hands being of brass.

Roehm & Son, Detroit, Mich., have dissolved partnership after having been engaged in business for the past 20 years. Robert J. F. Roehm, the senior member, will continue the retail business on Woodward St., and Ed. Roehm will engage in the manufacture of fraternity jewelry, of which the old firm of Roehm & Son made a specialty.

H. H. Vath, Sandy Lake, Pa., has bought the jewelry business of County Commissioner F. P. Craig and has moved the stock to a room in the Hotel Whitling block. Mr. Craig gave up the business because the duties of his office call for all of his time.

George E. Elliott, formerly in business in Iowa Falls, Ia., was recently the victim of a fire which burned a freight car near New Hartford, Ia., containing his stock of jewelry, household goods and family clothing. Elliott was moving from Iowa Falls to Ackley, Ia.

At a recent meeting of the board of directors of the J. J. Boyd Optical Co., York City, Pa., it was decided to increase the firm's capital stock from $10,000 to $30,000. A stockholders' meeting to ratify the action of the board will be held Friday, Aug. 10. The concern has offices in Harrisburg, Chambersburg, Lebanon and York.

Chas. Trenton, one of the negroes who entered the store of Jas. Feaster, Piedmont, Md., a short time ago, and who, after binding and gagging the jeweler and his clerk, W. Calahan, secured $100 in money, a valuable diamond ring and a gold watch, was convicted last week at Keyser, Md., and sentenced to 20 years' imprisonment in the West Virginia Penitentiary.

Chief of Police Wappenstein, Seattle, Wash., is using his best efforts to exclude from the city bogus jewelry auction establishments. In a recent interview he said that despite the fact that these places are licensed it will not prevent him from arresting the owners. Whenever a complaint of fraud is made it will be investigated and the guilty party arrested. Crime, he says, is not to be licensed in Seattle.

Providence.

It is expected that about the first part of April next the new jewelry building that is to be built at the corner of Pine and Garnet Sts. will be completed.

While leaving his boat at Field's Point recently, S. H. Brower, who is salesman for Edwin Lowe & Co., fell on the edge of the wharf, fracturing one rib. His injury is slowly mending.

The Midwood-Read Co. has taken over the assets and business of Read & Lincoln. Walter Midwood is the president of the new concern and W. A. Read is vice-president. Mr. Lincoln has withdrawn from the firm. The new concern has a capital stock of $50,000.

Walter D. Darby, of this city, superintendent and designer for Goodnow & Co., silversmiths, Boston, was on July 25th presented by the employes with a silver salver and cut glass wine set, as an expression of the deep regard in which he has ever been held during his 12 years' connection with the firm.

The meeting of the Insurance Underwriters last Monday resulted in the rates in the congested district, including the so-called jewelry district, being advanced 15 per cent. This move has been made in other cities, and it was anticipated that it would come here as a result of the heavy losses in San Francisco.

At a meeting of the creditors of Frank T. Pearce Monday it was voted to appoint George H. Newhall as trustee to settle the affairs of the business. The bond is $10,000 and the appraisers are John M. Buffinton, Walter P. Sherman and Eugene A. Eddy. The hearing will be continued until next Monday to enable some of the creditors to look over the books.

Have You Seen That New Display OF COMBS ? BRACELETS



Our new display assortment of Combs, containing many new and beautiful designs, is now ready.

This assortment will be shipped on approval to your store by prepaid express. If, on examination, the Combs are not satisfactory you may return all or part of them at our expense.

This assortment is made up of patterns that we have found from experience are the best selling lines, and it will not fail to increase your trade on Combs. Now is the time to get this assortment in your stock, so write for one to-day.

Give this assortment a trial and you will find that the Combs will uphold every statement that we make about them.



Our line of bracelets for this season being much larger and more varied than ever before has enabled us to make our Bracelet Display Assortment of unequalled value.

This display will be sent to your store on approval by prepaid express. If, on examination, the bracelets are not satisfactory in all respects you may return them at our expense.

Write us to-day for a display assortment of bracelets. It costs you nothing to see them. They will please you and, what is more to the point, they will please your customers.

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CONTRACTS.

5. Contracts by Mail, Telegraph and Telephone (Continued).

(*Continued from issue of July* 11.)

THE question has arisen as to whether or not contracts are complete where the acceptor withdraws his letter from the postoffice after once mailing it, and it has been held that the mailing constituted the acceptance and the withdrawal of the letter afterwards from the postoffice was not a retraction of the acceptance sufficient to relieve him from the consequences.

Where a letter containing an acceptance or a proposal is properly mailed the contract is completed at the time of the mailing of the acceptance, even although the letter miscarry and never reach the one making the offer.

Example: A in Detroit writes a letter to B in New York offering to sell him 500 dozen eggs at 8 cents a dozen. B deposits a letter, accepting the offer, within a few hours after his receipt of the proposal, in a box provided by the postoffice authorities for the receipt of letters. A mail clerk instead of depositing the letter in the receptacle for westbound mail puts it in the receptacle for New England mail and the letter goes to Massachusetts instead of to Michigan, and does not reach A in Detroit for a week after it was mailed. In the meantime A sells his eggs to another customer. What is the result?

The contract was complete at the time when B mailed his letter of acceptance and A is held in damages for refusal or failure to carry out his contract to deliver the goods.

One may of course withdraw an offer before it is communicated to the person to whom it is sent.

Example: A in Detroit mails a letter to B in New York offering to sell 500 dozen eggs at 8 cents a dozen. Two hours later he is enabled to sell the eggs in Detroit. He thereupon wires B to disregard offer previously made. B cannot on receiving A's offer accept it and thereby bind A.

If by the terms of an offer a certain time be prescribed within which it may be accepted by the other party it must be accepted within that time; and an acceptance after the time will not constitute a contract that will bind the party making the proposal.

Example: A in Detroit offers by mail to sell B in New York 500 dozen eggs at 8 cents a dozen, if accepted within 24 hours after the receipt of the proposal. Twenty hours after the receipt of the proposal B mails his letter of acceptance. A valid contract was thereby made, even though the letter of acceptance did not reach A until 48 hours thereafter. Should B wait 25 hours after receiving the letter of proposal his acceptance would be of no avail.

An offer may be withdrawn even although the offerer has agreed to leave the offer open for acceptance for a stated time. It cannot be withdrawn, however, within a time stated where there was any consideration given for the option or time limit. Where there is no money consideration and no corresponding promise by the person to whom it is made, the promise not to withdraw the offer has no binding force. If a consideration for the undertaking to leave the offer open is given and accepted this constitutes of itself a contract and the offer cannot be withdrawn within the time.

An offer is to be considered as open for a reasonable time; after a reasonable time has elapsed an acceptance will be too late. What is reasonable time will depend on the particular case and its circumstances.

Where the offerer is at liberty to retract, the retraction must be communicated to the offeree before he has accepted the offer. If the offerer dies before the acceptance the offer is necessarily revoked by his death. An acceptance mailed before but not received until after the death of the offerer makes a binding contract.

Notice of dissolution of partnership revokes an offer by the partnership, but an acceptance mailed before the notice of dissolution is received, makes a binding contract.

When the letter or telegram of acceptance has been deposited the acceptor cannot disaffirm his acceptance or prevent its effect by a subsequent retraction of the acceptance.

Example: A in Detroit mails to B in New York an offer of 500 dozen eggs at 8 cents a dozen. B posts his letter of acceptance in the postoffice, or postoffice letter box, on the following day. Two hours later he concludes to withdraw the acceptance and telegraphs A that he withdraws acceptance previously mailed. A receives the telegram before he receives the letter of acceptance. The contract is nevertheless binding and A may disregard the telegram.

(*To be continued.*)

Connecticut

The family of Albert L. Sessions have just returned home from Cottage City, Mass., where they have been spending the Summer.

E. B. Laphan, of the New York office of the Seth Thomas Clock Co., Thomaston, was a visitor in Thomaston last week on business.

Wm. Sessions has purchased a large tract of land on Queen St., Bristol, adjoining the residence of Chas. T. Treadman and Judge R. S. Newell.

Alexander Weed, Stamford, recently received from San Francisco, Cal., a relic from the ruins of the Thomas Hotel, also the skin of a California rattlesnake.

Samuel Barker, an employe of the Seth Thomas Clock Co., Thomaston, had two fingers badly lacerated last week, while at work on a buzz planer in the factory.

Some of the departments at R. Wallace & Sons Mfg. Co.'s plant, Wallingford, were started on full time, 60 hours per week, instead of 55 hours, as in the past several weeks.

Mrs. C. H. Tibbets recently donated to the Wallingford Public Library an illustrated set of Burton Holmes' lectures, consisting of 10 volumes, also the *Outlook* for the ensuing year.

G. H. Wilkinson, formerly a watchmaker and optician for S. W. Tasch, Danbury, has resigned and moved to Rochester, N. Y., where he will take a post-graduate course at the Rochester School of Optometry, after which he will return to Danbury. O. Y. Ladd, formerly of Jamaica, L. I., has succeeded Mr. Wilkinson in his former position.

Martin F. Perkinson, formerly in the factory of the New England Watch Co., Waterbury, also Republican leader of the Fifth Ward, and Miss Mary E. Flaherty, were recently united in marriage.

F. C. Chidsey, who for several years had been employed by F. N. Taylor in the optical business in Windsor, with the exception of a few years when he was in business for himself in New London, has moved to New Britain.

Dr. Wm. E. Nuss, a well-known optician of New Haven, where he had an office at 828 Chapel St. for the past two years, died July 31 at his home at 57 Garden St., at that place. The deceased is survived by a widow and one daughter.

Employes in the grinding and polishing departments in Factory "H," International Silver Co., Meriden, held their annual outing at Bartlett's Field, July 31. A baseball game was played and refreshments were served. There was also an enjoyable musical programme.

The Sick and Funeral Aid Society, organized by the employes of Factory "N," International Silver Co., met recently and elected the following officers: President, C. J. Heinemann; vice-president, J. J. Killeen; secretary, Theo. S. Penney; treasurer, Joshua Shute. The treasurer's report showed a balance in the treasury of over $400.

All attempts to start the water wheel of the Shelton factory of the International Silver Co., July 31, proved futile. An investigation of the trouble showed that the cog which fastens the wheel to the shaft had slipped out of position. While this could be quickly replaced, it was thought best to put in place of the cog a screw which could not be shaken out of place.

George E. Edwards, second vice-president of the International Silver Co., Bridgeport, and head of the Holmes & Edwards Silver Co., at the same place, was severely injured in a thrilling runaway accident on the evening of July 31. A dispatch from Bridgeport states that Mr. Edwards sustained a fracture of the left clavicle. The horse broke his right foreleg and was later shot.

In the athletic events which were held in connection with the recent outing of the firemen of Factory "L," International Silver Co., at Mansfield Grove, the 100-yards dash was won by F. O'Keefe, who covered the distance in 12 seconds. Other winners were: Relay race, E. Gardner, J. Sullivan, E. Cox, W. Smith and E. Gray; running broad jump, F. O'Keefe; hop, skip and jump, Mr. Worrell.

The will of the late Christian Strobel was recently filed for probate. Under its terms the stock in the Lake & Strobel Co., the interest in the Woodbury and Waterbury Railroad and a farm at Middlebury are bequeathed to a brother, George J. Strobel; the residence on N. Willow St., together with all the rest of the estate, goes to a sister, Miss Emma Strobel. George J. and Emma Strobel have been appointed executors of the will.

IS YOUR SAFE SAFE?

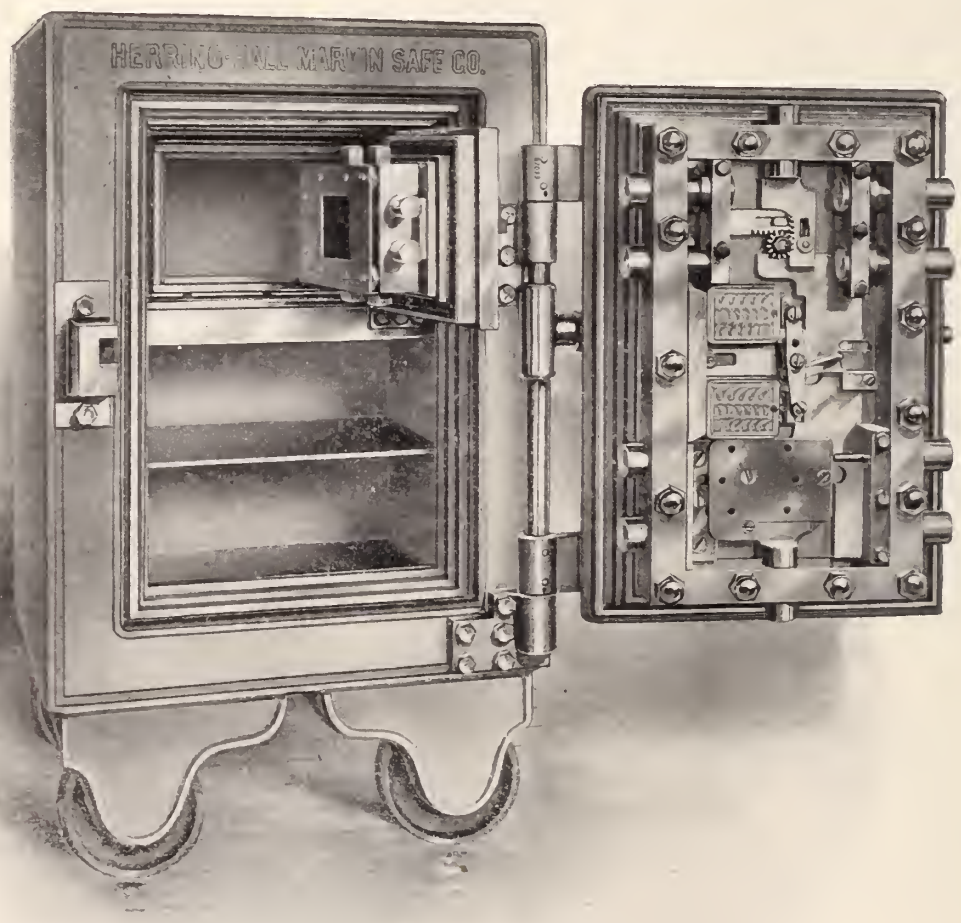
DORRANCE BATTIN CO.,

1103 Broadway, Oakland, Cal., May 22, 1906.

HERRING-HALL-MARVIN SAFE CO., Oakland, Cal.

Gentlemen: We take pleasure in informing you that of the four safes which we lost in the recent fire at 120 Sutter St., San Francisco, Cal., the only one that contained goods of any value was the safe of your manufacture. It fell about thirty feet into the basement of the building, where it remained for about fifteen days, and of the twenty-five or thirty safes that were opened there at this time, this was the only one that showed its contents practically intact.

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PATENT DEPARTMENT

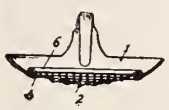
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF JULY 31, 1906.

827,101. STRAINER-SPOON. Claire Hutchins, Buffalo, N. Y. Filed Jan. 6, 1906. Serial No. 294,969.

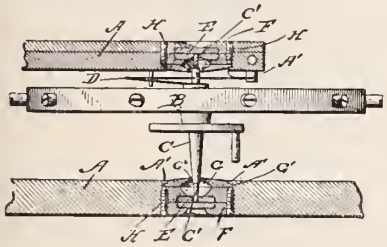
A strainer-spoon comprising a formed spoon-bowl and a perforate material to constitute a strainer, an opening in said spoon-bowl, and the



periphery of said opening being flanged upwardly and outwardly to form a seat for said strainer, and flanged inwardly and downwardly upon said strainer to hold the same in place.

827,137. WATCH-BALANCE-STAFF PROTECTOR. James R. G. Addington, Gate City, Va., assignor of one-half to Hugh J. Addington, Gate City, Va. Filed June 7, 1905. Serial No. 264,180.

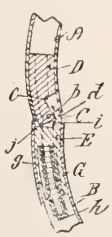
In a balance-wheel-staff protector the combination with the plates having the jewel-settings and jewels arranged in the opening thereof and a protector



held in the openings in the plate and having a central opening through which the staff is adapted to pass, said central opening being a diameter slightly greater than the diameter of the staff.

827,164. SELF-CLOSING BRACELET. William I. Macomber, Providence, R. I. Filed March 13, 1906. Serial No. 305,881.

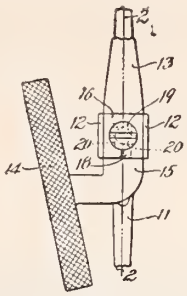
In a self-closing bracelet, the combination of a joint-piece provided with opposite grooves, the



yoke held in the said grooves, and the actuating-spring, with the opposite joint-piece, pivoted to the yoke and adapted to fulcrum upon the end of the grooved point-piece when the arms of the bracelet are being opened.

827,185. EYEGLASSES. Elmer P. Sawtelle, Boston, Mass., assignor of one-half to John Stevens, Valley City, N. Dak. Filed Feb. 26, 1906. Serial No. 302,868.

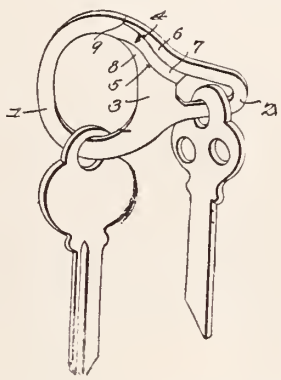
In a device of the character described, a lens-holding stud or post, a spring, a screw for clamping said spring to said stud, said screw having a rigid head provided with a depression in its under side, a locking-plate provided with a resilient tooth adapted to engage said depression, said tooth lo-



cated beneath the head of said screw and projecting laterally therebeyond, and means for holding said plate against rotary movement.

827,187. KEY-RING. Henry Smith, Raleigh, N. C., assignor to Charles D. Wildes, Raleigh, N. C. Filed Sept. 14, 1905. Serial No. 278,459.

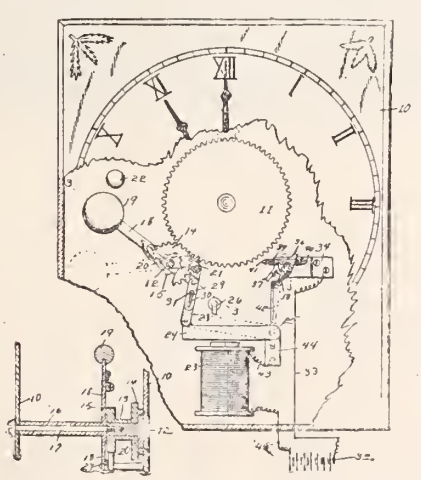
A key-ring comprising a main and a supplemental loop, and provided on one side with three



tongues, two of which terminate on the same side of the main loop and the remaining one of which terminates with the supplemental loop.

827,218. ELECTRICALLY-WOUND CLOCK. Arie De Vos, Des Moines, Ia., assignor of one-half to S. S. Still, Des Moines, Ia. Filed June 30, 1904. Serial No. 214,728.

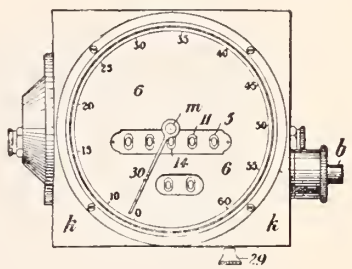
The combination of a clockwork mechanism, an electric circuit, an electromagnet included in the circuit, a movable armature for the magnet, a yielding pressure device arranged to have power stored in it by the movement of the armature toward the magnet and also arranged to operate the clockwork mechanism by its own power, a contact-point movable by the armature and included



in the circuit, a second contact-point in the circuit to be engaged by the first, a contact-arm attached to the armature and included in the circuit, a second pivoted contact-arm included in the circuit and in position to be engaged by the first as the armature approaches its limit of movement away from the magnet, and a limiting device arranged to stop the pivoted contact-arm before the armature reaches its limit of movement away from the magnet to permit said contact-arm on the armature to pass out of engagement with the pivoted contact-arm at the end of its movement away from the armature, in the event that the magnet should fail to attract the armature.

827,261. SPEED-INDICATOR. Robert B. North, Soho, England. Filed Dec. 13, 1904. Serial No. 236,688.

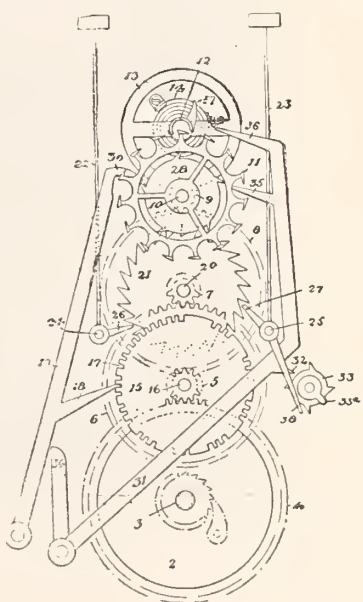
In a speed-indicator, the combination with a driven governor-spindle; of a governor secured at one end to the shaft, a sliding sleeve on the spindle, a rack on the sleeve and rotatable therewith,



a plurality of springs of different strengths on the spindle adapted to be successively compressed by the sleeve when the governor moves outward by increase of speed, and an indicator directly operated by the sliding movement of the rotating rack.

827,275. CLOCK STRIKING MECHANISM. Leiser L. Voldo, New York. Filed Oct. 8, 1904. Serial No. 227,725.

In a striking mechanism for clocks, a spring-driven train of gears, an escapement-wheel and balance-wheel in train with said gears and independent of any other, a counting-wheel in connection with said train of gears, a toothed wheel fast with respect to the escapement-wheel, an arm



having a tooth to engage said counting-wheel and an extremity adapted to simultaneously engage said tooth wheel, a lever adapted to engage said arm to release it and the balance-wheel to start it, means adapted to be actuated by clockwork to trip said lever at predetermined intervals, and a hammer adapted to be operated by said gear-train.

827,309. CHUCK FOR HOLDING PEARL BUTTONS, ETC. Louis W. Holub, New York, assignor to the Holub-Dusha Co., New York. Filed Feb. 16, 1904. Renewed March 8, 1906. Serial No. 304,900.

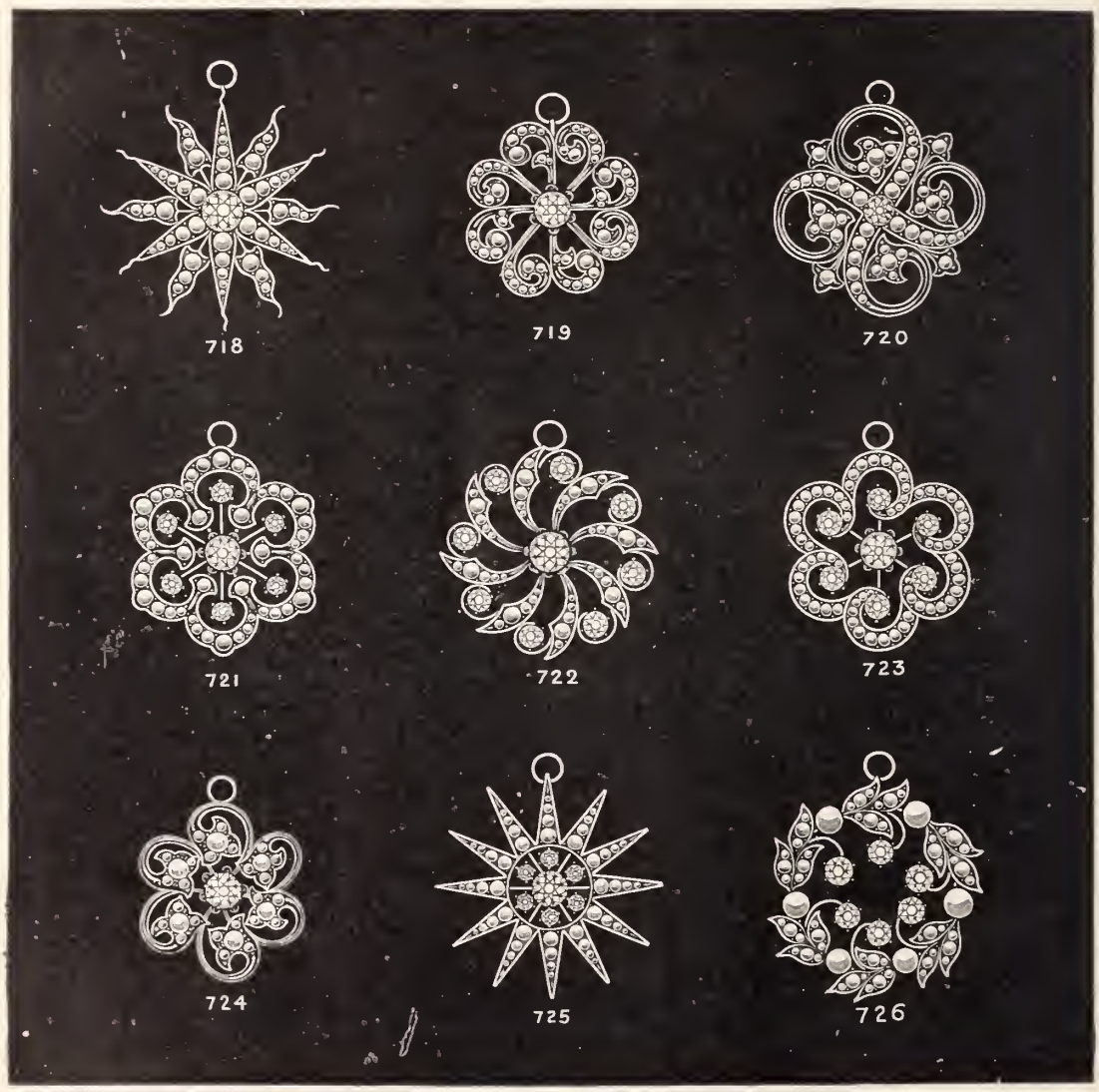
In combination with a chuck rotatably mounted and having its shell at a point adjacent its lower end provided with a fixed ring, a sleeve encircling the chuck-shell and bearing on said ring, and means for supporting said chuck comprising a plurality of fixed bearings the lower of which encircle said sleeve and being formed with a longi-



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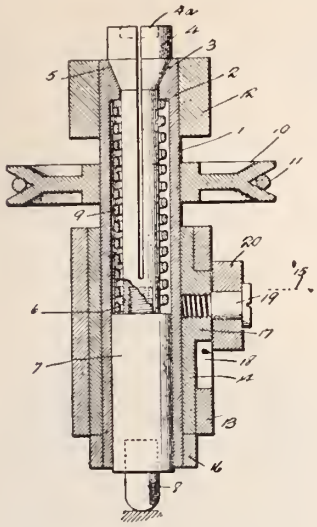
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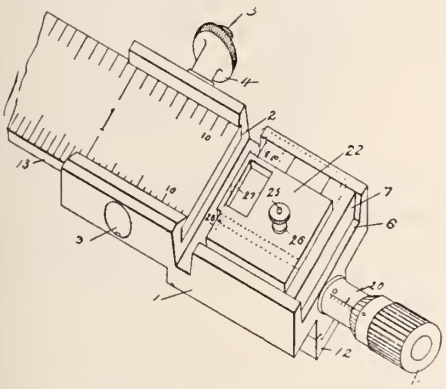
tudinal slot, a rib formed integral with said sleeve and projecting through the slot of said last-named



bearing, and a roller carried by said rib.

827,443. MICROMETER ATTACHMENT FOR LINEAR SCALES. Adolph F. Henrikson, Troy, N. Y. Filed May 14, 1906. Serial No. 316,677.

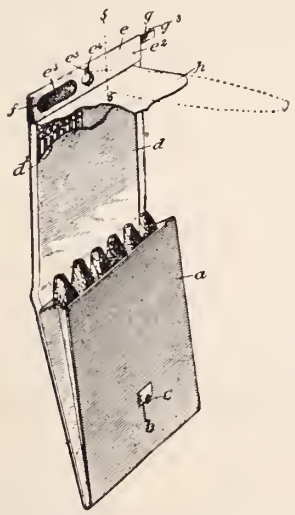
In a device of the class described, the combination with a receptacle for one end of an ordinary linear scale; of an index member movably mounted



upon said receptacle in line with said scale, and screw mechanism for adjustably moving said index member relatively to said scale.

827,558. CIGAR-CASE. Magnus Niell, New York. Filed Feb. 15, 1906. Serial No. 301,159.

A cigar-case having a cutter provided with a binding-sheet, said binding-sheet having a perfor-



ation adapted to receive the end of a cigar, said perforation having a notch for receiving a device to be locked, and a bar located in said binding-sheet and provided with a blade for sliding across said opening, the rear surface of said blade being adapted to simultaneously move across a portion of said notch for locking purposes.

827,500. METHOD OF MAKING BIFOCAL LENSES. Charles N. Brown, Quincy, Mass., assignor to F. A. Hardy & Co., Chicago. Filed Jan. 25, 1906. Serial No. 297,755.

The method of making blanks for composite



lens, which consists in providing the members of the blank with curved surfaces of different curvatures, placing the curved surfaces in contact, and heating the said surfaces to cause the surface of one curvature to change its shape and conform to the curvature of the other surface and unite therewith.

DESIGNS.

38,135. BUTTON. William J. Wolff, New York, assignor to Meyer Rothschild and Richard Kuno, New York. Filed June 15,



1906. Serial No. 321,946. Term of patent 3½ years.

38,136. BUTTON. William J. Wolff, New York, assignor to Meyer Rothschild and Richard Kuno, New York. Filed June 15,



1906. Serial No. 321,947. Term of patent 3½ years.

38,137. BADGE. Frank Bush Davison, Norfolk, Va. Filed June 22, 1906. Serial No. 322,-



977. Term of patent 3½ years.

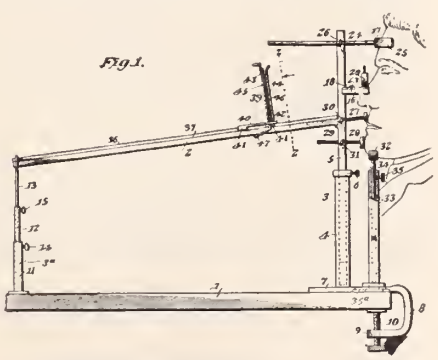
38,138. SPOON OR SIMILAR ARTICLE. George E. Homer, Boston, Mass. Filed May



31, 1906. Serial No. 319,657. Term of patent 7 years.

ISSUE OF JULY 3, 1906 (CONTINUED.)

824,900. EYE-TESTING INSTRUMENT. Willard A. Bates, Princeton, Me.; Hiram A. Bates administrator of said Willard A. Bates,

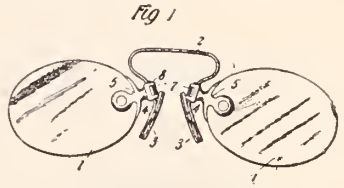


deceased. Filed Aug. 20, 1903. Serial No. 170,222.

An optical instrument comprising a bar, front and rear sectional supports therefor, one section of the front support being rigid with the bar and extended above the same, an eye-distance gage and a lens-holder both carried by said section, and a chart-holder mounted on the bar.

824,944. EYEGLASSES. Emil B. Meyrowitz, New York, assignor to the Meyrowitz Mfg. Co. Filed Aug. 2, 1904. Serial No. 219,203.

An eyeglass-post having a threaded recess and a pair of loops having aligned passages and disposed



one on each side of said recess, and the side faces of said loops opposite each other occupying positions adjacent to said recess, and a screw seated in said recess and having a head with milled or roughened sides whereby it is capable of rotating, but with a frictional resistance against said side faces.

ISSUE OF JULY 10, 1906 (CONTINUED.)

825,842. BARETTE. Edward B. Kingman, Leominster, Mass. Filed Feb. 9, 1905. Serial No. 244,853.

As an article of manufacture, a barette consisting of a single piece of sheet material comprising a back or body portion having a longitudinal fold



on one edge and near one end, a spring-tongue integrally connected with said fold and extending along the rear of said back or body portion between the edges thereof, and a piece bent up transversely with respect to the back on the opposite edge and near the other end thereof forming a socket to be engaged by the spring-tongue.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for THE JEWELERS' CIRCULAR-WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued July 30, 1889.

407,789. EYEGLASS FRAME. F. W. Nolte, St. Louis, Mo.

407,826. ART OF MAKING CUTLERY-HANDLES. Allen Johnston, Ottumwa, Ia.

407,863. POCKET-KNIFE. H. C. Hunt, Newark, assignor of one-half to G. B. Adams, Irvington, N. J.

407,945. ELECTRIC-CLOCK. Alfred Speer, Passaic, N. J.

407,953. PROCESS OF ORNAMENTING GOLD SURFACES. Louis Jagielsky, New York.

407,977. CALENDAR-CLOCK. H. F. Wells, Friendship, N. Y., administrator of A. F. Wells, deceased.

407,999 and **408,000.** FOUNTAIN-PENS. D. C. Demarest, Denver, Colo.

408,013. MUSTACHE-PROTECTOR. J. O. Hibbard, Hartwell, O.

408,037. WATCHMAKER'S TWEEZERS. J. A. Miller, Cairo, Ill.

408,081. PERCOLATOR FOR COFFEE-POTS. J. M. Chadwick, Gadsden, Ala., assignor of one-half to A. T. Fuller, same place.

408,109. EYEGLASSES. R. C. Kennedy, New York.

408,151. ELECTRIC EYEGLASSES. Hermann Welcker, Berlin, Germany.

408,179. GARTER. Jacob Katzenberg, New York.

(*Patents continued on page 87.*)

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BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF JULY 18, 1906

5,753. COATING METALS. R. Brown, Tyrone, Ireland. March 18.

Metallic surfaces, either plain or previously decorated or printed, are protected by a coating of wax of any kind, preferably applied by dipping the article into a bath of the wax or of a solution of the wax in any solvent and allowing to dry by hanging in a hot room, or by the use of a centrifugal machine, or other means.

5,758. ELECTRIC CLOCKS AND STEP-BY-STEP DEVICES. G. B. Bowell, Westminster. March 18.

Relates to an electromagnet rotary step-by-step device suitable for secondary electric clocks, etc. An iron disk *c*, with shaped projections as shown is mounted to rotate in the field of an electromagnet *a*. An "all-or-nothing device," on the break of the electric current, moves the disk further forward so as to bring it into its most favorable starting position for the next cycle of operations.

FIG. 1.

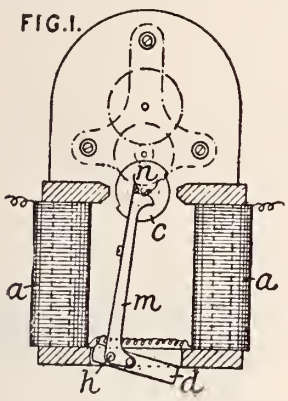
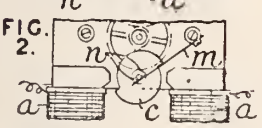


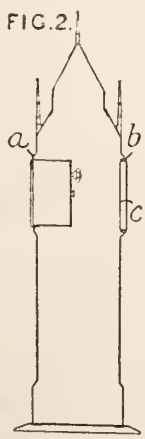
FIG. 2.



The "all-or-nothing device" may consist, as shown in Fig. 1, of two pins *n* on the disk, and a lever *m* pivoted at *h* and weighted with an iron bar *d*, which is raised when the electromagnet is energized. The pins are free to revolve when the lever *m* has moved to the left. A banking-spring is arranged as shown. The pins may gear directly with a wheel, or be fixed to one of a train of wheel as shown. The electromagnet may act directly on the arm *m*. In the form shown in Fig. 2, a spring *m* or a spring lever or weighted lever bears on the pins *n*; or the spring *m* acts on a cam on the arbor. Gear-wheels or a worm-gear may be used instead of the two pins.

5,794. CLOCK CASES; BOXES, ETC. W. J. Moon, Temple Back, Bristol. March 20.

FIG. 2.

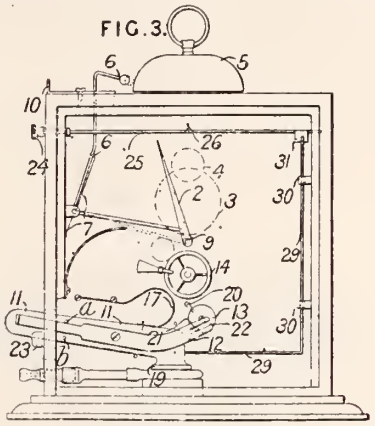


A receptacle for sweetmeats, chocolates, or other goods is made with two opposite apertures *a*, *b*, having removable covers, so that when empty it may serve as a stand for an American clock, which is inserted into one of the apertures and is accessible for winding through the other after the removal of the cover *c*.

5,853. CLOCKS. C. W. Piper and W. F. Butcher, both in London. March 20.

Stop-Mechanism.—Relates to a stop-clock particularly adapted for photographic operations, such as developing, printing, or washing, ro the timing of short exposures when magic-lantern slides, copies, etc., are being made, its stop-mechanism being controlled by means of a pneumatic ball, which may be arranged to co-act with a second ball, controlling the motion of the exposure shutter of a camera. When the inner end of a main lever 11 is raised against the action of the spring 17, by depressing its outer end or by squeezing a pneumatic ball and expanding the teat 19, a setting-

FIG. 3.



lever 12 being in contact with a stop *a*, the slotted end 22 of the latter lever turns the wheel 13 by means of the pin 21, thereby bringing the elastic arm 20 against the balance-wheel 14 and stopping the clock. The clock is re-started when the pressure is removed, the arm 20 giving an impulse to the balance-wheel as the lever 11 returns. If, however, the lever 12 be placed in its other position in contact with a stop *b*, the arm 20 locks the balance-wheel, so that the clock is started by pressing on the pneumatic ball or lever 11, and continues to go until such pressure is removed. A catch 23 is provided for engaging, when required, with the setting-lever 12, so that the position of the latter may be changed by operating the pneumatic ball. The clock may also be automatically stopped at the expiration of each minute by means of a finger 26, which is put into the path of the seconds' hand by turning the external handle 24 of the shaft 25. The position of the finger 26 may also be controlled by the lever 11, to which is attached the bent rod 29, which works in guides 30, and actuates the cam-piece 31. The stopping and starting mechanism may be actuated by a sliding bar, in place of the lever system.

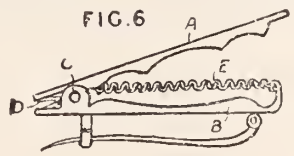
Dials, Seconds' Mechanism.—The seconds are indicated by the central hand 2 on a large dial, and the hours and minutes on a smaller dial 3, while the dial 4 is for setting the alarm bell 5.

Alarms. This bell is struck once a minute, the projection 9 on the barrel of the seconds' hand raising the striking-rod 6 away from the bell against the action of the spring 7 as the barrel turns, and releasing it at the expiration of each minute. A catch 10 may hold the striking-rod out of contact with the bell and projection 9.

5,900. FLOWER HOLDERS; BROOCHES. S. Hunt, Warwickshire, and A. Hunt, Birmingham. March 21.

In a combined brooch and flower holder formed of two parts, A, B, pivoted at C and held to-

FIG. 6

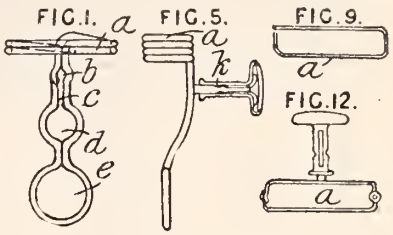


gether by a spring D, a coiled spring E is attached to the part B and serves to retain flowers, ribbons, etc., in position.

5,997. NECKTIES, ETC. J. Holroyd, Higher Openshaw, near Manchester. March 22. No patent granted (sealing fee not paid).

Necktie Retainers.—A device on which neckties may be knotted consists of a wire frame having a bar *a*, Fig. 1, on which the tying is effected, and a hole *e* through which the knotted end is passed. A hole *d* about the middle admits the stud top,

FIG. 1. FIG. 5. FIG. 9. FIG. 12.

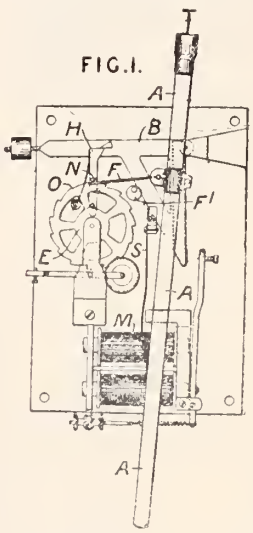


and a slot *c* allows the shank to pass to a smaller hole *b*. Instead of the latter means of securing the article, it may be made of single wire and one end turned inwards and threaded into a hollow barreled stud, Fig. 5. The wire is provided with depressions *k*, which are entered by inwardly-projecting points in the barrel. The barrel has slots to enable the sides to spring apart when the wire is admitted. The principal parts of the device may be stamped out of metal and the knotting-har either bent round as in Fig. 9, or hinged thereto as in Fig. 12. When the device is made of wire, the collar stud may be inserted between the ends of the wire, and the hole *d* dispensed with.

6,066. CLOCKS. F. Hope-Jones, London, E. C. March 22.

Electric clocks related to the type set forth in Specifications No. 1587, A.D. 1895, and No. 7868, A.D. 1897. A pendulum A, bearing a pawl F, drives a ratchet-wheel E, and, after a certain number of oscillations, is re-energized by a bell-crank impulse-lever B, having a spring finger S, which falls from a propping-catch H, makes the

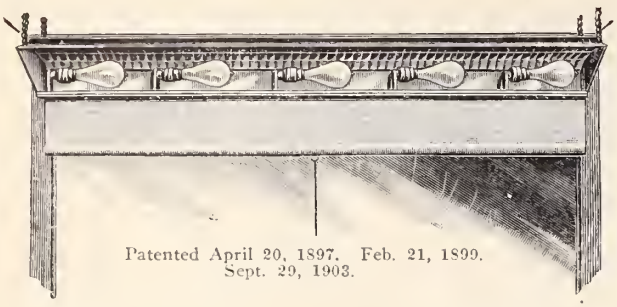
FIG. 1.



circuit of an electromagnet M through its lever armature, and is thrown back thereby. The catch H, bearing a lug N, is thrust aside to let the lever fall, when a shallow tooth O of the wheel makes the pawl encounter the lug. An adjustable rest F1 for the pawl will keep it up, either so as to free the catch at every swing or so as to be ineffective altogether. Thus, when the electromagnet circuit includes a number of indicators, they may be either accelerated or retarded to correct them when slow or fast. In a modification, the armature is pivoted between the poles of the electromagnet and has an extending arm.

6,164. TOILET INSTRUMENTS. C. C. Harris, Orange, Mass., U. S. A. March 23.

Consists in the combination of a nail file and cutter 9, a pair of tweezers 2, and two appliances for extracting blackheads from the skin, consisting of eyes 12, 13, carried at the ends of arms 14. The two blades of the tweezers are offset at the ends and riveted together to form a narrow opening 7, in which the nail file is pivoted. To facilitate opening, the nail file has a projecting nib 10 provided with a cut to receive the thumb-nail. Mounted at the extremities of the pivot 8 are the two extractors 14, which are so bent that, when they are closed, the eyes protect the edges of



Patented April 20, 1897. Feb. 21, 1899. Sept. 29, 1903.

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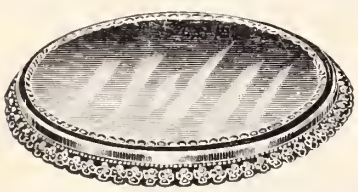
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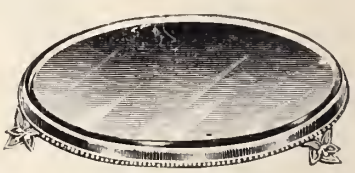
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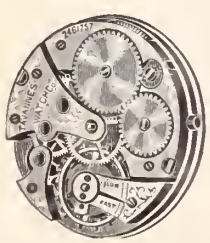
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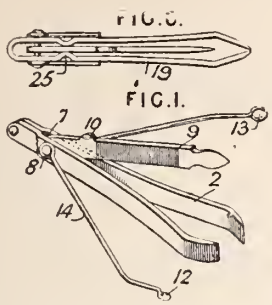
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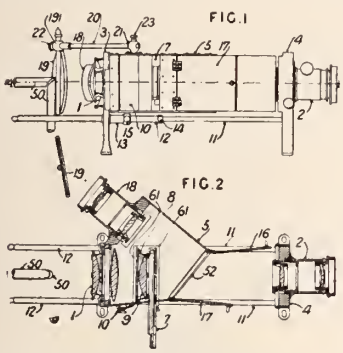
the tweezers. The extractors are preferably made of resilient wire and tend to keep the tweezers in a closed position. In a modification, Fig. 6, the



blades 19 of the tweezers are formed in one piece and have inward projections 25 to keep the nail file in position.

6,169. OPTICAL PROJECTION APPARATUS. A. T. Thompson, Boston, Mass., U. S. A. March 23. (Date applied for under Patents Act, 1901, Nov. 21, 1904.)

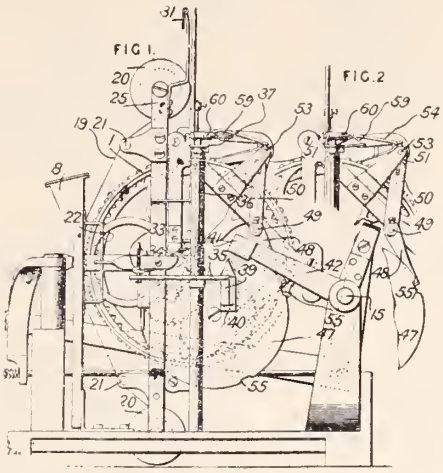
Relates to apparatus for the projection of images from opaque subjects or material, such as

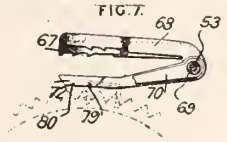


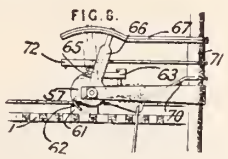
photographs, lithographs, drawings, maps, and reading-matter, adapted also for use with transparent objects. An electric light 50, a lamp, or a mirror for reflecting solar light, are arranged to supply light through the compound condenser lens 1 of the lantern shown. The casing 5 has side openings for the insertion, between guides 61, of a slide stage or carrier 7 or a holder 8 supporting a supplementary condenser lens 9. The objective 2 is supported hy a frame 4 to which are attached adjustable rods 11 telescoping in tubes 12 which slide in sleeves 13 secured to the frame 3 supporting the condenser lenses. The parts are clamped in adjusted position by screws 14, 15. When it is desired to project from an opaque object, the slide carrier 7 and the supplementary lens 9 are removed, the opening is closed by a door 10, and the opaque ohject is attached to one of the hinged carriers 16, 17, which is then placed in the opening 52. An image of the object is projected onto a screen by a secondary objective 18, a mirror 19 being used if it is not desired to move the lantern through a large angle, in changing from one kind of projection to the other. Two or more holders, 16, 17, are provided, to enahle a number of objects to be viewed in quick succession. The mirror 19 is vertically and angularly adjustable relatively to a socket 191 carried by a rod 20, adjustable in a socket 21 to vary the distance of the mirror from the objective. The mirror is clamped in its adjusted position by screws 22, 23.

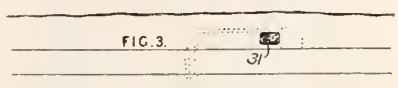
6,200. TIME-RECORDERS, ETC. J. Dey and A. Day, both of Syracuse, N. Y., U. S. March 23.

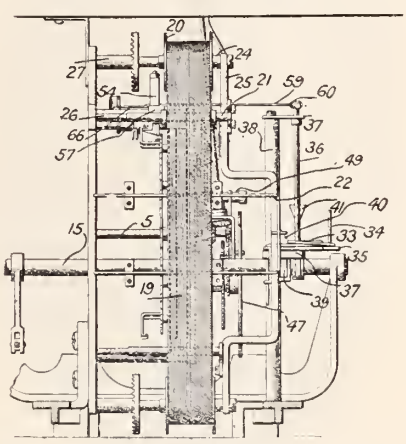
Relates to shifting-mechanism for the multicolor ribbon of a time-recorder or similar apparatus. The two-color ribbon, 19, Figs. 1 and 3, is carried vertically hetween the minute type-wheel 1 and a closed card receiver 8, by spools 20 mounted by means of sleeves 24 upon a har 25, and by guide-sleeves 21, and a double guide-rod 22, which parts slide as a whole on fixed spindles 26, 27. A visual indicator 31 is provided, preferahly upon the bar 25. When certain other parts are set from the minute-wheel 1, the shifting is effected on operation of the platen mechanism. A slotted link 33 connected with the bar 25 co-operates with a pin 34 on a lever 35 on a spindle 36, which is mounted in arms 37 upon a fixed post 38. The lever 35 is flanged at its free end 39, Fig. 1, and provided with a wedge-shaped member 40 for co-operation with a knife-edge 41 on an arm 42 on the rock-shaft 15 of the







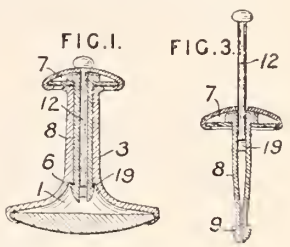




platen mechanism. A controlling-member 57 for the lever 35 is pivoted on an arm 54 and connected by means of a link 59 with a string 60 adjustable on the spindle 36. The arm 54, Figs. 1 and 2, is on a sleeve mounted on a spindle 53, and is normally depressed by the weight of the connected parts. Another arm 51 on the sleeve has a slotted connection with an arm 50 on a rock shaft 49, on which is an adjustable wiper arm 48, co-operating with a notched disk 47, driven from the minute-wheel shaft 5 by reducing gearing. Two forks, 62, 65, Fig. 8, on the member 57 co-operate with projections 61, 63 on the minute-wheel 1 and determine the position of the member 57, corresponding to the position of the wiper arm 48 either within a notch 55 or upon the raised surface of the disk 47. Means is provided for locking against tampering with or jarring. An arm 66, Fig. 3, on the member 57 co-operates with two toothed locking-arms 67, 68, Figs. 7 and 8, the former on a sleeve 69 loose on the spindle 53 and within a sleeve 71 carrying the latter. Pins 79 on the minute-wheel effect release of the member 57 through releasing-arms 70, 72 on the sleeves. The arms 70, 72 are provided with ratchet-teeth 80 to prevent jarring of the minute-wheel.

6,210. FASTENINGS. C. H. Collins, C. E. Collins and G. D. Collins (trading as C. H. Collins & Sons), Birmingham, and T. Harris, Staffordshire. March 24.

The lower part 1 of a two-part stud or solitaire has a hollow stem 3 with internal shoulders 6. The upper part 7 consists of a plain or ornamental head and a bifurcated spring-stem 8, longitudinally pierced to admit the pillar 12. After insertion, the two parts are held together by the depression



of the pillar 12, which causes the ends 9 of the spring stem 8 to engage beneath the shoulders 6. An enlargement 19 prevents the complete withdrawal of the pillar 12. In modifications, the pillar 12 is provided with a cross-piece at its head, or with claws to hold a jewel or the like. The device is also applicable to dress fasteners, bracelets, necklets, glove fasteners, etc.

Complete specifications accepted July 4, 1906.

1905.

13,128. WATCH CASE. Chalk.

23,641. BINOCULAR GLASSES. Heath.

1906.

9,642. SAFETY-PIN. Bruckmann.

Applications filed June 25 *to June* 30, 1906.

14,479. MATCH BOX. Richard Dolze and Marie Holland, London. Complete specification.

14,540. BUTTONER. W. G. Sedgwick. Byfield, R. S. O., Marthants.

14,552. MATCH BOX. R. C. Rodgers, Birmingham.

14,553. PHOTOGRAPH STAND. R. C. Rodgers, Birmingham.

14,566. THIMBLE. Emil Dassler and Auguste Schneider, London. Complete specification.

14,571. HAIR-PIN. J. W. Mander, Paddington, London.

14,588. CONDIMENT-HOLDER. Dora Jones, London. Complete specification.

14,614. ELECTRIC CLOCK. H. J. Haddan, Strand, London.

14,739. HAT-PIN. George Beresford, Liverpool.

14,845. CANDLE HOLDER. Muriel E. M. Reischer, London. Complete specification.

Complete specifications accepted July 11, 1906.

1905.

13,578. UMBRELLAS. Howorth.

13,606. POCKET KNIFE. Sharpe.

19,356. SPECTACLE FRAME. Schlottgen.

19,489. MANUFACTURE OF HANDLES OF CRUET STANDS, ETC. Anstey & Wilson.

1906.

9,864. BROOCH. Noakes.

Applications filed July 2 *to July* 7, 1906.

14,976. BROOCHES AND SAFETY-PINS. R. W. Cooke, Birmingham.

14,985. COMB. E. G. Langton, Wellington, New Zealand. Complete specification.

15,022. ELECTRIC CLOCK-WINDING MECHANISM. Schneider & Wesenfeld. G. m. b. H., London. Complete specification.

15,150. NAPKIN HOLDER. Christoph Thomas, London.

15,152. TIME RECORDER. C. A. Mercier, London.

15,287. MATCH-BOX. Jonathan Brudenell, Addlestone, Surrey.

15,328. SAFETY FASTENER FOR SCARF-PINS, ETC. G. L. T. Denniss, London.

15,331. MACHINE FOR ROLLING FINGER RINGS. E. C. R. Marks, London. Complete specification.

15,355. NECKTIE FASTENER. Thomas Morton, Birmingham.

15,435. CATCH FOR BROOCHES. E. H. Whitemore, London.

15,450. CANDLESTICK. W. H. Bulpitt, Birmingham. Complete specification.

"DROPS OF COMFORT"

A New Free Booklet for Opticians and Their Patrons

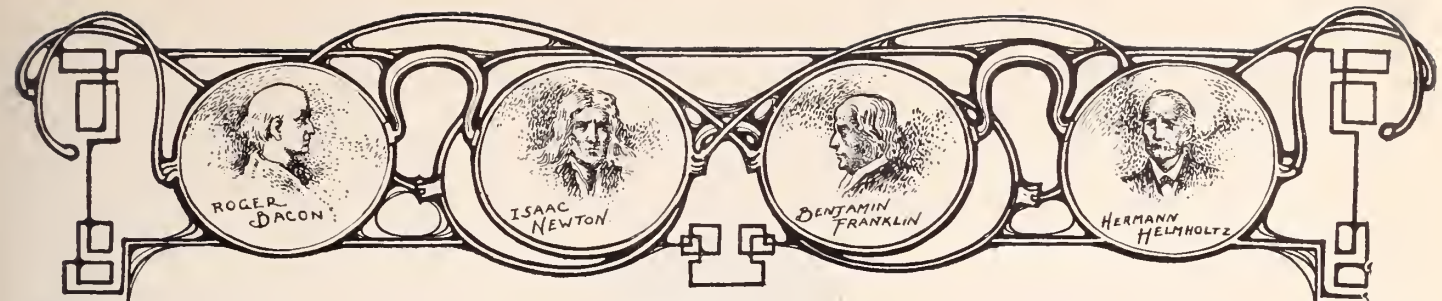
"Drops of Comfort" is the title of a new copyrighted booklet which we have published for free distribution. It is an unique piece of advertising literature; original and interesting. In this booklet is a number of colored plates showing the more common eye diseases, such as stye, cyst, granulated lids, pink eye, etc. With each illustration is a paragraph describing the causes and symptoms of the condition pictured. The point is, that every form of eye trouble dealt with in "Drops of Comfort" can be successfully treated with "EYE-FIX." Dozens of testimonials in the booklet to prove it.

Nearly the entire first edition of "Drops of Comfort" has already been spoken for, but as long as the supply lasts we will furnish a limited number of copies free to every optician or druggist who will send in his request. Blank space inside front and back covers for the dealer's imprint; thus, "Drops of Comfort" will carry your advertisement into the home—and the booklet will not be thrown away or destroyed.

Write for some to-day; let your customers know all about "EYE-FIX—the great eye remedy, and the only complete treatment on the market—liquid and salve in every package—retail price 50 cents.

EYE-FIX REMEDY CO.

Department 17 DETROIT, MICH.



OPTICAL DEPARTMENT



Full Report of the Ninth Annual Convention of the American Association of Opticians, in Rochester, N. Y.

STENOGRAPHIC REPORT OF FIRST SESSION.

ROCHESTER, N. Y., July 30.—The following is a stenographic report of the first session of the ninth annual convention of the A. A. O., reported in brief in the last issue of THE CIRCULAR-WEEKLY:

President B. B. Clark presiding.

The President—The meeting will please come to order.

Members of the American Association of Opticians, ladies and gentlemen:

The first thing on our programme this evening is an address of welcome by the Mayor, and I have the pleasure, on account of the illness of the Mayor, of introducing to you our Corporation Counsel, Mr. Webb.



SECOND VICE-PRESIDENT GEO. R. BAUSCH.

Mr. Webb—I share with you the disappointment that you cannot be addressed by the Mayor of this city on this occasion. I saw him this afternoon, and he desired me to express to you his sincere regrets that his duties for the last few days, added to the heat, have created an indisposition on his part that keeps him at home.

Mr. President, it has been my good fortune, just about a year ago now, to attend a State meeting of this association in the Chamber of Commerce, and welcome the delegates on that occasion. I told them that I hoped, either during or at the conclusion of their labors, they would take occasion to look about our city, and see what we had to offer them.

It required no double lenses to see that your committee made a wise selection in adopting Rochester as the seat of the convention of the national association. We feel that we have a great city. It goes without saying that it is the main city in the production of optical goods. Those of you who came in by daylight saw the announcement on each side of the Central that this was the home of the kodak. Those of you who are more familiar with the city know what has been done in the way of the finest optical instruments that are made.



PRESIDENT BRIGGS S. PALMER.

We have here a city which is second to none. In a large part it has added to the prominence of our manufactures and their success in various lines and industries, and in no special lines or industries has their success been more marked than in the manufacture of optical goods.

Among the chief features of this city are its educational institutions. From all parts of this Union delegations come here to see our new schools, to see the methods adopted by our public schools, to see our new high schools, and to see our Mechanics' Institute. In that Mechanics' Institute are gathered in the course of a year more than 3,500 boys and girls, many of them who would have absolutely no technical education except for that wise institution.

That institution was founded and has been maintained, not only very bountifully but from diligent, hard, persistent effort, by one of the members of your organization, William Lomb.

In various departments of this city your organization is represented on the Park Board, and in other departments which I will not now allude to.

We have here, too, an attractive place. We have it in the skill of our manufacturers and employes, and we take pride in the fact that we believe we turn out as good stock as any other manufacturing city in the United States. We take pride in the streets of Rochester, and ask you at your convenience, as you go back and forth, to notice their cleanly condition. We take pride in the low death rate. We take pride in the beautiful surroundings, and the aesthetic features of this city. And to those you are heartily welcome.



SECRETARY W. E. HUSTON.

I regret with you that the head officer of the city cannot be here to welcome you, and I join with him in extending to you a hearty welcome.

The President—The next thing upon the programme is a response by John C. Eberhardt, Dayton, O.

Mr. Eberhardt—Mr. President, Mr. Webb: In behalf of the American Association of Opticians, whom you have so graciously welcomed to your beautiful city, I wish to extend our most hearty appreciation of your proffered hospitality. Those of us who have had an opportunity of glancing about the city need no assurance as to its beauty.

Aside from that, even to us who have not been in Rochester, this city is not a

Optical Department.

stranger. In fact, the fame of Rochester has practically carried wherever a lens is used, whether in spectacles, astronomical or optical instruments. I think it is quite fitting that we should have taken advantage of the invitation extended to us a year ago to hold our meeting in this city, and sincerely hope that those members of this association who are here at this time will not leave the city without taking advantage of the invitations which have been extended to us by the manufacturing industries engaged in the manufacture of optical products to visit those institutions.

We get together annually for several purposes. Primarily to perpetuate an organization which has for its purpose the elevation of optometry. We get together for the purpose of the interchange of ideas, which is invaluable. History shows that the great advancement made in the various sciences of the civilized world have been got from the agency of academies of the foreign countries.

One of the great honors coveted by men who are advanced in letters or sciences, and pride, is membership in the various academies. If you will refer to our encyclopedias you will find that the real academies of the allied sciences in Germany, France, Switzerland and England have been companies or societies that have brought about, practically, all that is worth while in the advancement of the various sciences.

What is meant by an academy? The modern idea of an academy is a building of marble or stone where men pursue their studies. But the academies in the sense to which we refer are associations of men of any particular calling who have banded themselves together for the purpose of doing those things which would cast light along the lines of their research. Many of the academies which have stood prominent in the world of letters I find had their origin in small gatherings, in some instances of half a dozen men engaged in a kindred calling, who had pledged themselves, who had pledged their lives to that particular calling, and to whom the word success means, not the accumulation of wealth, but the doing of those things which, after a well-spent life, might enable them to say: "The world is just a little better because I have lived," and to do more and more.

The thinkers of our day are emphasizing that that is the proper interpretation of the word success. It is not to realize commercially from the field that we are engaged in, one of the most ennobling callings of the world. (Applause.)

With all due deference for the value to the world of medicine and surgery, which can do many things, yet when the eye is destroyed by some disease neither surgery nor medicine can restore sight. The future of our calling, while it will be to continue to do these things which will furnish the most satisfactory vision to our fellow men, in a broader sense, will do those things which not only give comfort and ameliorate suffering, as we know we are doing very largely now, but it will do those things which will stand above all else—it will do what is termed the prophylactic principle, which is the new phase of dentistry, demonstrating that if proper attention be given to the teeth during childhood much can be done for the child afterwards.

And so if you will read history you will find it has been so in other sciences. You



E. LE ROY RYER, PRESIDENT PHYSIOLOGICAL SECTION.

will find the best authorities to-day are agreed that one of the great works of optometrists is the work of prophylactic optometry, which means the education of the public to the value of giving early attention to the eye of the child.

[Next followed the president's address,



JAS. K. STEBBINS, TREASURER A. A. O.

which appeared in last week's issue of THE CIRCULAR-WEEKLY.]

The President—The next is the report of our secretary, Mr. Huston, of Kansas City.

Mr. Huston—Mr. President, fellow members of the American Association:

I beg to submit for your consideration my report as secretary during the year just passed. You will find that it has been a year of action, a year of liberal expenditures in some important things, a year of retrenchment in matters less essential to the welfare of the association, but withal a year of magnificent results.

The report of the secretary cannot be compressed within very narrow limits without disregarding a specific duty imposed upon that officer by the constitution. It is not easy to tell in a few words even the most important things that have been accomplished or undertaken during the more than 300 days, most of them crowded with work of far-reaching importance, between the meetings of the association.

Many of you are somewhat familiar with what has been done in organization and affiliation during the 12 months just gone, and in this connection I want to say that I am more than pleased to see here many familiar faces from these newly organized States; faces of some who greatly aided in our organization work. Nearly all of this has been accomplished since January of the present year, when President Clark authorized me to undertake the work under certain conditions, since which 14 States have affiliated with the national and six States were organized under our auspices.

Total receipts of the office for the year are $937.25, for which amount I hold monthly vouchers from the treasurer. Through some misunderstanding a portion of the association receipts, early in the year, were paid direct to the treasurer, of which I have no record. This would make the total legitimate receipts of this office run something over $1,000. You will find the expenses, as shown by the treasurer's report, to be approximately the same.

In this connection you should bear in mind that the policy of this administration, as outlined by President Clark early in the year, has been strictly adhered to. To-day the American Association of Opticians stands upon an entirely independent platform from which it may decide its future course. (Applause.)

No donation of any sort has been solicited nor accepted during the past year. The badges you wear, the programmes you read, the rental of the hall where you now sit, the exhibit space our jobber friends are using—all are being paid for out of the receipts of the year. Nearly 800 old members who have taken no active part for a number of years have again joined hands with us. (Applause.)

In the summary this is a brief story, quickly told, but it falls far short of telling of the immense amount of work required to accomplish this result. It doesn't tell of 4,632 typewritten letters during the year, of the many hundred receipts, of a thousand or more statements, of 800 certificates sent out and an equal or greater number of renewal seals, of numerous pieces of advertising matter, an ever increasing general correspondence as well as the starting of a new set of books.

It doesn't tell of nearly eight months' actual work, of eight hours a day. It doesn't tell of nearly 3,000 miles' travel in the organization of six States, nor does it tell of the physical trials and mental worry and occasional knocks that invariably come from the irrepressible knocker, through voice and press and letter.

In addition to my books and regular report as secretary I submit for the inspection of your auditing committee a separate report and detailed statement of my affiliation and organization work begun in January when President Clark authorized me to un-

Optical Department.

dertake it, providing I could make the work pay its way without tax upon the treasury. By means of the affiliation receipts and liberal aid from other sources I managed to get through with but a few dollars deficit, which, of course, comes from my own pocket for the pleasure of doing the work.

As the executive committee is to make no report this year, the work of this committee having been accomplished through the secretary's office, by means of correspondence, it is only just to these gentlemen to say that they have not spent a single cent for transportation nor personal expenses during the year, thus saving to the association, estimating from average expenditures of this nature in previous years, something like $200. It is therefore not out of place for me to say that these men are deserving of the sincerest gratitude of the association for their steadfast devotion to our interests.

Personally I owe them and President Clark a debt of gratitude for the loyal manner in which they have stood by me in such work of affiliation and organization as I have been able to undertake for your advancement as an organization.

Nor does my report show the 365 days' work of 10 hours a day by the other Huston, known as my better half. (Applause.)

Respectfully submitted,

WM. E. HUSTON, Secretary.

(Applause.)

Mr. Eberhardt—I don't think it would be out of place, in fact, I feel it a duty not to allow this time to pass by, knowing what I know in a general way of the inestimably valuable pushing work accomplished by the secretary and the other better half that he has so thoughtfully referred to, without making some expression of our appreciation. Those of you who have held any office know the endless amount of detail involved. If you will take into consideration the work that has been done by our secretary you will realize the work involved in the organization and making effective that organization and affiliation of societies. He has not only succeeded in effecting and bringing in those affiliated societies, but also the numerous State societies brought into affiliation.

I know you must appreciate the immense amount of arduous work that has been done, and I move, simply as a slight appreciation by this association of the work performed by our secretary, Mr. Huston, and his better half, that a vote of thanks be tendered them.

The President—All in favor signify it by saying "yea." Carried.

Mr. Huston—I thank you in behalf of myself and my better half.

The President—The next thing on the programme is the report of the treasurer. As he has not yet arrived, we will defer that until a future business meeting. That, I think, will close our programme for this evening.

There are one or two matters to which I would like to call attention. In the first place, I would like to request everyone here who has not registered to do so at the secretary's desk. I also wish you would all familiarize yourselves with the printed programme, which you will find distributed about the hall. You will notice that on our programme to-morrow afternoon will be devoted to a trip to the Bausch & Lomb factory. As many of the visiting ladies perhaps would not care to take that trip, we have provided an automobile ride through the parks in place of that trip, which will start from this hall about 1.30.

In order to carry out this programme, which is rather a long one, this week, every one will have to be very prompt in going to these factories and making the visits that we have planned. It is necessary that you adhere strictly to the printed programme. To-morrow we would like to have every member here at 1 o'clock. Any ladies who desire to go through the factory may do so.

I would like to appoint a special committee to act upon applications, and upon that committee I appoint Mr. Standart, of Detroit, Mr. Eberhardt, of Ohio, and Mr. Dilworth, of New York.

I would like also to appoint Mr. Ryer, of New York, and Mr. Palmer, of Boston, a committee to audit the report of our secretary.

The meeting here adjourned until 8.30 Tuesday.

TUESDAY MORNING'S SESSION.

The members met at Convention Hall, and in a body visited the home of the "Shur-On," at E. Kirstein's Sons Co.

Mr. Kirstein did his best to elevate the profession, and succeeded in getting the members as high as the fifth floor, where he showed them through the case factory. Here was seen the process of case making, from the point where the metal is stamped out rough, through the various stages of pressing, covering and stamping, to the completed case. The offices were visited, but greatest interest centered in that section where was seen the "Shur-Ons" put together.

From Kirstein's the members returned to Convention Hall, where President Clark called the meeting to order. Under the head of unfinished business Secretary Huston finished his report and Treasurer Stebbins presented his report.

The president appointed an Auditing Committee composed of E. LeRoy Ryer and Briggs S. Palmer, to audit the treasurer's books. President Clark then turned the meeting over to W. R. Donovan, who introduced the speakers to the Physiological Section.

Dr. A. C. Campbell being absent, E. LeRoy Ryer was introduced as the first speaker, and delivered an address entitled "The National Academy of Optometry." It is believed by many that this will no doubt lead to the formation of an Academy of Optometry, so long sought and so badly needed. E. C. Bernheim's address was read by title. R. M. Lockwood then delivered an address, entitled "The Eye as an Imperfect Optical Instrument." Ernest Eimer next addressed the meeting upon "The Physiological Section, Past and Future."

Samuel S. Grant delivered his address upon "The Eye, Its Comparative Anatomy." Mr. Grant spoke at this time so as to give more time to-morrow to visit the exhibition hall and city.

A paper upon "Atropin, Its Use and Abuse," by Mr. Cooke, of Tennessee, was read by title, and with this the morning session closed, to meet again at 1 o'clock, to start for a visit to the Bausch & Lomb Optical Co.'s factory.

TUESDAY AFTERNOON.

THE VISIT TO THE BAUSCH & LOMB OPTICAL CO.'S FACTORY.

At 1 o'clock sharp, Tuesday afternoon, the members left Convention Hall for a visit to the attractive factory of the Bausch & Lomb Optical Co. They were graciously received by Mr. Lomb, who personally conducted them through the offices and to the reception room, where he showed them the three gold loving cups which he prizes so highly. The visitors were then placed under the care of guides, one guide for each division of about 30 people, who explained each department's work.

Words cannot portray a true idea of the massiveness of this manufacturing plant. The start was made from the power house. A massive fly-wheel, about 15 feet in diameter, attracted the greatest attention here. Passing through the general storerooms, the lens grinding plant was reached, where thousands of lenses were in process of grinding. In the gauging department lenses are sorted, according to their thicknesses, by machinery; searchlight lenses were being ground in the next room; lenses were being washed in enormous quantities by machinery; the grinding and polishing of cylindrical and microscopic lenses came next.

The machine shops were then visited, and in these all the tools and delicate machinery used in the factory are made. A room is set aside for testing lenses as to their focus, depth of focus, spherical and chromatic aberration, etc. Photo lenses were being cleaned in the next room.

The photographic lens stock room contained some of the finest lenses in the world. In various departments were seen all parts of the camera, the microscope, the telescope, the ophthalmoscope, the skiascope and various other instruments in the process of construction. The cutting, edging, drilling, centering, focusing and labeling of lenses were also seen.

Mirrors, from a minute to an enormous size, were being silvered in one room. Photo-micro cameras, microscopes, field glasses were seen in detailed process of manufacture; cover-glass, used for preserving microscope specimens, was being cut in one department. Lens drills in all stages of manufacture were seen.

Then the milling, nickel-plating and buffing departments were visited. There are separate lunch rooms for the men and women, and a room is also fitted up as a hospital, with trained attendants always present to aid any of the injured help.

The printing department is of no small order. The department wherein were shown telescopes, gun sights, surveyors' levels and sextants afforded considerable pleasure.

Finally a demonstration of the firm's new projection apparatus was given. By this apparatus images of living specimens (tadpoles were used in this case), could be thrown on the screen; a watch was also projected on the screen, and a print in a

Optical Department.

book. Almost anything can be pictured without having to be on special lantern slides.

Special arrangements were made for the ladies, who did not care to visit the factory, to take auto rides. At 1:30 P. M. autos left Convention Hall filled with the opticians' lady friends.

THE SIGHT-TESTING CLINIC.

Samuel S. Grant, president of the Physiological Section of A. A. O., conducted the sight-testing clinic according to programme. The patient was a Mr. Aldridge. Mr. Grant first examined the exterior parts, the lids, conjunctiva and cornea, then tested action of the iris. The Geneva retinoscope and ophthalmoscope were next employed in the capacity of ophthalmoscope. Each and every step was thoroughly explained as the test proceeded, and everyone present followed the proceedings as well as if he were operating himself.

The next instrument used was the ophthalmometer, then the Cross retino-skiameter, which Mr. Grant extolled highly. Following this the open method of dynamic skiascopy was employed, and then a subjective fogging test completed the examination.

This proved one of the most instructive features of the convention, and should be a feature of all scientific gatherings of optometrists.

C. M. Jenkins, librarian of the Section, then introduced John C. Eberhardt, who delivered an address upon the manner of testing the extrinsic ocular muscles. Few men have Mr. Eberhardt's power to enthuse and when he speaks on muscles, his most cherished subject, he leads his hearers to a determination to attack this knotty but important problem with the aim of solving it correctly.

Following Mr. Eberhardt's address, C. M. Jenkins showed 16 stereopticon views of muscular cases he had cured or aided by the use of lenses only.

With this, Tuesday's sessions closed.

WEDNESDAY MORNING'S SESSION.

President Samuel S. Grant called the business session of the Physiological Section to order at 8.30 A. M. Secretary and Treasurer Ernest Eimer read the minutes of the last meeting, which were adopted as read.

Ernest Eimer requested that some action be taken in regard to the delinquent members, and it was decided to give them due notice once more, and then, upon non-payment, to drop them from the rolls. Mr. Eimer further suggested that the dues be raised from $1 to $1.50 annually. This created considerable discussion, and the fee of $1.50 was established. It was ordered that the matriculation fee of $3.50 be sent with the thesis when application is made for membership in the Physiological Section, and that if said fee did not accompany theses those theses would not receive any consideration whatever.

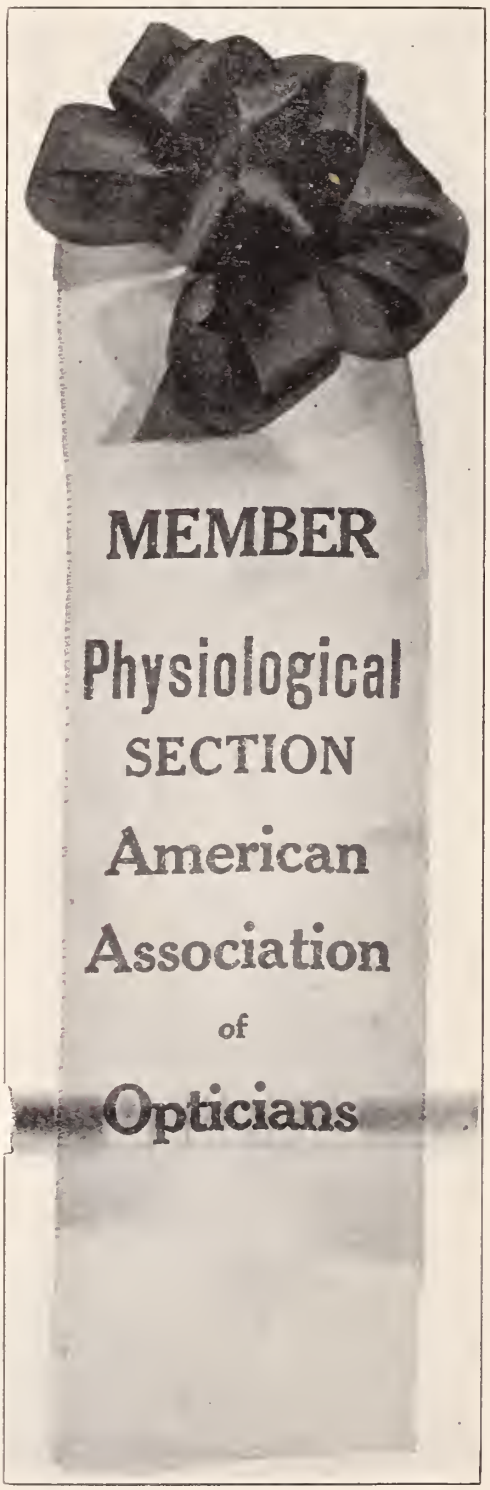
President Grant then delivered his annual address.

The President:

PRESIDENT GRANT'S ADDRESS.

Another year has rolled away into the limbus of the past, and I am, indeed, happy to greet you again at this great convention. May all our hearts give thanks to the Divine Author of all good gifts for blessings bestowed and mercies received.

During the year the Physiological Section has advanced in unity, usefulness and prestige, and the following optometrists



OFFICIAL BADGE, PHYSIOLOGICAL SECTION, A. A. O. (ACTUAL SIZE).

have each presented a satisfactory thesis before the Board of Regents: Charles T. Fuller, Phœnix, N. Y.; E. L. Bugbee, Minneapolis, Minn.; C. L. Hartman, Wapakoneta, O.; Mary T. Fargemas, Fergus Falls, Minn.; David A. Lyman, Springfield, O.; James E. McKeon, Medford, Mass.; E. A. Newing, Binghamton, N. Y.; O. I. Halbe, Chicago, Ill.; F. Melson Wingate, Plymouth, Eng.; George D. Donaldson, Greenbacksville, Va.; Charles O. Holt, Lewiston, Me.

There are others whose theses have been accepted, but are not yet enrolled as members, awaiting the payment of the proper fee. As the Section desires quality in preference to quantity, this increase in our membership is gratifying, and offsets those who in the payment of dues have not responded to repeated notices sent them. I would therefore recommend that the names of all delinquent members be erased from the register.

The resolution of last year instructing the officers to provide a suitable certificate of membership has been carried out, and certificates have been forwarded to all members whose names appear clear on the books. The proposal of your president to adopt a distinguishing badge or sash was deferred to this meeting for action. Although I am firmly convinced of its great advantage to the Section, yet for the present I would recommend that it be deferred again for further consideration.

An important feature of our Section is its well-appointed library, containing probably the largest and most unique congregation of optical books in existence. Each member has the privilege of obtaining the reading use of any of these valuable books free, by application to the librarian and subscribing to the rules.

Thus, the Physiological Section, by membership therewith, accords unsurpassed opportunities to the optometrist, helpful to his scientific knowledge, adding to his professional dignity, and useful to him in his business relations with the public. I think that the time is now opportune for the formulation of a set of by-laws, an increase in the yearly dues for the maintenance and perfection of our library, and to meet current expenses, and I would recommend either that the officers or a special committee be empowered to carry this out.

It is with becoming pride that I congratulate the Section on the attainment of a portion of its proper sphere in the councils and work of the A. A. O. This year we have been on trial, the activity and homogeneity of the section have been taxed. How well we have stood the ordeal our work at this convention stands as evidence; our part has been taken up with willingness and performed with assiduity, and I am extremely happy to report the loyalty and consistent help which I have received from all my officers.

When, two years ago, you honored me with the position of your presiding officer, there were many influences at work against us, somewhat divided in their opinions as to the usefulness and desirability of the Section. This antagonism was not a feature of the rank and file, but was participated in by many of the leaders. However, I am delighted to report that within the year a "change has come over the spirit of their dream," and that calmer consideration has established the contention of the many friends and officers of the Section that it would prove a very desirable adjunct to the parent organization.

Optical Department.

Brethren, in retiring from the active duties incidental to the office of president, I thank all for many courtesies rendered, which have made my term of office a "labor of love." I have earnestly endeavored to build up the Section in strength and unity, fully believing that if guided with wisdom and discretion it will yet prove to be the nucleus and backbone, stiffening and supporting the banner of optical progress, legislation and industrial activity into every State and corner of the world wedged by American commercial interests.

The librarian's report was then read and accepted in due form. John C. Eberhardt then took the floor, and urged action along educational lines. He pointed out how, at



BADGE OF THE ROCHESTER OPTICAL SOCIETY.

Boston, the plans of A. Jay Cross were really adopted, but were made ineffective by the unwise action of some of the officers. A detailed history of these efforts was given, and it was shown where it had been recommended and adopted to have the Board of Regents furnish the press on each month a course of reading whereby the members could be guided into a systematic study of the deeper problems of optometry; that, further, the members should make notes from month to month, and at the end of the year have the privilege of asking any question on the work covered during that year. In conclusion, Mr. Eberhardt moved that the Board of Regents be empowered and instructed to establish a course of study along these lines, and that this study go to each successful member's credit toward entitling him to matriculation in an academy. The motion was carried.

Nominations were next in order. John C. Eberhardt arose, and, after moving that the nomination be made from the floor, which motion was carried, said in part: "I wish to place in nomination for president a man who has had for years the educational welfare of his fellow-workers at heart; who has aimed steadily at higher education; who has the genius necessary to inspire a work of this kind; who is willing to sacrifice his time for the advancement of that work; the mention of whose name will recall to your minds his high intellectual abilities as shown in his writings; a man known to be of such caliber and possessing such personality as to add prestige to any undertaking; a man whom I take pleasure in nominating—E. Le Roy Ryer, of New York."

P. A. Dilworth seconded the nomination, and, no other nominations being made, E. Le Roy Ryer was elected by acclamation president of the Physiological Section of the A. A. O. After Mr. Ryer satisfied the demands for a speech, P. A. Dilworth nominated C. A. Longstreth for vice-president, John C. Eberhardt seconded Mr. Dilworth's nomination, and moved that nominations be closed. Upon Mr. Eberhardt's motion, C. A. Longstreth was elected vice-president by acclamation.

P. A. Dilworth moved that Ernest Eimer be re-elected secretary and treasurer, which motion was seconded and carried.

Ernest Eimer moved that C. M. Jenkins be re-elected librarian, which motion was duly seconded and carried. This concluded the election of officers of the Physiological Section.

The newly-elected officers were conducted with fitting ceremony to their respective seats, and C. A. Longstreth forced to address the meeting.

THE SCIENTIFIC SESSION.

The scientific session was then called to order, and H. L. De Zeng delivered his lecture, entitled "The Illumination of the Eye by Direct and Oblique Methods." Following this, John C. Eberhardt delivered his lecture, entitled "Monocular Amblyopia Due to Congenital Corneal Assymmetry." Dr. George W. McFatrich then lectured upon "The Correction for Myopes." E. E. Arrington was the next speaker, and delivered one of the most spirited speeches ever listened to by the members of the A. A. O. His subject was "Legislation," and any one hearing its delivery could not feel other than confident that New York State will soon possess a law regulating the practice of optometry. After a few words from Dr. Campbell, the morning session adjourned.

It was announced during the above session by Secretary Huston that 550 had up to this time registered, and that 149 had been elected to membership in the A. A. O. since the opening of the convention last Monday.

At 1 o'clock Wednesday afternoon the members left in a body, on the beautiful trip planned for it so kindly by the Rochester Optical Society. From Convention Hall they went by trolley to Kodak Park, and were conducted through the Eastman Kodak Works, and served by this company with refreshments.

The official photograph was then taken by the Century Camera Co. It is claimed that this was the largest group ever photographed at one time. The photo was taken with a new form of camera; the group was formed in a circle, and the camera revolves automatically, and in that way takes a more extended group than any other camera could have done. The picture, when finished, will be six feet wide. It was estimated that over 500 posed in this group.

From Kodak Park the party went by trolley to Ontario Beach, thence by steamer over Lake Ontario to Sea Breeze; from Sea Breeze launches were taken to Glen Haven, where lunch and other refreshments not quite so solid were served. After dancing, racing and exhausting all the pleasures at a seaside resort a trolley ride to Rochester was enjoyed.

WEDNESDAY EVENING'S SESSION.

President Grant called the meeting to order, and introduced C. M. Jenkins, who delivered an illustrated lecture, entitled "Some Diseases Essential for the Optometrist to Recognize." E. Le Roy Ryer then asked permission to speak, and, permission being granted, he said: "I beg your attention for a few moments. In behalf of the members of the Physiological Section of the A. A. O., I offer, with sincere pleasure, to our honored co-worker, Samuel S. Grant, as a slight token of our appreciation of his past untiring services, this loving cup. Mr. Grant, I hope that it will ever be filled with joy and happiness, and with the love of your fellow-workers."

Mr. Grant was visibly affected, and replied briefly, but impressively.

Mr. Grant was taken entirely by surprise, having not the slightest inkling of the fact that the members of the Physiological Section had by subscription obtained enough to purchase this loving cup.

Dr. Chalmers Prentice then lectured on "The Soul and Its Immortality Proven by Science." Dr. Arthur C. Campbell then delivered an interesting lecture and demonstration of the "Health Ray Lenses." B. B. Clark announced that it would be impossible for Dr. Earl J. Brown to deliver his lecture upon "Mechanism of the Accommodation." This closed Wednesday's sessions.

THURSDAY MORNING.

At nine the members of the convention left in a body to visit Taylor Bros.' thermometer factory. Special trolley cars were chartered. Each group of 30 was accompanied by a guide, who explained the making of thermometers from beginning to end.

The Taylor Bros.' factory is one of the finest in the world, and the members found to their satisfaction that they can produce as good lunch and punch as they can thermometers.

Upon the return of the party the business session was called to order. First Vice-President Briggs S. Palmer presided in the absence of President Clark, who conducted the party to the factory, and was obliged to wait until all were safely bound for the hall again.

E. Culverhouse, of Canada, the first speaker introduced, delivered a very interesting address on "Things in General and Education in Particular." Following Mr. Culverhouse, Dr. Chalmers Prentice, Chicago, lectured upon "The Eye in Relation

Optical Department.

to Health." In connection with the lecture a clinic was held to demonstrate that lenses and prisms could cure such defects as stammering, deafness, chorea and shaking palsy. The clinical case was a man who stammered; after wearing the glasses given by the doctor for about 15 minutes the subject talked with scarcely any impediment.

The secretary announced that the register had been closed at noon, and that 603 had registered. Thus the ninth annual convention of the American Association of Opticians surpasses any convention of its kind ever held in the world.

THURSDAY AFTERNOON.

President Clark called the meeting to order. The chief feature of this session was the selection of the next meeting place and the election of officers. A. Jay Cross, chairman of the nominating committee, submitted his report. Considerable discussion took place regarding the place of meeting, Cedar Point, O., being placed in opposition to Kansas City, Mo., by Mr. Standart. Messrs. Eberhardt, Huston, Stebbins, Campbell, Boger, Benn, Jones and a number of others entered warmly into the discussion. P. A. Dilworth moved that the by-laws be suspended and the secretary instructed to cast one ballot in favor of Kansas City. This motion was carried by a large majority and Kansas City is the next place of meeting. Eight State societies had pledged themselves to hold their annual meeting at this place and time, and thus a successful convention is assured from the start.

The following officers, nominated by the committee, were unanimously elected: President, Briggs S. Palmer, Massachusetts; first vice-president, Thomas Gowenlock, Kansas; second vice-president, George R. Bausch, New York; treasurer, J. K. Stebbins, Ohio; secretary, Wm. E. Huston, Missouri.

Executive Committee—W. B. Ankeny, Iowa; Fred Pieper, Kentucky; W. C. Sommers, Illinois; C. E. Folsom, Georgia.

Regent—Samuel S. Grant, Canada.

Upon motion, the meeting adjourned, the members to meet again at the Eureka Club to partake of the banquet so kindly given by the Bausch & Lomb Optical Co.

The Banquet.

In the dining hall of Eureka Club 400 ladies and gentlemen, as the guests of the Bausch & Lomb Optical Co., met to satisfy the more material instincts after four days of intellectual imbibitions.

Opticians never sat down to such a sumptuous and gorgeous banquet. Music from behind palms stirred the hearts of even the most fatigued. The hall was beautifully decorated with American flags, and the table decorations were magnificent.

MENU.

"Sit down and feed, and welcome to our table."
Chicken Gumbo in Cups.
Hearts of Celery. French Rolls.
"They say fish should swim thrice . . . .
First it should swim in the sea (do you mind me?)
Then it should swim in butter, and at last, sirrah,
It should swim in good wine."
Fillet Sole, Hollandaise.
Gracher.
Dembard & Co.
Coblenz.
Brown Bread.

"Some have meat and cannot eat,
And some would eat that want it,
But we have meat, and we can eat,
Sae let the Lord be thankit."
Broiled Spring Chicken.
Mumm's Extra Dry.
Potato au Gratin.
Baked Cauliflower, Creamed.
Finger Rolls.
"Let none presume
To wear an undeserved dignity."
Maraschino Punch.
"I'll be merry and free,
I'll be sad for nae-body.
If nae-body care for me,
I'll care for nae-body."
Lobster Salad, with Celery and Mayonnaise.
Russian Salad, French Dressing.
Olives.
"And 'tis ever common
That men are merriest when
They are from home."
Bisque Tortoni. Assorted Cakes.
"The wine in the bottle does not quench the thirst."
Salted Nuts.
Saratoga Vichy.
Coffee.
"Who rises from a feast with that keen appetite that he sits down."
Cigars. 'El Vinyet. Cigarettes.

The dinner ended, President B. E. Clark arose and said:

"It affords me great pleasure to announce that we have with us to-night Walter Hubble, of the Eastman Kodak Co., who has kindly consented to act as toastmaster, Mr. Hubble. (Applause.)

Mr. Hubble responded as follows:

"Some time ago Mark Twain was called to account by his wife because of his indulging too freely in champagne. 'Mr. Twain,' she said, 'you should be ashamed of yourself to come home with so much wine aboard.'

"'I can't help it,' meekly answered Twain. 'They get telling stories, and all that, and I get too much wine.' 'But,' insisted his wife, 'when you get enough champagne you should ask for sarsaparilla.' 'Well,' said Mark, 'that may be all right, but when I get all the champagne I want I can't say sarsaparilla.'

"I say this because I am the only one here, except the ladies, who can say sarsaparilla.

"Two of your fellow members went fishing up in Canada last Winter. They stayed at an old farmer's house, and found it very dull. 'What do you do in this dull place all Winter?' they asked. 'Well,' replied the farmer, 'two or three of us get together and we sit and think and sometimes we just sit.'

"You have been sitting and thinking for four days, but to-night, remember, you are only sitting.

"That reminds me of another story of a colored boy who went fishing with a party of white men. A 300-pound fish took hold and jerked him out of the boat. When the others pulled him aboard they asked him what was the trouble. 'Dat's what I'm wondering, boss. I doan know whether dis niggar am a fishin' or whether dat fish am a niggarin'.' And you will be asking soon, is that Hubble a toastmastering or a speechmaking.

"The first toast will be 'Education.' It will not be responded to by a cross jay nor by just a plain jay, but by A. Jay Cross. He is a distinguished writer, a well-known inventor, and I would call him a cross between a jay and a pair of spectacles." A. Jay Cross responded as follows:

"You still call Rochester the 'Flower City.' This I deem wrong, for it should be called the 'Optical City'; first, because it boasts the largest optical manufacturing company in the world, and the Rochester optometrists and jobbers are just the best boys that ever came down the optical pike. I beg indulgence to talk shop because it is not often permitted me to talk to men from the north, the south, the east and the west all at one time.

"How promising things are. Just look at this vast assemblage. I have held meetings with only three present, and one of them a stranger, and here we have hundreds. Still we need much; we are sadly in need of higher education. At present the student dictates to teacher, instead of the school dictating the standard.

"I hope to see the day on which some philanthropist looking for some way to do good will see fit to endow a school in which a high class standard can be established and maintained. If a patient should come along willing to do that we will thank you to tell him to communicate with our president."

Mr. Hubble told a story after each speaker finished, and kept the hall in an uproar of laughter.

The following gentlemen were called upon to speak: W. W. Bissell, president O. S. S., N. Y., the tenor of whose speech was toward the need and the favorable chances of obtaining legislation; Frederick Boger, who responded gracefully to the toast, "Organization; J. J. Bausch arose amid a tumult of applause. This gentleman, of the firm of Bausch & Lomb Optical Co., is dearly loved by his family, friends and workmen, and as he told the history of his career from the time he started as a poor young man to the present, many eyes filled with tears and hearts beat with respectful sympathy as he referred with the tenderest pride to his loving and lovable wife, without whose aid he believes he would have gone down in the struggle. One cannot comprehend how, from an insignificant shop, that monstrous plant has been evolved, whose equal is not to be found. Wm. J. Benn responded to the toast, "The Press," and gave a concise history of optical trade journalism. J. S. Cumming, representative of the Eastman Kodak Co., was introduced by the toastmaster as a man not to be afraid of, as he would soon be 'going.' Geo. E. Taylor, president of Taylor Bros.' Thermometer Co., showed wherein American opticians are far in advance of their English brethren. Edward Bausch, of Bausch & Lomb Optical Co., urged the importance of organization and complimented the A. A. O. upon its success.

The silver-tongued orator, John C. Eberhardt, was greeted with hearty applause. Mr. Eberhardt sways his audience into dreamy, ethereal spheres; he is a master, and no one is listened to with greater pleasure. His anecdotes of Twain and Depew, his story about the famous painting in the Louvre, depicting Daniel in the lions' den, and his eloquent plea for higher education, stronger, broader organization and more lofty ideals lifted his hearers to a higher plane, from which they cannot come all the way down. John Harding, of the firm of F. A. Hardy & Co., said that he could only



MEMBERS AND THEIR FRIENDS WHO ATTENDED THE NINTH ANNUAL CONVENTION OF THE A. A. O.
(Reproduced sectionally from a remarkable photograph 46 inches in length.)

Optical Department.

tell stories, but stories that perhaps were better left untold. Louis Kirstein was the last speaker, and exhausted the city's supply of wit.

During the dinner the band played the national hymn of Germany. Ireland was thought of, too, as the strains of "Bonnie Annie Laurie" filled the air, and after the toastmaster declared the convention closed there arose the inspiring strains of "America," and its call could not be resisted. Louder and louder swelled that chorus of 400 voices, till the very heavens seemed pierced with that, our country's hymn.

The Exhibits.

One of the features of the convention was the exhibit entitled "Sight Helps of All Times and Nations." The collection contained old-time trial frames, ancient set of fusion frames, Chinese spectacles, three pairs of old King George spectacles, old-style round eye frames, Japanese tortoise-shell spectacles, old-style silver spectacles, old-style skiascope, engraved gold spectacles, old-time bifocal frame, frame made especially for a peculiarly shaped face, old-style reversible frame, lightest spectacle and eyeglass frames made, old styles of pince-nez, eyeglass frame made without screws, thinnest eyeglass frame ever made, old-style parallel bar frame, old Dutch model of spectacle frame, old-fashioned lorgnette, and early forms of skiascopes, ophthalmoscopes and trial frames. A pair of Chinese silver spectacles with very large round eyes were here, and were bought in a shop at Shanghai, China, where the prices ranged from 20 cents to $125. Most of the collection belongs to S. S. Grant, Canada.

No finer exhibits of optical goods and instruments has been seen than that found in Exhibit Hall at the Rochester convention, and the value of these exhibits to the members of the calling cannot be overestimated. They enable members to become acquainted with the very latest developments along all lines of their work and afford a means of comparing the values of the various articles and instruments.

EXHIBIT OF THE GLOBE OPTICAL CO., BOSTON, MASS.

The exhibit of the Globe Optical Co. was in charge of H. G. Barber, R. C. Thompson, W. W. Slade, F. M. Drisko, Geo. B. Nagel, L. E. White, W. L. Bowser and F. A. Barber, and all were kept busy demonstrating Rogers ophthalmic cabinet, De Zeng's instruments, Hamilton's axis-finder, "Globe" work bench, frameless edging machines, lens cutters, lens drills, ophthalmic tables, fitting tables, special suit case for trial case of traveling optician, strap pliers, stud pliers, Reisner retinoscopes and lens measures, and trial cases.

The souvenirs offered by the firm were nickel-plated screwdrivers and celluloid pupilometers.

EXHIBIT OF D. V. BROWN, PHILADELPHIA, PA.

At the exhibit of D. V. Brown, Messrs. Marsden and Podesta belied the name of "Kantseum"; you could not "not see" them, and if you saw them you saw the "Kantseum" invisible bifocal, the "Itsit" mounting, Rhoads instantaneous refractor, mobile goggles, "Express" opera glasses that do all the focusing on the inside, Brown "Sanitary" guard, "Trupoise" mountings and medical chests.

The souvenirs offered were a neat bronzed medal to which was attached a Brown "Sanitary" guard and a pupilometer.

EXHIBIT OF STANDARD OPTICAL CO., GENEVA, N. Y.

At the exhibit of the Standard Optical Co., C. E. Quimby was kept busy demonstrating screw finishing machines, Acme lens drills, toric lens grinders, bridge bending machines, edging machines, automatic beveling machines, tamping machines and their lens centering, marking and testing instrument.

EXHIBIT OF GENEVA OPTICAL CO., GENEVA, N. Y.

The Geneva Optical Co.'s exhibit was in charge of G. R. Travis, who showed trial cases, field and opera glasses, pliers, retinoscopes and schematic eyes.

EXHIBIT OF TRIAL FRAME STANDARD CO., SYRACUSE, N. Y.

Dr. D. W. Bull here demonstrated a new trial frame called the "Trial Frame Standard," which consists of a trial frame and chin rest supported by a floor stand, and so arranged that no pressure of any kind is brought to bear on the patient's nose or behind the ears.

EXHIBIT OF WINCHESTER OPTICAL CO., HORSEHEADS, N. Y.

At this booth H. C. Genung demonstrated automatic edging machines and a new mounting known as "Clarke's Elite."

EXHIBIT OF PINKHAM & SMITH, BOSTON, MASS.

Walter G. Wolfe was in charge of this exhibit, and demonstrated an automatic toric lens grinding machine, an instrument that permits a true lens being made by an unskilled workman.

EXHIBIT OF NORTHERN ILLINOIS COLLEGE OF OPHTHALMOLOGY AND OTOLOGY, CHICAGO, ILL.

Col. C. Waldenbury here extolled the value of Murine and its companions, and dispensed information regarding the college course given by his firm.

The souvenirs were "Murine" pencils and a puzzle.

EXHIBIT OF E. B. MEYROWITZ, NEW YORK.

Oswald B. Carson had charge here. The display consisted of ophthalmometers, electric ophthalmoscopes, lens cutters, Savage cyclophorometers, monocular phorometers and "Finch" mountings.

EXHIBIT OF BOSTON OPTICAL CO., BOSTON, MASS.

Wm. P. McEvoy and F. R. Hardenbergh were in charge and displayed a full line of books dealing with optics and optometry, ophthalmometers, phorometers, ophthalmoscopes, "Trupoise" mountings and "Moore's" non-leakable fountain pens. A feature of this exhibit was their 9.00 dioptry curve toric lenses.

EXHIBIT OF W. H. REISNER MFG. CO., HAGERSTOWN, MD.

W. H. Reisner took personal charge of the Reisner specialties, the "Target" guard, his lens measure and his tilting retinoscope.

EXHIBIT OF ROCHESTER SPECTACLE CO., ROCHESTER, N. Y.

Edward Hilfinger and Frank Stortz demonstrated the advantages of the "U. S." box stud, the "Kno-slip" guards, and the new "X-Zakt" guard.

EXHIBIT OF M'INTIRE, MAGEE & BROWN, PHILADELPHIA, PA.

This display, in charge of W. H. Ingram and H. Thornton, contained the "Kacheo" guard, "Reform" bifocals, optical books, face measures, sight-testing helps and special charts.

The souvenir was a handsome watch fob.

EXHIBIT OF MARTIN, COPELAND CO., PROVIDENCE, R. I.

Mr. Martin demonstrated at this booth his firm's axis and prism finder.

EXHIBIT OF E. KIRSTEIN'S SONS CO., ROCHESTER, N. Y.

The exhibit of this firm deserves special commendation. The reception room was handsomely decorated and proved a favorite resting place for many of the ladies. Punch and lemonade were always circulating, and the gentlemen were soon on and "shur-on" to the cigars.

The souvenir, illustrated in this issue, was a large badge, a ribbon run through a celluloid plate, on which could be read, "Who's on?" Then by pulling a little string a pretty head appeared, under which sprung up the words "Shur-on."

The exhibit consisted of the Shur-on specialties—lens grinders, test cases, fitting tables, lens drills and edging machines, ophthalmometers, stigmatometers, retino-skiameters, trial frames, axis and prism finders, books, cases, binoculars and retinoscopes.

Those in charge were H. E. Kirstein, W. L. Waldert, F. E. Waugh, A. J. Fairbairn, Ben Hillsbury, Grant Whittlesey and Geo. S. Lammerts.

EXHIBIT OF THE EYE FIX REMEDY CO., DETROIT, MICH.

As one entered the Exhibit Hall he was impressed with this magnificent display. Flash bulbs made things whirl and eyes ache, but this was all for a purpose—let anyone say that his eyes hurt, and before he realized it he had a drop of Eye Fix in each eye, dropped there by one of the jolliest men at the convention, F. H. Eastman, who had charge of the exhibit.

The souvenirs were a celluloid bound book containing a copy of official programme, an aluminum book marker and a pretty ash tray.

EXHIBIT OF MILWAUKEE OPTICAL CO., MILWAUKEE, WIS.

J. M. Webster demonstrated the "Sta-Rite" mounting, the "Sta-E-Z" guards, and a new horizontal spring mounting.

EXHIBIT OF BAY STATE OPTICAL CO., ATTLEBORO, MASS.

This exhibit was in charge of W. R. Stevens. "Be St O" goods were tastily displayed, and stress was laid upon their "Beauty" horizontal spring. A full line of chains, pins and regular mountings was included in the display.

Souvenirs were a stick of solder and a bottle of assorted eyeglass screws.

EXHIBIT OF C. P. GOERZ OPTICAL WORKS, NEW YORK.

Miss C. McDonnell was in charge of a beautiful display of Goerz Triedner binoculars and Goerz lenses. The souvenir booklet, "To All Lovers of Nature," and the catalogue were gems.



SOME ATTRACTIVE DISPLAYS SEEN IN THE EXHIBITION HALL AT THE RECENT CONVENTION OF THE A. A. O.

Optical Department.

EXHIBIT OF THE HUB OPTICAL CASE CO., EAST DEDHAM, MASS.

Wm. Zoerb displayed a full line of spectacle and eyeglass cases, comprising over 100 styles.

EXHIBIT OF THE WARNER & SWASEY CO., CLEVELAND, O.

Miss M. E. Cramer demonstrated and described the prism binoculars and the prism terrestrial telescope. All parts of a prism binocular were shown in a separate case for that purpose; photos of the two largest telescopes in the world, the 40-inch Yerkes, of the University of Chicago, and the 36-inch Lick, of the Lick Observatory, California, were here exhibited, together with that of the 26-inch telescope of the United States Naval Observatory at Washington.

A sample of the telescope used by the United States Signal Corps in field work was open to inspection.

EXHIBIT OF B. MAYER, BALTIMORE, MD.

Mr. Mayer himself demonstrated the special features of his solid, one-piece "Bisight" bifocal.

EXHIBIT OF POLLAK & MICHAELS, NEW YORK.

Mr. Pollak demonstrated the valuable and practical features of the various forms of "P. & M." guards.

EXHIBIT OF L. L. MINCER, ROCHESTER, N. Y.

Here were seen the "Mincer" axis register, retinoscope, ophthalmoscopes and an adjustable folding lens frame.

EXHIBIT OF THE JOHNSTON OPTICAL CO., DETROIT, MICH.

C. M. Scammel and D. B. Thompson demonstrated the ametropometer, and explained the values of the "Never Wiggle" studs and guards, the automatic grooved bifocal, the "Dubber" torch for soldering, the "Health Ray" lens and some special charts.

EXHIBITS OF THE FOX OPTICAL CO., PHILADELPHIA, PA.

Mr. Cummins did justice to the many valuable Fox specialties at this exhibit.

EXHIBIT OF C. J. KIRBY, WILLIMANTIC, CONN.

Here was displayed an entirely new style of eyeglass guard chain, called the "Conner E G. Holder," samples of which were given away as souvenirs.

EXHIBIT OF THE SHORT & MASON CO., LTD., LONDON, ENG.

A superb line of barometers, anemometers, compasses and levels were here exhibited.

EXHIBIT OF TAYLOR BROS. CO., ROCHESTER, N. Y.

Chas. Taylor supervised the display of this well-known firm's extensive line of thermometers.

EXHIBIT OF THE R. HOEHN CO., BROOKLYN, N. Y.

This display of thermometers was in charge of T. M. Stewart, and as this firm, the Watertown Thermometer Co., and the Taylor Bros. Co. are the representatives of the London firm, the Short & Mason Co., their exhibits were combined, and it would be difficult to produce a more complete display of these articles.

EXHIBIT OF L. E. WATERMAN CO., NEW YORK.

Waterman's Ideal Fountain Pen display was in charge of F. S. Waterman, and the display was well up to the Waterman standard.

EXHIBIT OF THE W. & S. BLACKINTON CO., NORTH ATTLEBORO, MASS.

This concern's booth showed a complete display of watch chains, fobs, necklaces, bracelets, lockets, dog-collars, chatelaine pins and eyeglass chains.

The exhibit of the W. & S. Blackinton Co. was conceded to be one of the most artistic in the hall. Their booth was a miniature jewelry store, decorated in solid royal purple, with the "Old Reliable" star conspicuous on either wall and also over the entrance. "Old Reliable W. & S. B. *" (star) chains, lockets, fobs, bracelets and necklaces were displayed in a large plate glass illuminated show case, and on the walls were nearly a thousand chains in artistic arrangement. The rear of the booth was luxuriously furnished in mission weathered oak. Every convenience for visiting ladies was provided, and they found the booth a convenient resting place. The display was in charge of Frederick H. Carpenter, western salesman, and George G. Wheeler, factory manager, who gave practical demonstrations of the method of producing gold filled stock and also seamless wire.

One feature of the exhibit was a Blackinton chain which had been worn continuously for 39 years, and according to the owner "had only within the last few months shown any signs of wear."

EXHIBIT OF JOSEPH FAHYS & CO., NEW YORK.

J. F. Ruth was in charge of an artistic display of this firm's well-known filled watch cases.

EXHIBIT OF PAUL GOUGELMAN, NEW YORK.

Here was displayed the new "Cantlose" eyeglass hook.

EXHIBIT OF THE E. HOWARD WATCH CO., WALTHAM, MASS.

C. H. Few was not only busy showing a fine line of watches, but kept everlastingly urging the adoption of a fixed retail selling price for watches.

EXHIBIT OF R. F. SIMMONS CO., ATTLEBORO, MASS.

Hundreds of styles of chains were displayed at this booth, and many attractive ideas were carried home by its visitors.

A. B. Davies and M. Wolf were in charge of the W. Green Electric Co.'s display of motors, dynamos, dynamotors and demagnetizers.

The Kryptok invisible bifocal and the amber lens and amber retinoscope were ably demonstrated by Mr. Klein.

W. J. Mullin, of the Yawman & Erbe Mfg. Co., Rochester, N. Y., explained the value of the various card index and recording systems manufactured by this firm.

The remaining booths were those of the Rochester Optical Society, where mail for members was received and distributed and where "any old" question was answered; the National Association secretary's booth, the railroad certificate redemption booth and the registration booth.

THE REGISTER.

R. M. Lockwood, New York; H. F. Jordan, Brattleboro, Vt.; D. G. Gallett, Aberdeen, S. Dak.; D. F. Fiech, Milwaukee, Wis.; G. R. Simons, Langford, S. Dak.; A. J. Peck, Watkins, N. Y.; E. Le Roy Ryer and P. A. Dilworth, New York; W. W. Slade, F. M. Drisko, R. C. Thompson and George B. Nagle, Boston, Mass.; D. M. Boney, Ocala, Fla.; S. C. Cozad, Wheeling, W. Va.; D. B. Thomson, Detroit, Mich.; F. Weidenfeld, Richmond, Va.; Wm. Zoerba, Dedham, Mass.; O. C. De Selms, Attica, Ind.; C. H. Ver Nooy, Watkins, N. Y.; B. H. Brooke, Brooklyn, N. Y.; Alfred Wenzel, Jersey City, N. J.; Ernest A. Lewis, Toronto, Can.; A. A. Lyman, Bridgeport, Conn.; F. S. Billington, Richmond, Va.; George H. P. Stone, Ilion, N. Y.; C. Waldenburg and F. G. Hall, Chicago; E. G. Worthley, A. V. G. Worthley and Mrs. E. E. Craig Amesbury, Mass.; W. C. Sommer, Springfield, Ill.; Louis Wilhelm, Worcester, Mass.; L. L. Stone, Corning, N. Y.; G. E. Shoemaker, Middleburg, N. Y.; F. E. Robbins, Elmira, N. Y.; M. Edeies, Syracuse, N. Y.; W. L. Hopkins, Montour Falls, N. Y.; W. H. Safford, Newburyport, Mass.; Paul A. Meyrowitz, New York; Wm. Hansell, Ottumwa, Ia.; Samuel Ruppert, Durham, N. C.; Dr. H. J. Tippitt, Constableville, N. Y.; Dr. H. E. Ormstedt, Jr., Boonville, N. Y.; J. H. Ellis, South Bend, Ind.; S. L. Ulkee, Wilmington, Del.; F. A. Elmer, Hudson, N. Y.; Mr. and Mrs. C. Speigler, Bethlehem, Pa.; H. Thornton, Philadelphia, Pa.; G. F. Matteson, New Haven, Conn.; H. Aurnhammer, Newark, N. J.; J. J. Jaskulek, Spokane, Wash.; B. Mayer, Baltimore, Md.; E. P. Linscott, Rochester, N. Y.; Charles F. Monroe, Southbridge, Conn.; Mr. and Mrs C. C. McLeese, Davenport, Nebr.; Mr. and Mrs. A. H. Towle, Lansing, Mich.; W. H. Reisner, Hagerstown, Md.; J. C. Williams, Toronto, Can.; A. J. Cross, New York; H. B. Graves and C. W. Howland, Geneva, N. Y.; F. J. Wirtz, Chicago; C. E. Quimby, Geneva, N. Y.; M. E. Colvin, Lyons, N. Y.; Clare E. Colvin, Woodhull, N. Y.; Mr. and Mrs. Frederick Boger, New York; David L. Shaffert, Haverhill, Mass.; Mr. and Mrs. Harry Witts, Kingston, N. Y.; F. J. Illingsworth, Wilkes Barre, Pa.; H. Fellnurn, Woonsocket, R. I.; Ernest R. Post, Westfield, Mass.; James A. Masterton, Providence, R. I.; J. C. Watson, New York; Mr. and Mrs. Eben Hardy, Boston, Mass.; C. S. Hart and G. H. Newell, Lynn, Mass.; W. M. Kennedy, Franklin, Pa.; L. W. Aldridge, Buffalo, N. Y.; Earl J. G. Lovett, Titusville, Pa.; C. C. Burkhart, Dixon, Ill.; D. L. Davis, Nelson, Nebr.; H. Waldeck, Milwaukee, Wis.; Wm. Newcomb, Chicago; J. M. Webster, Milwaukee, Wis.; Edwin H. Etz, Washington, D. C.; B. J. Churchill, Oneida, N. Y.; W. H. S.Wetherby, Clyde, N. Y.; Roe. Fulkerson, Washington, D. C.; H. C. Watts, Syracuse, N. Y.; W. G. Bryan, Wilmington, Del.; C. E. Shepard, Penn Yann, N. Y.; O. J. Wideman, Rochester, N. Y.; Louis H. Moun, Batavia, N. Y.; A. D. Bliss, Albion, N. Y.; H. C. Mielke, Rochester, N. Y.; Matthew J. Fowler, Lawrence, Mass.; Mr. and Mrs. J. F. Ruth, New York; A. Pellam, Rochester, N. Y.; H. A. Johnson, Monmouth, Ill.; L. L. Mincer, Rochester, N. Y.; Henry S. McKenney, Hornell, N. Y.; Frank Ehrlich, New York; Alec. Pray, Belleville, Ont.; Paul Gougelman, New York; Earl S. Smith, Utica, N. Y.; John C. Eberhardt, Dayton, O.; N. C. Rublee, Fitchburg, Mass.; H. J. Levis, M.D., Rochester, N. Y.; Mr. and Mrs. John W. M. Kinney, E. Liverpool, O.; James D. Stroud, Wilmington, Del.; Mr. and Mrs. O. M. Myers and Clifford Myers, Rock Island Ill.; B. A. Reed, Salem; G. D. Ballou, Rochester, N. Y.; George J. Kirby, Willimantic; Wm. R. Donovan, Boston, Mass.; Mr. and Mrs. A. C. Freisen, Reading, Pa.; A. G. Lawson, Chicago; Jane Hill Pratt, Tremont; W. P. McEny, Boston; Howard McEny, Somerville; Hugh Montgomery, Boston; W. F. Tuttle, Chicago; B. B. Clark, Rochester, N. Y.; A. G. Barber, Boston; W. T. Eisensmith, Charleston, W. Va.; F. R. Hardenberg, Boston, Mass.; H. G. Cook, Knoxville, Tenn.; Fred F. A. Trenleben, New York; C. M. Jenkins, Richmond, Va.; A. W. Bowers, Rochester, N. Y.; Mr. and Mrs. Wm. L. Berry, Philadelphia, Pa.; Edwin H. Silver, Rochester, N. Y.; George Johnston and C. N. Scammel, Detroit, Mich.; Mr. and Mrs. C. S. Hawkins, Perry, N. Y.; Mrs. Mary A. Kern and H. M. Barnett, Louisville, Ky.; Fred A. Barber, Boston, Mass.; Chalmers Prentice, Chicago; Oswald B. Carson, New York; William Fulton, Asotin, Wash.; E. H. Overton, Westfield, N. Y.; R. E. Flynn, Clyde, N. Y.; Richard S. Folts, Geneseo, N. Y.; George R. Bausch, Rochester, N. Y.; C. A. Gager, Cleveland, O.; Fred B. Frissell, Springfield; Gilbert S. Day, Rochester, N. Y.; Amos L. Denno, Chicago; H. A. Williams, Rome, N. Y.; C. Culverhouse, Toronto, Can.; Roger F. Williams and J. C. Nourie, Buffalo, N. Y.; Mr. and Mrs. Nelson K. Standart, Detroit, Mich.; A. B. Davies, M. Wolfe and Mrs. A. B. Dana, New York; F. E. Waugh and Florence Hastings, Rochester, N. Y.;

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The following were admitted as members of the A. A. O. during the convention:

Hugh Montgomery, Boston, Mass.; Charles S Hawkins, Perry, N. Y.; Wm. V. Fulton, Asotin, Wash.; C. A. Gage, Cleveland, O.; Gilbert S. Day, Rochester, N. Y.; Fred. B. Frissell, Springfield, Mass.; Mathew J. Fowler, Lawrence, Mass.; Louise H. Morse, Batavia, N. Y.; Roe Fulkerson and Edwin H. Ety, Washington, D. C.; C. C. Burkhart, Dixon, Ill.; W. F. Keplinger, Franklin, Pa.; O. M. Myers, Rock Island, Ill.; S. C. Cozad, Wheeling, W. Va.; A. A. Lyman, Bridgeport, Conn.; L. L. Stone, Corning, N. Y.; Wm. Hansell, Ottumwa, Ia.; Wm. H. Safford, Jr., Newburyport, Mass.; Delva Cooper, Bradford, Pa.; Dennett M. Boney, Ocala, Fla.; R. L. B. Fraser, Key West, Fla.; Julius J. Jaskulek, Spokane, Wash.; R. E. Flynn, Clyde, N. Y.; George De Estin Ballou, Rochester, N. Y.; H. J. Tippett, Constableville, N. Y.; G. F. Matteson, New Haven, Conn.; Wm. F. Pinkham, Boston, Mass.; F. H. Edmonds, Washington, D. C.; H. E. Ornstedt. Boonville, N. Y.; James A. Masterton, Providence, R. I.; J. G. Watson, New York, N. Y.; J. C. Williams, Toronto, Ont.; Harry F. Pitts, Kingston, N. Y.; Earl J. G. Lovett, Titusville, Pa.; A. H. Towle, Lansing, Mich.; Alex. Ray, Belleville, Ont.; H. A. Johnson, Monmouth, Ill.; Paul Gougelman, New York, N. Y.; H. G. Cook, Knoxville, Tenn.; R. E. Crayton, Glens Falls, N. Y.; H. A. Williams, Rome, N. Y.; Roger F. Williams, Buffalo, N. Y.; J. H. Miller, Cortland, N. Y.; Ernest A. Lewis, Toronto, Ont.; Marguerite Perry, Akron, O.; Wm. T. Kellogg, Ithaca, N. Y.; H. B. Wickans and James E. Taylor, Buffalo, N. Y.; August Marsh, Oil City, Pa.; H. T. Freeman, Westchester, Pa.; G. E. Luke, Toronto, Can., president Canadian Optical Association; Frank J. Fisher, Whitehall, N. Y.; J. E. Crimm, Spartansburg, S. C.; T. C. Williams, Irwin, Pa.; L. F. Guyott, Malone, N. Y.; B. A. Reed, Salem, Mass.; H. F. Bromey and B. F. Clark, Utica, N. Y.



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The National Academy of Optometry.

(Address delivered by E. Le Roy Ryer, New York, before the Physiological Section of the American Association of Opticians, Rochester, N. Y., July 31, 1906.)

THE problem of greatest moment confronting the optometrical fraternity today is wrapped in the question, "What constitutes a proper standard of education, and how shall such a standard be so firmly established as to make all men practicing or intending to practice optometry qualify on this basis?" Momentous, indeed, is that problem; far more so, I fear, than some realize, yet any man, properly engaged in this work, must see that upon this point hangs our fate. Every clearsighted thinker, looking the facts in the face, must conclude that if optometry is ever to receive the public's approbation, support and respect, if optometry is ever to stand apart, a recognized calling, the standard of educational requirements must be made higher than it is at present.

Granting this, the question arises, how

Optical Department.

shall we formulate, set up and maintain such a standard? Let the subject be approached cautiously. We admire the genius, the innovator who dares challenge all humanity, who dares fight, single-handed, old-established customs and long-recognized principles, who dares promulgate new ideas and untried principles, and who finally dares command his fellowmen to accept them; but while we admire such an one's courage, we must often guard against his too enthusiastic action. Such a man always tears down but sometimes fails to rebuild, too often he but succeeds in creating confusion. Therefore, when I suggest a change I still must urge that the change be as conservative as possible.

When all is at stake deliberateness is a prime essential. We must change, or, rather, we must progress, and in doing so we should, if possible, follow lines that have already proven trustworthy. Such a precedent exists in our country's method of governing. Here a town may enact such laws for its use as do not conflict with the county; the county, in turn, may have its own laws, provided they do not interfere with state rights, and the state may establish such laws as do not infringe upon federal rights. Following these lines, optometrists should have local, state and national bodies, each division making rules for its own guidance, but only such rules that in nowise interfere with the rights of others of its own class or with those of the higher divisions. These divisions are necessary, because it would be utterly impossible for any single body to care properly for all; the conditions vary so that each section must meet its own specific problems, but there are some interests equally valuable to all, and some important rules that, if not adopted by all, lose their effectiveness. Thus, even though some of the local societies are doing very commendable work along educational lines, the efforts lose half their effectiveness by having no single aim.

Of course, if one has assimilated the proper amount of knowledge, we need not concern ourselves about how, when or where he obtained it, but this is not the only factor in our problem. If it were merely to educate the individual optometrist it would require but one form of action, but we have not only to educate the optometrist, but must educate the general public as well.

What is meant by educating the public? Just this: The medical profession has the public educated to such an extent that, when the question is one of medicine, it believes implicitly in the individual physician. This is right, to be sure, but the optometrist should have the public so trained that when the question is one of refraction, the optometrist, as a matter of course, would be sought. To gain the public's confidence, we must do more than good work as individuals, we must join forces and as a class prove that for optometrical work we are superior to any other class.

The public recognizes the fact that every physician has to aim at a certain standard of education, and if the public knew that we aimed at an equally high standard in our work, it would gladly put entire faith in us, because, even under the present unsettled conditions, they trust us with the larger part of the refraction work, else how can we account for this large assemblage of what must be prosperous optometrists. Therefore, if we can succeed thus under adverse conditions, complete success cannot be so far beyond our reach—can it? I am optimistic enough to believe that it is attainable.

Some seem to think that state laws are all that is needed; but is it not true that a state law calls for an examination only, and is purely a means of ascertaining whether or not the applicant has qualified to practice under that law? The state law simply estimates your knowledge, but it does not in any way afford you a means of obtaining the knowledge required. It assumes that you have done your studying and then tests you.

A few of the states have optometry laws, a few more are endeavoring to obtain them, but what about the other states which cannot reasonably expect the passage of optometry laws for years? If an optometrist happens to live in Delaware, is it fair that he should not be recognized? Yet the law of California or of any other state outside his own does him no good. A state law benefits those only who reside in that particular state. Some of the most talented men are apt to reside in those states that will be the last to pass optometry measures, and I feel therefore that there should be some means whereby all reputable optometrists, regardless of their geographical location, may be benefited. With a sincere desire to see that means obtained, I suggested the formation of the National Academy of Optometry.

Let the term academy be thoroughly understood. I use it in its strictly proper sense, not meaning a school or college wherein a regular course of instruction is given, but an association of scientific men, combined for the promotion of science. Thus the academy, being a nationally representative body, could formulate a standard, free from local prejudice, neither too low nor too high, yet high enough to secure both its own and the public's respect.

This academy could lay out a course of study, the local societies could arrange to give instruction along this course, the colleges could teach with this standard in view, and in this way concentrated effort could create so powerful a movement as to attract public attention. The public's attention once attracted, all that we need do is show that our standard is a high one, and then any man holding a certificate issued by the National Academy of Optometry would be and could be fully trusted.

A basis for the academy might be somewhat as follows:

Membership in this not to interfere in any sense with membership in any or all other societies.

Entrance examination to be of so high a standard that passing it will be sufficient evidence that applicant is fully qualified to practice optometry.

The reward offered in the way of credentials to be of sufficient value to repay the recipient for the study required to gain entrance.

Provision to be made to stimulate original research and foster careful, organized thought upon optometrical subjects.

Make it imperative that each member once each year do some original work and make a report of the results.

At each meeting a vote be taken as to what is the most vital optometrical question confronting the profession at that time This agreed upon, let each member work upon it and contribute all that is possible at the next meeting, the reports to be discussed and condensed and the total results widely and unrestrictedly published for the benefit of the profession at large. Thus the knowledge of the best men in the country can be concentrated and employed to the very greatest advantage. This organized thought is bound to surpass any individual efforts, and will prove our strongest argument in favor of legislation.

The next question is, "When and from what source shall the academy originate?" Some believe it should be an entirely new and independent organization, others that it should be developed by the Physiological Section of the A. A. O. Personally, my chief concern is to see that it gets established somehow.

Whether or not the Physiological Section can undertake this is a question that I dare not attempt to solve, but I can say that to do it that body would have to undergo complete reorganization. As it stands it is not effective. The truth is, any one can too easily gain admittance, its standard is not of a sufficiently high character to carry any weight. Must we not admit that, in any true sense, membership in this section counts for practically nothing? Yet I admit it is the best we have, but if the best we have isn't the best we can get, it is time we got after the best!

Another fact to contend with is that this section has a large membership, these men have paid their dues, complied, it is to be presumed, with all requirements, and must, therefore, be given consideration. If this section is to father the National Academy, what will it do with its members who cannot come up to the new standard? A vote might be taken in this section, and if a majority favor the academy plan, let the new standard be established. This would naturally cause the academy to be substituted for the Physiological Section, but would that not be a step forward!

I do not address you as a body or request official action, but I do ask each man, as an individual, to take up this matter with himself and express himself without fear.

One thing I can assure you—the National Academy of Optometry will be formed, and I am authorized to state further that a sufficient number of men have already pledged themselves to that effect, but these men desire concerted action, desire a general expression of opinion and a general participation in the conferences and in the benefits.

Think, think well and long, but when you do reach a conclusion, act—act either for or against the academy, but act!

Optical Department.

Legislation.

(Paper read by Edw. E. Arrington, before the annual convention of the A. A. O., in Rochester, N. Y.)

IT has oft been said that "by our failures we learn more than we do by our successes," and in that respect I may possibly be in a position to do part justice to the subject of legislation, from the experiences gained in endeavoring to help secure the passage of suitable laws governing the practice of optometry in this State, at the last three sessions of the legislature. Although our efforts, up to the present time, have not been crowned with success, it is conceded that what has been accomplished so far has all been of much value in making it possible for optometry legislation in the near future, not only in New York State, but in all other states where there is no law at present.

A great amount of publicity has been given this subject by the leading trade journals and daily press, besides numerous expressions of good-will from other state societies. Offers of financial assistance have been tendered, which have caused some of those closely identified with the subject to advance the possible plan of mutualization of efforts in this direction, and possibly centralizing our energies in two or three states, and when successful there attempt it in others. This matter is worthy of consideration, as there is no doubt that when the State of New York has such a law it will be much easier to secure similar legislation in other states.

Another advantage would be that instead of widely different optometry laws, all future legislative bills would have provisions as similar as it is possible to draft them, and yet not conflict with such state laws as are now operative in regard to the appointing power of the executive in relation to state commissions and boards of regents governing the health laws of the different states. All proposed laws should have an annual registration clause, as time has proved its absence to be the weak point of the general medical practice act, as it is an undisputed fact that there are thousands to-day practising on dead men's certificates in the medical profession.

An annual registration clause would also enable the State Optical Society to keep, at all times, a strict watch on those practising under the law. All exempt clauses should be similar in regard to number of years in practice prior to enactment of measure. It is also advisable to have a clause in all future state laws, similar to that which was added to the New York bill last Winter, in regard to those who are eligible to practise and yet have no regular place of business, which compels a bill of sale, with name and address in all such transactions. This clause would not be unjust to the legitimate man, but would make it difficult for the dishonest one to remain in business. A clause for revocation of certificate upon proof of gross or immoral conduct, and one in regard to minors, should also be inserted in all future bills.

To-day there are five states that have optometry laws upon their statute books, namely: Minnesota, which was passed in 1901; California and North Dakota in 1903; Oregon and New Mexico, in 1905. In all these states the law was passed the first year of its introduction, with practically no opposition. The question that naturally arises right here is, "Why has not the example of those states that now have optometry legislation influenced New York State to pass a similar law?" In answer to this I would say that while it has been in all probability no easy matter in these states, the conditions are entirely different there than in New York.

The first attempt was made in this State in 1896, and the bill was lost in the lower house by a very narrow margin. No further effort was made until 1904, when it was again introduced, referred to the Commissioner of Public Health, and never saw daylight. It met the same fate in the legislature of 1905, as well as 1906, notwithstanding the fact that at all the various hearings before the committee it was acknowledged that the conditions were such that some legislative action should be taken, and when our side of the question was so plainly stated, and those who were opposed could not advance a single argument that had any merit in it, and where a jury of 12 disinterested men would have decided in our favor without leaving their seats, yet, with all this, the bill remained in committee until adjournment at each session of the legislature for the past three years. The best answer that could be given as to why this is would be the fact that the attempts at dental legislation met a similar fate for nine or 10 consecutive years before they were successful.

Our main opposition in New York State has always come from a small proportion of the medical profession who have unfairly misrepresented the intent and purposes of the proposed bill, which has caused our motives to be misconstrued by medical bodies, or at least by those who attend its meetings, so that a vote of a county medical society against the measure creates the impression that it means the whole of the medical profession, whereas it is only the voice of a prejudiced few, who seem to believe that the best interests of themselves and their profession will be served by claiming that all persons' eyes should be examined by an M. D.

But the broad-minded, most intellectual and best men are with us in our efforts, and know that there is a legitimate field for our calling, and I again repeat that fully 90 per cent. of the medical fraternity are in favor of legislation upon this subject; yet what we need most is a few men at these medical conventions who have the courage to stand up and ask the question, "Why should we deny these men that which was not denied us?"

The arguments that have confronted us have been, first, that optometry is really a department of medicine as it is recognized to-day; second, that if the door is opened to optometrists there will be an in-rush of other specialists that will prove overwhelming, and destroy the present medical laws that have been built up at the cost of such great effort. Now, while we realize the jealous care with which medical men have a right to view the present laws, yet we think that these facts should not be overlooked: That the optometrist was examining the public's eyes and furnishing glasses centuries before any part of the medical profession did, and that fully four-fifths of the people wearing glasses to-day were fitted by men in our profession; that as the law stands now, any one can go out into the by-ways with a valise filled with glasses, calling himself Prof. So-and-So, or Dr. Someone, and humbug the public.

That there should be a law compelling everyone to be qualified who claims to refract the eye for glasses, and to prove his qualification before competent authority under the jurisdiction of the State.

That such legislation is in the line of compulsory education, which has already shown its efficiency in kindred scientific callings where the State has compelled a standard of educational qualifications as a prerequisite to practise, and the whole people have been benefitted thereby.

That in those states where a similar law is now in operation many of the abuses that such a bill seeks to eliminate have already been done away with. That those who oppose our efforts are mainly responsible for every injustice done to the public through the lack of such legislation. That all in the medical fraternity should, instead of opposing such needful legislation, work hand in hand with us to secure such a measure.

Yet it is not for us to condemn the entire medical profession for the unfair tactics of a few of its members, but simply continue on in our efforts, and in the meanwhile show, by our conduct in our various places of business, that we hold the public's eyesight and our profession above selfish interests. Adopt a code of ethics and live up to it. Strive to daily become more proficient in our calling. Don't claim a pair of glasses to be the panacea of all evils. Refer all cases that require medical treatment to their proper source. In fact, have faith, courage and ability. Faith that right and justice will prevail for us in the several state legislatures, courage to stand the setbacks, and ability to carry on our professional work, which, in itself, is sure, eventually, to accord us that position in the professional world to which we are justly entitled.

An Attractive Souvenir of the Great Convention.

THE souvenir given by the Bausch & Lomb Optical Co. was a daintily bound book entitled "Lenses," under which title appeared "Published in Honor of the Ninth Annual Convention of the American Association of Opticians." The book gives an account of the history, theory and manufacture of lenses. The chapter on glassmaking was written by Dr. Krippendorf, director of the glassworks of Freden, and the "History of Spectacles" by Dr. William Bock, of Vienna.

In the introduction the following passage occurs: "American opticians have always generously accorded us that support and confidence so essential to the successful upbuilding of a business; for this we take great pleasure in acknowledging our gratitude and in dedicating to them this book."

Optical Department.

Full Report of the 11th Annual Meeting of the O. S. S. N Y.

ROCHESTER, N. Y., July 30.—President W. W. Bissell called the meeting to order, and in a short address welcomed all in the name of the Optical Society of the State of New York and the Rochester Optical Society, and hoped that the work would be interesting and profitable to all. Secretary Roger F. Williams then read the minutes of the last meeting, which were adopted as read. Treasurer F. E. Robbins delivered the financial report, showing a balance of several hundred dollars in the treasury, which report was accepted.

H. C. Watts, chairman of the Executive Committee, submitted his report, which was accepted as read. E. E. Arrington, chairman of the Legislative Committee, made a spirited speech in the course of his report. He urged that all members endeavor to listen to his address on "Legislation," to be delivered Wednesday morning, for in this he will show why the layman should know why the optometry bill does not become a law. He will explain the situation without throwing mud, and promises that within 365 days an optometry law will be on the statute books, if he be properly supported. (Wild applause.) Mr. Arrington has worked most strenuously against great odds to secure the passage of such a bill, and has entire faith in its ultimate success. He claims that New York State is the most difficult in which to obtain the passage of such a bill, but that we are now nearer than we ever before have been, and that if we will only continue to urge it we will certainly succeed.

W. W. Bissell earnestly requested that all would listen to and study Mr. Arrington's paper.

President W. W. Bissell then delivered the annual address, which was heartily applauded.

Under the heading of new business the secretary read a number of letters from various sources, urging that the next meeting be held at some one of these cities. P. A. Dilworth moved that these communications be answered by the secretary, the writers thanked, and told that the Executive Committee would take the matter in charge. The motion was carried.

F. E. Robbins proposed that Elmira be selected as the next place of meeting, urging that it was centrally located and afforded excellent railroad and hotel accommodations.

Mr. Arrington said that out of simple courtesy to and as a slight mark of appreciation of Mr. Robbins' past services, this should not be opposed in any way. The Executive Committee will take the matter in hand.

E. LeRoy Ryer moved that the Optical Society of the State of New York become affiliated with the American Association of Opticians. After a spirited discussion it was moved and carried to lay the matter on the table, to be reconsidered at the afternoon session, when a number of those not present at the morning session could join in the deliberations.

A motion made by W. W. Bissell that $50 be voted the A. A. O. toward defraying the expenses it had been put to in fitting up the convention and exhibition hall was carried. W. W. Bissell then appointed a committee, composed of Messrs. Dilworth, Cross and Clark, to audit the books of the treasurer. On P. A. Dilworth's motion the meeting was adjourned until 2 o'clock that afternoon.

AFTERNOON SESSION.

P. A. Dilworth moved that E. LeRoy Ryer's motion be taken from the table, regarding the affiliation of the State with the National Society. B. B. Clark stated that he approved Mr. Ryer's motion, and explained in detail what such a movement signified. Briefly, any member of the State Society could then become a member of the A. A. O. by the payment of $1, instead of $2, as matters now stand. This affiliation not to be as a body, but purely for social and scientific purposes; thus no coercion is brought to bear. A member of the State Society need not join the A. A. O. unless he so desires.

P. A. Dilworth moved an amendment to motion made by Mr. Ryer, which was accepted, and made the motion read: "Moved that the O. S. S. N. Y., for social and scientific purposes, become affiliated with the A. A. O., said affiliation to involve no financial obligation on the part of the State Society as a body." The question was put and the motion carried.

W. W. Bissell opened the subject of legislation, giving a history of the past efforts to obtain the passage of an optometry bill. The time has arrived to decide whether or not these efforts should be continued, and a general expression of opinion was called for. B. B. Clark urged a continuance of the present methods, and believed that a bill can be obtained next year. H. C. Watts said that Central New York desired the work carried on, believing we are near the goal, and all that is needed is to keep at it. F. E. Robbins said that Elmira was for legislation "now and always."

E. LeRoy Ryer, New York, stated that he deemed it wise to continue the work. To stop, as had been suggested, for a few years, would be to lose the benefit of all the work that has been done, and that instead of quitting he would advise collecting all the force possible and making a supreme effort next year. G. H. P. Stone, Utica, stated that he was "red-hot" for it. E. E. Arrington, Rochester, pleaded most earnestly to keep at it. He said in part: "Some say we have made no progress! Absurd! Three years ago twenty reputable physicians appeared at Albany against us. Two years ago three physicians appeared against us. One year ago one physician appeared against us, and he apologized for being there. Next year not one physician will dare appear against us.

"Formerly legislators' desks were flooded with protests from physicians. Not so last session. St. John Roosa and Frank Van Fleet, arch enemies, were not there last year. The press, the public and 80 per cent. of the medical profession are now with us. Is not that progress? Don't quit. The loser quits; the winner keeps on and on, and we must win. So keep on and on. *Collier's Weekly* has promised to take the matter up in its pages and disclose the facts. We were in a position to expose some of the best known physicians in New York; have vouchers to show that they took commissions from jobbers. Did we show them up? No! And Mr. Meyrowitz and Dr. Root know that we played fair. We always did and will play fair, and they are recognizing that fact. Is that not progress? I sent five questions to each of the five States that have optometry laws, and here follows the answers from New Mexico:

"Q. How many years did you have to introduce the bill?

"A. It was passed the first year.

"Q. Were physicians your strongest opponents?

"A. Bill was approved by Medical Board of New Mexico.

"Q. Did you have any objections from men in the same line?

"A. No, except from traveling opticians.

"Q. What was the vote, for and against it, at the time bill was passed?

"A. It passed without any serious objection.

"Q. Is the law giving satisfaction?

"A. Absolutely so."

H. C. Watts' motion that legislative work be continued was carried. The Auditing Committee made a report, which was accepted as read.

E. LeRoy Ryer, at the suggestion of W. J. Benn, moved that a vote of thanks be extended to the retiring officers and members of committees. President Bissell requested Mr. Benn to put the question, which resulted in the motion being carried unanimously.

P. A. Dilworth moved that a committee of five be appointed to bring the Constitution and By-Laws and the Code of Ethics up to date. The motion being carried, the Chair appointed the following committee: P. A. Dilworth (chairman), E. LeRoy Ryer, G. H. P. Stone, Roger F. Williams and E. E. Arrington.

The Nominating Committee having submitted the slate, the following were duly elected to office for the ensuing year, 1906-1907: President, W. W. Bissell, Rochester, N. Y.; Vice-President, E. LeRoy Ryer, New York; Secretary, Roger F. Williams, Buffalo, N. Y.; Treasurer, F. E. Robbins, Elmira, N. Y.

Executive Committee—H. C. Watts, Syracuse; E. V. Syrcher, Buffalo; C. E. Shepard, Pennsylvania; George E. Bausch, Rochester; P. A. Dilworth, New York; A. M. Kinney, Utica.

Legislative Committee—E. E. Arrington, Rochester; A. Jay Cross, New York; B. B. Clark, Rochester; A. Martin, New York; S. Stern, Kingston.

The secretary was ordered to cast one ballot for each officer, and this done, they were declared duly elected.

This closing the business, the meeting, upon motion of B. B. Clark, adjourned.

Those present at the meeting of the Optical Society of the State of New York were:

E. Le Roy Ryer and P. A. Dilworth, New York; Louise H. Moore, Batavia, N. Y.; B. J. Churchill, Oneida, N. Y.; A. D. Bliss, Albion, N. Y.; M. E. Colvin, Lyons, N. Y.; E. L. Davis, Pulaski, N. Y.; Clare E. Colvin, Woodhull, N. Y.;

Optical Department.

A. J. Peck, Watkins, N. Y.; H. C. Milke, Rochester, N. Y.; I. M. Schwab, Saratoga, N. Y.; H. F. Pitts, Kingston, N. Y.; H. C. Watts, Syracuse, N. Y.; C. E. Shepard, Penn Yan, N. Y.; F. A. Elmer, Hudson, N. Y.; F. Startz, Rochester, N. Y.; G. E. Shoemaker, Middleburg, N. Y.; C. H. Van Nooy, Watkins, N. Y.; L. W. Aldridge and Roger F. Williams, Buffalo, N. Y.; F. E. Robbins, Elmira, N. Y.; A. Pellon and C. I. Sumeriski, Rochester, N. Y.; B. H. Brooke, Brooklyn, N. Y.; C. S. Hawkins, Perry, N. Y.; Richard S. Folts, Geneseo, N. Y.; W. I. Haynes, Herkimer, N. Y.

Alumni Meeting of the Rochester School of Optometry.

THE faculty of the Rochester School of Optometry invited all its members and graduates to attend a banquet served at Masonic Temple, Tuesday, July 31.

The object of the meeting was to form an alumni association, and as so many were in Rochester attending the national convention, no more fitting time could have been selected.



ALUMNI OF THE ROCHESTER SCHOOL OF OPTOMETRY.

R. M. Lockwood, Wm. J. Benn and E. LeRoy Ryer were the only guests other than the students, and were asked to attend as members of the press.

The following officers were elected for the ensuing year: President, Edwin H. Silver, Rochester, N. Y.; vice-president, Robert L. B. Fraser, Key West, Fla.; secretary, Robt. E. Flynn, Clyde, N. Y.; treasurer, Ed. P. Linscott, Rochester, N. Y.

After enjoying the delicacies of the banquet, President Edwin H. Silver and others addressed the members.

MEMBERS OF THE ALUMNI ASSOCIATION.

E. H. Silver, Rochester, N. Y.; R. E. Flynn, Clyde, N. Y.; Dean Dockstader and L. P. Linscott, Rochester, N. Y.; C. H. Hawkins, Perry, N. Y.; C. E. Shephard, Penn Yan, N. Y.; O. Robinson, Newark, N. Y.; Ed. L. Davis, Pulaski, N. Y.; J. J. Jaskulek, Spokane, Wash.; A. J. Peck, Watkins, N. Y.; H. E. Aurnhammer, Newark, N. J.; Harry MacKaye and J. L. Mincer, Rochester, N. Y.; G. M. Failing, Buffalo, N. Y.; Harry Van Winkle, Milton Goodman, Geo. D. Ballou, Wm. Kindler, Fred Theim and C. C. Kelly, Rochester, N. Y.; Robt. L. B. Fraser, Key West, Fla.; Ernest Bysche, Rochester, N. Y.; R. M. Lockwood, New York, N. Y.; Lumen Cook, Bennington, Vt.; Chas. Handle, Buffalo, N. Y.; Grant Whittlesey, Cleveland, O.; J. J. Griswold, Avoca, N. Y.; B. B. Clark, Rochester, N. Y.; W. J. Benn, Ellery Hanby and Perry Newman, Philadelphia, Pa.; E. LeRoy Ryer, New York, N. Y.; J. A. Burchard and Dr. Arthur H. Bowen, Rochester, N. Y.

Things in General, Education in Particular.

(Paper read by E. CULVERHOUSE, Toronto, Ont., before the recent convention of the A. A. O., in Rochester, N. Y.)

WHEN I was invited to take part in the proceedings of the day by giving a paper, I will admit that it was with some little fear that I accepted. I realized, however, the duty placed before me, a duty that was made all the more apparent by the fact that I was one of the Canadian contingents, who have come over here to mingle with our confreres, to take the fraternal hand of good fellowship, and to join with you in making a success of the annual meeting for the year 1906. Truly, it is a banner year. Our membership has increased, and much greater interest is being taken in the scientific part of our work, giving us hope that in the near future something substantial will be the outcome of this, the American Association of Opticians.

The title of my paper, "Things in General, Education in Particular," I have chosen for the reason that I have been honored by being one of your regents during the last three years. This placed me in a position to speak with some assurance regarding our work during that time. I regret that during the greater part of the first two years our work was very light. This, however, has been more than made up by the duties which we have had to perform during the last year. During this time quite a number of theses have gone through our hands. The standing of some of these has been very high, some rather mediocre and some pretty well down. With quite a few of these there was a misapprehension.

In this way, brevity seemed to be the watchword, but, as a matter of fact, it stands to reason that the longer it is, the better, providing, however, it was all good matter. Then in some the writing was very poor. This, of course, made it a difficult matter for us to get a clear insight as to what was really intended. Added to this, grammar and writing were not the best. These points may not seem to amount to a great deal, but close attention to these items would certainly be much better. I trust, therefore, that the duties of your regents in the future will be made easier, because of closer attention to these details.

What I want to impress upon you particularly is this: That a more extended course of work should be taken up in connection with the papers for application in the physiological branch, so that in this way a better basis of education will be arrived at. I have gone over the ground fairly well, and suggest for consideration that the following subjects be written upon, namely: Optical Principles, Properties of Lenses, Anatomy of the Eye, Physiological Optics, Errors of Refraction, Anomalies of Muscles, Heterophoria, Diseases of the Eye, Hygiene of the Eye, Materia Medica and Ocular Therapeutics, Mechanical Optics and Dissection. The two last I think very important. Mechanical Optics should include the assurance that the writer is well versed in the laying out and grinding of lenses, assembling the same in their proper mounts, transposition, etc., and that at least three months has been devoted to that work, so that the applicant is thoroughly conversant with it.

In regard to Dissection, I think it would help very much in many ways. Some of us, no doubt, could get the opportunity of attending the clinics at some hospital, and see this work done. Others, not having that opportunity, could interest the local physicians, and in this way not only gain added knowledge for yourself, but prove that you were trying to get the fullest information on this subject, and incidentally all would get better acquainted with one another.

I claim that it is time something of this kind should be done. I regret that the plan, as laid down some time ago by Mr. A. Jay Cross, was not adopted. I regret it for this reason, that personally I do not see how we can be as successful as we should be when applying for legislation without a more solid basis of education. True, I know that already some of your states have obtained legislation, and that as a result the educational standard is upward. I believe that a plan of education should be laid out and worked under the auspices of the physiological branch. To do this I know it would take money, and, so far, we have not been fortunate enough to be remembered in the will of any one for this purpose. Could it not be done to some extent by every member paying in an annual fee, not of $1, but of $5, the greater part of this, say $4, to be placed in a fund, called "The Educational Fund"? With it arrange a thorough course of study, with some mark of recognition to show that such a course of work had been taken up.

From time immemorial education has been the great factor to uplift the people. Relatively the same investigations are being made to-day as in ages gone by. The unilateral migraine of to-day is nothing more than the one-sided pain in the head of the third century. So with ourselves. If we want to establish prestige and have our position marked out definitely as to what our profession is, we must ever seek that knowledge to confirm it.

In conclusion, I wish to say that here in Rochester, "on account of its favorable conditions," some such plan should originate. It is perhaps the chief optical center of the world. The Rochester Optical Society is apparently the premier organization of the kind, a society which I would be proud to belong to, if I could take advantage of the opportunities offered by it.

Mainspring Don'ts

Simple Hints for Those Who Handle Mainsprings

Don't fail to provide yourself with the best mainspring winder that can be obtained. See that the hooks on all arbors of the winders are no longer than the thickness of the thinnest spring, and thus avoid kinking, and therefore unnecessary breaking of mainsprings.

Don't use a mainspring that is too long, because it fills the barrel and prevents that part, or the mainwheel, from making the required number of revolutions, with the consequence that the watch will not run as it should after each winding.

Don't use a mainspring that is too strong, because it will set, increase the percentage of breakage and injure the watch.

Don't use a mainspring that is too wide, and be sure that the tip and brace do not extend beyond the limits of the cover and barrel.

Don't forget that a mainspring should not occupy more than one-third the diameter of the barrel, thus leaving two-thirds to be divided between the arbor and winding space, to enable the watch to run about thirty-six hours.

Don't expect a mainspring to be flat if you put it in the barrel with the fingers. This method usually injures the spring, gives it a cylindrical form, and thereby increases the friction in the barrel.

Don't bend the inner or outer end of the mainspring with flat-nosed plyers, but provide yourself with specially made round-nosed pliers which will give a circular form to these parts, prevent short bends, contract the inner coil, and thus secure a closer fit to the barrel arbor without injuring the spring.

Don't expect other than a properly fitted flat mainspring with rounded edges to produce the least friction in the barrel, allow the greatest amount of power to the train, and give the best results as to time, service, etc.

Don't expect a mainspring to always endure extreme changes in temperature, or electrical disturbances, or straightening at full length, or neglect from lack of cleaning and oiling.

Don't expect a watch that needs cleaning or other repairs to run satisfactorily by merely putting in a new mainspring.

Don't expect a mainspring to plough through too much dirt.

Waltham Watch Company

Waltham, Mass.

THE HOROLOGICAL REVIEW.

INTERESTING OBJECTS SEEN *at the* RECENT HOROLOGICAL EXHIBITION *in* NUREMBERG.

Compiled and Translated for the Jewelers' Circular-Weekly from the Journal Suisse d'Horlogerie.

IN the *Journal Suisse d'Horlogerie*, M. C. Sivan gives the following interesting account of what he saw at the Retrospective Exhibition held on the occasion of the unveiling of the monument erected to the memory of Peter Henlein, inventor of the watch. The "clou" of the exposition was an ancient workshop of a cuckoo-clock maker, which presented so many interesting features that we shall describe it fully. In a corner of the hall appeared an antique family workshop of a cuckoo-clock maker, which, thanks to its arrangement, can be inspected from the inside. A pine work-bench, worn here and there by elbows, by laying files on it, or by repeated contact with the corners of a frame under construction, with a standing vise made of wood, like its screw, but provided with sheet-iron jaws, whose appearance indicated long service, was the first object. Above the bench a revolving table, suspended by an iron rod and carrying files, pincers, drills, each with its own handle, enabled the workman, by simply turning it, to have the proper tool at his hand. Against the wall was a revolving stool; in the casings of the windows, with their small panes, little tools. There are a pair of wooden dividers with steel points, several drilling machines (like those which menders of pottery-ware use to-day), files with handles in curious forms. In a corner is an old almanac with leaves blackened and dog-eared. On the left, against the wall, are heavier tools; a wooden center-bit, brackets, also of wood, adjustable to the shaping machine; iron patterns for framers and, hanging in a corner a crucifix, symbolical of the Redemption.



SCENE AT THE OPENING OF THE NUREMBERG EXPOSITION.

The cutting or shaping machine consists of two strong hardwood planks, with two uprights mortised in, forming a large frame. The platform in thin brass, so much worn by use that the holes are almost united by deep furrows, is carried on a wooden arbor turning within the frame, so that the wheel to be cut comes up to the thin cutting disk, which is driven by a large iron arbor, also running in the cage.

The supports of the platform are of wood, as are also the brackets, which serve to hold the wheels in place. A wooden cross-piece pivots in an upright provided with holes cut at distances varying according to the height of the pile of wheels to be cut. A thumb-screw on the other side pushes the lever against the wheels.

The fly-wheel is a marvel; it is a thick grindstone, which carries a belt, and whose sides serve to sharpen tools. Nothing common about this cutting-machine, which at a distance looks like an arm-chair. The turning lathe is also of wood, except the shaft, which is of iron, and has a conical screw which serves to hold the brackets, like the old lathes of the watch-case makers. The whole is worn and polished by use, for how many generations have used those tools!

Several work-benches indicate that the whole family was accustomed to work in that shop.

Here is also a machine for drilling at a single operation all the holes in a lantern pinion. A series of rods, each one carrying a drill and working in a guide, are set in motion by a grindstone serving as a fly-wheel. The part to be cut is moved up to these by means of a screw on a wooden puppet, and all the holes are made at once. To the left of the vises and nailed to the bench are strips of hard wood, covered with unequal furrows, which serve to file off the pieces or to polish them.

Along the wall were motley dials of cuckoo clocks, eye-shades made of straw with the inside painted green, showing that much of the work was done at night—very likely by the help of smoking candles.

The display of the various other exhibits was not arranged either with reference to epochs or character of the objects or the exhibitors themselves; the objects are there-



Time
O my friend
is money!

—BULWER-LYTTON.

And in this money making age there is an enormous and increasing demand for accurate timekeepers. This means that time is money for the dealer who carries a stock of

ELGIN Watches

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

ELGIN NATIONAL WATCH COMPANY

Factories, ELGIN, Illinois, U. S. A.
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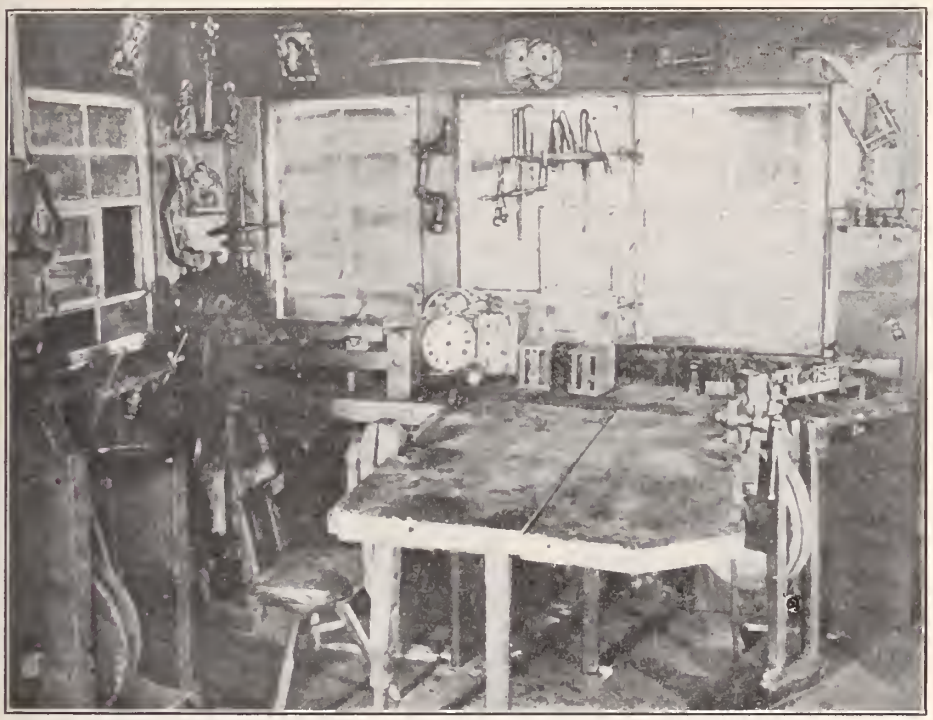
NEW YORK OFFICE, 11 John Street.
SAN FRANCISCO OFFICE, 206 Kearny St.



fore mentioned in the order in which they present themselves.

One remarkable and important collcetion of cuckoo and other clocks was that of Osear Spiegelhalder, of Lenzkirch, in Baden. One of these represents a chamber of torturc. The victim handcuffed is seated in the middle, and every hour an executioner, holding a sword in both hands, cuts off his head. Two monks minister to the unfortunate man, and at every blow one of them rings a glass bell, which is overhead.

Another remarkable clock had only one hand and of wood. Above the dial is portrayed the rising sun; at the left in a doorway a young man earrying a collection of cuckoo clocks appears to be starting for markct. His dress is that of a Nurenberger. Still another represented a little old man in painted tin carrying a load of small clocks, while a large one on his



OLD BLACK FOREST WORKSHOP SEEN AT THE NUREMBERG EXPOSITION.

breast gives the time. In the collection of Robert Pleissner, Dresden, was shown an alarm traveling elock bearing the name of Breguet. The cabinet work is very pretty, but the movement is not visible.

Another clock in the form of a lyre, of gilded bronze and in perfeet preservation is signed Dubuisson, Paris. A crown of uncut precious stones on a background of sky-blue enamel surrounds the movement. On the dial are the signs of the zodiac.

One of the richest collections is that which is the private property of N. R. Fränkel, Frankfort-on-Main, head of the well-known house of that name. In his display is a fine clock of the style of the Empire with figures representing personages, likewise an ebony cross on an ebony base with ornaments in gilded bronze. Above a figure of Christ on a cross is a terrestrial globe, turning and bearing on its circumference, the hours marked by an index. Another one with a similar globe, but larger, by the side of which a negro points out the hours with a gilded wand. All the work was well done. Then followed some primitive contrivances; a lamp-watch, with a pewter lamp which marks the hour by the disappearance of the oil, and an ancient hour-glass, gilded and on wands.

There was a collcction of egg watches from Nuremberg, but not of the oldest sort. One of them in a beautiful casket of box-wood in admirable preservation showed the Magi, led by an angel. The border is hooped in silver; the hinges are remarkable. A small egg watch in good condition has, besides its two dials in a silver hoop, the phases of the moon, the days of the month and of the cycle of the year. Another one shows us, in a beautiful decoration, Christ on the eross with women weeping at His feet, all in superb workmanship. Some of these egg watches in brass cases, beautifully chased, are elongated; others are in octagonal form with rock crystal glasses cut in faeets corresponding to the hours. A large egg open shows the drum of the barrel of its movement, open to the light like a grate, with pillars beautifully wrought. The signature and the balance of this masterpiece are not visible.

One watch, an ivory box, in the form of a cross, must have belonged to an abbess. The cap sculptured in bas-relief is wonderful and shows the road to the cross. The sides are ornamented with religious subjects, and the pendant and its bow, all in ivory, were cut out of a single piece.

This is all in a perfect state of preservation, only the corners slightly worn, and the bow or ring, slightly oval, show that it has been in use. The specimen is most unique; in any case it is the most beautiful I have seen. Some of the pieces are original; one is a watch in a silver acorn, and its movement must be arranged in stories; others are in the form of a powder-box, and a Death's head.

A watch, square in shape, has a superb iron hand in the form of a gun, but it is too large and completely conceals the hour. A handsome table clock, gilded, square in form, having on its corners winged dragons, shows panels in "respoussé" carving, very beautiful, with two dials, one of 12 and one of 24 hours in two circles, with a silver serpent for a hand—a very beautiful speeimen.

In another show case five fine carriage watches are shown in copper or silver cases, treating different subjects, chiefly rural scenes. A quantity of Louis XIII. and Louis XV. watches with sculptured faces and one or two slender hands of steel are shown. Arthur Fischer, a Berlin banker, shows several isolated movements, one of the time of Louis XIV., very curiously decorated with silver cocks, and several others bearing the names of well-known watchmakers, among others that of Pouzait, Geneva.

One curiosity is a Masonic watch, its hands moving backward, the hours arranged in fan shape above the temple. This has a curious calendar. Another show case eontained some very rare pieees, although few in number, belonging to the National Museum of Nuremberg, one a watch of about 11 lignes, of the time of Peter Henlein (1540), an iron movement with "foliot" and spring with "stackfreed." On an escuteheon engraved on the bottom are two shovels arranged in the form of a cross, with the letters M. and G. The signature, Hans Gurber, is doubtless that of one of the chief pupils of Henlein, so that this is the oldest watch, the first known with "foliot" and having instead of a balance spring a recoil made of hogs' bristle. The dial of this watch, whose value is inestimable, has projecting points, useful at night, like watches for the blind.

Above the central show case is a magnificent clock, style Louis XV., from Neuchâtel, bearing the signature J. Robert et fils, Chaux-de-Fonds, of copper, beautifully inlaid with metal flowers and painted, the whole in a surprising state of preservation. It would be interesting to learn some particulars about those Roberts who turned out such masterpieces. On each side are two very handsome cuckoo cloeks, with tin or lead ornaments, which form a large gilded aureole around the dial. On one of the cuckoos a penthouse with a pediment, also gilded, eomes out. There is a lunar dial, and the weights are in chased brass. I should never have supposed that such artistically made cuekoo clocks with weights could be produeed.

Gustave Speckhart, of Nuremberg, a eonsummate artist, and the organizer of this exhibition, displayed here many things of marvelous beauty which were scattered here and there through the building and which we shall examine as we come to them.

Here is an ecclesiastical clock, in fine condition. The dial has a copper rim, the hours are sunk and in black. The case is chased—a charming piece of work. A false balance-wheel is seen under the dial. The hands are magnificent.

A Viennese clock, square in shape, tall and elegant, covered with chasing, with a splendid base; in short, in perfect condition, has, unfortunately, been regilded of late on the reverse side.

In a show case an engraved prayer-book

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contains a watch. This handsome piece, in perfect condition, is perhaps the most beautiful prayer-book shown here, but it is, nevertheless, much inferior to the prayer-book of Paul Garnier, which we so much admired in 1900 (Paris Exposition). A table clock, round in form, very simple, but very old, with only one hand and studs projecting where the hours are marked. A table clock, square in shape, with a lunar dial and other concentric circles forming a multitude of combinations, such as one sees on the dials of clocks from Berne and Soleur. One of the disks is a hand, a prolongation of which carries the sun; another disk a half-moon, etc. This very curious clock is the handsomest one we have seen up to this time.

Here is a clock made wholly of iron, the panels of which are engraved and show marks of having been gilded; a fine specimen. A fine bronze watch of the time of Louis XIV. has its back in open work, representing Christ on the cross. Its ornaments are magnificent.

(To be continued.)

Watch Repairing.

By H. Reinecke.

(Continued from issue of July 18.)

HAVING at some length dwelt on the explanation of the normal properties of the Jacot tool, it may be of interest to show how useful a Jacot tool may be made to the watch repairer.

Of late years the jeweling of pivot holes has increased in numbers. The fitting of the pivots to these jeweled holes has become compulsory, which is not necessary in the case of metal holes, which can be bushed when too large, or opened readily when too small. This fact makes it almost equally inconvenient, whether the fitting is done by a watch repairer when making some new part, or a piece of some ready-made watch material has been purchased from a dealer in factory material. No matter with what degree of positiveness it is claimed, that exact duplicates of a broken piece of a part of a watch made in a factory can be made or supplied, it cannot be done. When pivots are polished automatically with red stuff by a wigwag or any other device, it can neither be made to a certain size nor perfectly round; for such red stuff does not cut uniformly, but does so in fits and starts. This may be called minimizing, but when pocket watches are expected to run with a variation of a part of a minute per month, estimating such dimensions are of account, even if we know that such close running is a matter of chance.

With a well-made Jacot tool one can make pivots perfectly round, parallel and of definite exact diameter. For the greatest accuracy, these tools are made where the grooves and facets are made of sapphire to prevent wear. Good balance-staff pivots should be turned on dead centers, in order that the two may line perfectly, which is not always the case when they are turned fastened in a female center chuck of a hollow spindle, double-bearing lathe. Should a defective staff of the latter kind be met with, the two pivots may be reduced to an equal size, to be perfectly parallel and to line perfectly on a Jacot lathe. The poising of a balance is sometimes made impossible on account of pivots which do not line perfectly, and it may be asked: How can an adjuster ever adjust to position a watch with such balance pivots? A bent balance pivot produced by a fall, after having been straightened by the best mechanical means, may be made perfect again by the Jacot tool. It will fill its office in a smaller jewel hole.

It cannot be gainsaid that a good tool of this kind is a most convenient help to a watch repairer in a small town, where ready-made material for machine-made watches is not on hand in abundance, affording a proper choice, and an alteration, or rather reducing the sizes of pivots of pinions or staffs, may enable him to make such material suitable and to save time. An adjuster of watches may also use the tool advantageously when the differential friction of the balance pivots in the hanging and flat positions of a watch may be reduced by freeing one or both pivots a trifle, if fitting close in the jewels, and such an operation may be executed with more certainty and more expeditiously than by any other means. The effect of such a correction is more apparent when applied to both pivots, particularly where the balance is located equi-distant from both extreme points of the staff pivots. In conclusion it may be stated that the use of the Jacot tool has its limits and the polishing of large pivots of pinions attached to the train wheel, may be more conveniently done in the usual manner.

(To be continued.)

Shakespeare and the Clock.

NOT many lovers of Shakespeare's works know that a quotation can be made from them for each hour of the day, says the Chicago *Inter-Ocean*. But such is the case, and here they are:

"The bell then beating 1."
—"Hamlet," Act I.

"Sure, Luciana, it is 2 o'clock."
—"Comedy of Errors," Act II.

"The clock hath stricken 3."
—"Julius Caesar," Act II.

Richmond—
"How far into the morning is it, lords?"
Lords—
"Upon the stroke of 4."
—"Richard III.," Act V.

"At 5 o'clock
I shall receive the money for the same."
—"Comedy of Errors," Act IV.

Prospero—
"How's the day?"
Ariel—
"On the sixth hour, at the which time, my lord,
You said our work should cease."
—"The Tempest," Act V.

"Let's see, I think 'tis now some 7 o'clock."
—"The Taming of the Shrew," Act V.

"The eighth hour.
Be that the uttermost?"
—"Julius Caesar," Act II.

"It's supper time, my lord;
It's 9 o'clock."
—"Richard III., Act V.

Parolles—
"Ten o'clock; within these three hours 'twill be time enough to go home."
—"All's Well That Ends Well," Act IV.

Ford—
"Eleven o'clock the hour."
—"Merry Wives of Windsor," Act IV.

Hamlet—
"What hour now?"
Horatio—
"I think it lacks of 12."
—"Hamlet," Act I.

A Useful Jeweling Tool

(Translated for The Jewelers' Circular-Weekly from *La France Horlogerie.*)

A NEW tool has been placed upon the market which undoubtedly will prove interesting to jewelers and watchmakers. It is a device for making jewel settings.

It is pretty well known that a watch repairer has seldom been taught to make such settings on the lathe and this kind of a job is not often met with. For this reason the most skilful repairer hesitates to undertake the task. The small tool illustrated herewith enables any one to make such a setting in an easy and rapid manner. It drills, cuts the place for the jewel and sets it, all



A NEW JEWELING TOOL AND ITS SEVERAL ATTACHMENTS.

in one continuous operation. It can be set for every thickness of a jewel and may be used with a bone or on a Lorsch lathe, where, by means of the hand, the cutter can be adjusted to the piece to be operated upon.

We have tested the different points claimed for this tool, says *La France Horlogère*, and it may be said that it gives results beyond comparison with those obtained by similar devices hitherto marketed.

Horological Notes.

AS regards timepieces, the Abyssinian market has been practically neglected. It has not yet become a fashion among the natives to carry watches, and what few clocks are seen in the local shops are chiefly of the cheap alarm type, in nickel and of German, French, Belgian or American origin. Gold and silver watches are scarcely to be found anywhere.

Watches are imported at Shanghai, China, from America and Switzerland, the manufacturers of these two countries holding a very strong position in the trade. There is a larger business done in hanging clocks and in so-called "Joker" clocks, which come principally from the United States and Germany.

A new town clock will shortly be installed at Chester, Pa.

Harry Massey is spending the Summer months as an apprentice in the store of his father, Stephen B. Massey, 26 W. 3d St., Chester, Pa.

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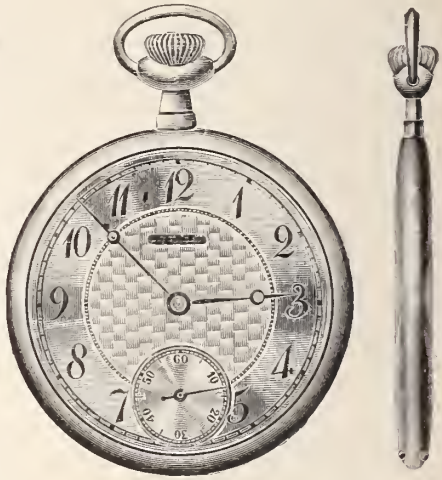
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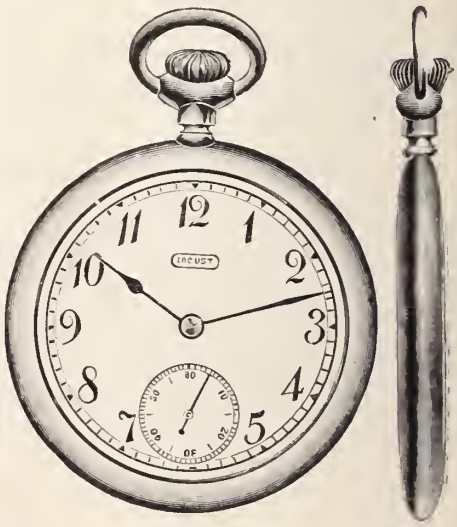
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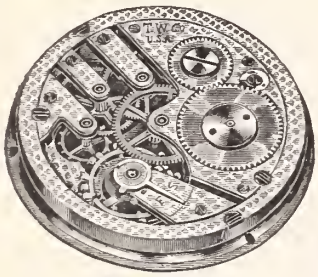
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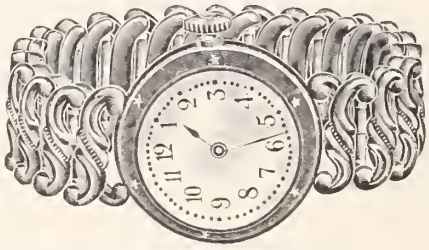
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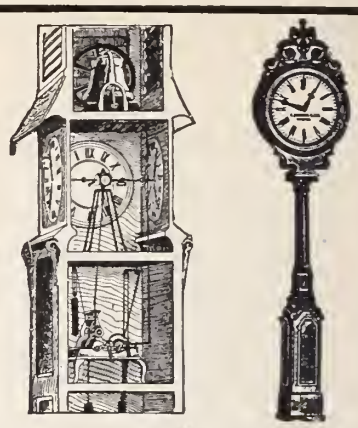
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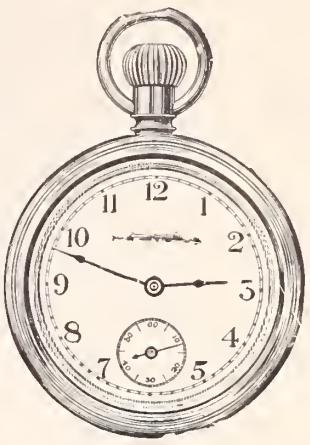
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That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

How the Jeweler Can Meet the Competition of the Mail-Order House.

(*Continued from issue of July 25.*)

THE first thing every jeweler should do, if he finds that his neighbors are buying from mail-order houses, is to find out exactly how his prices compare with those of the different mail-order houses on his particular line of goods.

Do not throw up your hands at once and decide without investigation that the mail-order houses can undersell you and there is no use trying any longer to compete with them. You have all the advantage, if you will but take it. The man on the ground always has the advantage. That is the reason houses have traveling men on the road. It would be much cheaper to get out a catalogue, if it would do the same work.

You are on the ground. Now make use of every opportunity. If you will procure a catalogue from each of the big mail-order houses, and then study them thoroughly, you will find that you are already offering many things cheaper than they, and many more at the same price. They have leaders, of course, as have most retailers, and sell them very close; but if you will take up their catalogues and read through them, page by page, you will find plenty of fighting ground.

Now, suppose you take a pencil and check off each article you find you are selling as cheap or cheaper than the mail-order house. Then when you go to write up your advertisement for the local paper, make mention of several of these items that you have checked off, giving a good, full description, the price quoted in that catalogue and your price. If the prices are the same, run one line giving their price, and state that it is f. o. b. their city, then another line giving your price, and show it is f. o. b. your town, where the goods are wanted.

Do not run a big long list of such articles at one time. Use just a few, and keep running them in every issue of the local paper, changing the list in each issue. The result will soon be that your neighbors will begin to see that you have most of the things that they need, at the same price they pay in other places, and they thus save the freight.

In case you also send out circulars regularly to each house in your trade territory—and you should—you will find such a list, comparing your prices with those in the different catalogues, an argument which will appeal to many.

You must not approach this mail-order fight with the idea that you are already bested. You are on the ground, and that is a big advantage. You can win the fight and keep most of the trade at home, but you will have to follow the plans of the mail-order houses. Advertise much, and keep your advertising saying something new all the time. Buy right. Sell for cash. Order anything wanted, no matter how much trouble it is. Then remember that you have something to do besides sleep at night. Put in your evenings getting thoroughly acquainted with your trade papers, and thus learn to advertise right, as well as to do many other things. Also then study your mail-order catalogues and your wholesale catalogues, so you will know where to order anything quoted in the mail-order catalogue. When you cannot trace an article, show cut and description to the next traveling man, and ask him for prices.

Remember this: The mail-order houses want your customers—all of them. If you want to continue in business you must come right out into the open and fight.

How many retailers realize how important it is to fight the mail order houses in every possible way? Do you know that if the retailers of this country do not stop the growth of the mail order houses that they will eventually supplant almost all the retail business of the country, and there will be no need of retail dealers or even wholesalers?

That is exactly what confronts you. There is no need of pushing the question aside because it forces you to think of something disagreeable. The issue must be met, and by the retailer. You have allowed them to get a tremendous start, and it will take years of hard work to curb them, so you must lose no opportunity to do your share of the work.

Always remember that the mail order houses have all the bad ear-marks of the other combinations. Many are opposed to combinations on the ground that their main object is to freeze out all the competition. Then the consumer will be at their mercy. To do this they have already caused the establishment of the rural mail routes, and this has caused the failure of many country stores. They have been trying for several years to get Congress to pass a parcels post bill, which would give them cheap postage, and then they would injure thousands of the stores in small towns, where the rural route did not harm them. If that time ever arrives, and they are able to proceed with their plans, they will rapidly gain the business of the country. One store after another will give up the fight, until prosperous country towns will rot away, because there is no commerce to support them. The business will all be concentrated in a few points, no wholesale houses will be needed, and only such factories as supply the mail order houses. At this time the mail order houses will be found working together. They will make their own prices, absolutely control the retail business of the country, and, through it, control the manufacturing business. This is not a dream, but the actual idea which is being quietly worked out by the mail order houses. The way to fight it is for every retailer in the country to take up the fight as if it was all his own and to keep it up until he has gained his point. In politics, get the pledge of all candidates for Congress that they will vote against parcels post legislation. Do not wait until they are elected to Congress before exacting this pledge. Get it from all candidates. If every retailer in each Congressional district will write each candidate as soon as he is nominated, the flood of letters will have the desired effect. If your favorite candidate cannot see his way clear to vote against such a bill, do not hesitate. Remember it is a business matter, and both vote and openly work against him.*

Remember the political side of this question. It is very important. Do not delay writing to every Congressional candidate in your district, as soon as he is mentioned for nomination, one year after another, and work for those who see as you do. Give your neighbors to understand that you consider this of vital importance to the country, and that it affects them as well as yourself. Get them to see the fact that practically all the advantage of the parcels post bill is for the mail order houses, and the government, which is the people, will have to pay for the big postal deficit which will be caused by its passage. Let each man for himself figure up how much it will save him a year in postage to balance this increased government expense. F. A. P.

(To be continued.)

*[THE CIRCULAR-WEEKLY does not indorse all of the author's statements on the parcels post question.—EDITOR.

Storekeeping Department.

A Representative Jewelry Establishment of Little Rock, Ark.

THE building occupied by the new store of Albert Pfeifer & Bro., Little Rock, Ark., is constructed on extremely artistic lines, the interior being beautifully arranged, money having been spent unsparingly in the successful effort to furnish it with the best of materials from the floor to the ceiling.

The first step into the store brings to one's notice the mosaic tiling—the entire lower floor being done in a graceful fan effect, embellished with a border of pretty scrolls. In a quick survey of the handsome interior the eye is naturally attracted to the hand-painted ceiling decorations.

The color scheme has been studied and executed by an artist who not only produced beautifully harmonizing tones and values in all the effects, but has thoroughly understood the possibilities of the materials employed. The result has been that when illuminated by the hundreds of frosted electric lights which are inundated in flowered relief work, and extend around the entire building as well as in three center ovals the ceiling decorations are, it is claimed, the most artistic in a commercial house in the south.

Among the chief ornamental features of the side walls are the bas reliefs, representing art. These figures, eight in number, apparently support the cross beams, and the effect produced is very artistic.

The entire first floor is used as the principal show room and offices, and contains 5,000 square feet. The show and wall cases are finished in genuine mahogany, richly carved and in keeping with the general color scheme. Mr. Pfeifer's close study of the interior arrangements of the finest establishments of the east, together with many original ideas, is fittingly demonstrated in this store, which is certainly a credit to the City of Little Rock.

There are two attractive show windows of generous proportions, having full mirrored bottoms. They are backed with a large plate glass, enabling one's view to penetrate the interior of the store from the sidewalk.

Next to attract attention for its artistic beauty is the door, which was made expressly for this house in the east and shipped to Little Rock intact. It is practically all plate glass, being bordered with one-inch iron frame. In the center is the firm's trade-mark, that of two lions in an erect position, supported by an oval, in which is a large "P" engraved. This trade-mark is ground into the glass in a clean-cut and artful manner.

On passing into the store one finds oneself in a spacious rotunda, and turning to the right the first display is that of umbrellas. These, of course, are in all shapes and styles of handles, and represent the best procurable. A little further, and in the extreme corner of the building, is a cozy little diamond room, handsomely furnished with chairs, table, scales, a small safe and appurtenances for the private exhibit of diamonds. This little office was erected for the express purpose of giving the prospective customer the advantage of the close examination of diamonds under a strong natural light.

Along the north wall of the building is a 60-foot mahogany case, filled with silverware, toilet and manicure sets in fine cases, sterling silver, novelties of every description and in great profusion. Six 12-foot show cases stand in front, the first being devoted to an elaborate and costly exhibit of sparkling diamonds, in designs of rare beauty; hundreds of exquisite brooches, pendants, clusters and rings of extraordinary workmanship and unique design go to make up the display. Directly next to the diamond display is a case of watches of various sizes and diversity of designs. Following on down the aisle are four more cases tastefully arranged with a selection of miscellaneous jewelry.

Toward the rear will be found a neat coat room, shipping room, wrapping room and elevator. At the extreme back and near the center is situated Mr. Pfeifer's private office. This is handsomely carpeted and furnished in mahogany, in keeping with the general plan. Next may be mentioned a nicely-arranged bookkeeping department and general office, in front of which is the cashier's desk with provision for three cashiers.

In the extreme southwest corner of the building are the vaults, of solid masonry, with walls two feet thick. In one of the vaults is walled up the large diamond safe, with shelves, in tiers, for the nightly reception of valuables of more bulk, such as solid gold jewelry, watches, etc. This vault is furnished with two combination lock doors and one day gate, all being closed during the night. It is needless to say that these vaults are absolutely fireproof and burglar-proof.

Next to the vault, and directly in front is situated the receiving room. This room is for the reception of jewelry, etc., preparatory to their being placed into the vaults.

Near the receiving room is the optical department fitted up with every modern optical appliance, and in charge of a regular physician.

An original and extremely new idea in display wall cases occupies the south side of the building. There are four in number, four and one-half by seven feet, and opening on three sides, enabling one to view the silverware and cut glass, with which they are filled, from every side. Between each case there are spaces of seven feet in which are built small mirrored top display tables, with two comfortable mahogany chairs for the convenience of patrons, so that in showing the wares the goods may be taken out for the close inspection. Over each of these tables is an artistic wrought iron electric bracket, which affords ample light for the proper display of the goods.

Toward the front is found an elaborate fixture over which there is a sign, "Repair Department." Here all repair work, special order and factory work is taken in and delivered, and the system now in operation facilitates the work and enables prompt and satisfactory service at all times.

A noticeable feature of the new store is its uncrowded appearance; two large and roomy aisles, five feet across, run the entire length of the building on either side. The center cases, of which there are 10 in number, are filled to overflowing with the things one would expect to find in a first-class jewelry establishment.

The second floor is fitted up as a modern factory. Here all special manufacturing work is done. The machinery used is of the newest electrical type.

The opening of this store last November was one of the most successful ever held in Little Rock, and the pretty silver pin tray souvenirs, of which there were 1,500 distributed to the ladies, were highly appreciated, inasmuch as they were devoid of advertising matter, the mere announcement of the opening appearing on the bottom of the trays. This was done in order that the ladies receiving the souvenirs could place them on their dressers without the advertising matter being conspicuously shown.

The members of the firm, heads of departments and assistants were all arrayed in full evening attire, and graciously conducted the visitors about the store, pointing out the interesting features of the new establishment, amid the strains of popular melodies.



INTERIOR VIEW OF THE SPACIOUS STORE OF ALBERT PFEIFER & BRO., LITTLE ROCK, ARK.

RETAIL JEWELERS ADVERTISING

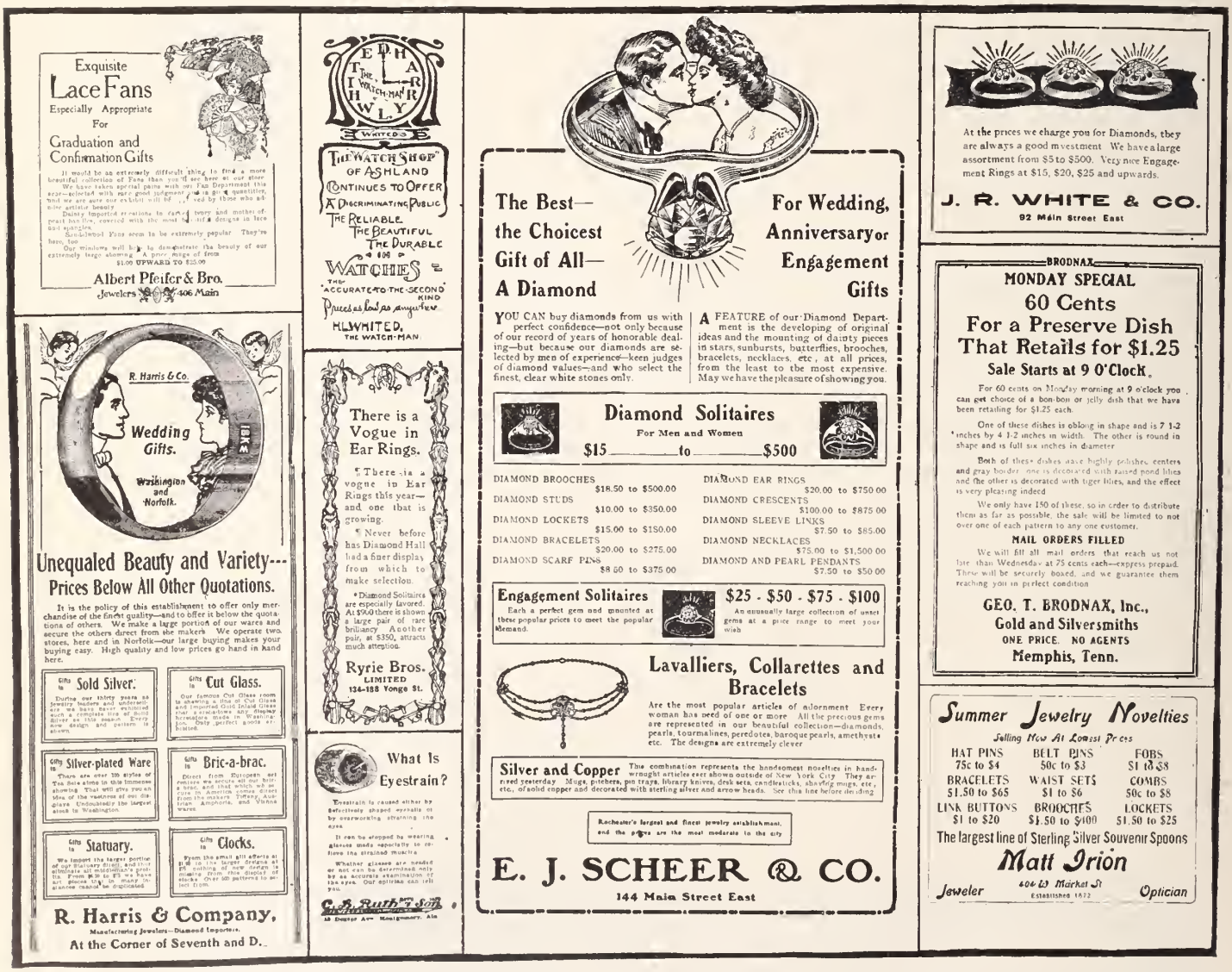
The ability to "describe the goods" in an advertisement. The distinct uses of inferential and explicative advertising.

SUCCESS in retail advertising is often dependent upon the ability of the advertiser to describe the stock briefly and accurately, and, when space permits, fascinatingly, by means of a seasonable stock. A mere list of articles with prices is inadequate.

Inferential advertising, consisting of short, pithy sentences with no explanation is peculiarly adapted to outdoor advertising such as billboards, street cars, etc., where the impressionistic style is perhaps especially desirable, and should be used in newspapers only when an extensive advertising campaign is contemplated, in which case such sentences may be used to arouse the public's curiosity, prior to the regular description, that is, the unfolding of the story, which should follow.

This power to describe stock in a manner which will not only bring buyers to the establishment, but which will also sell goods, comes only after much experience and practice, and is the result of good judgment, a knowledge of the market, of the demand and supply and of the buying public's caprices. A capacity for the performance of rhetorical stunts is not needed in advertising, and actually detracts from the efficacy of an advertisement whose ultimate end is to sell.

Describe the goods, *i. e.*, tell the reader what they are, why they are superior, why they are cheap or expensive, why they should be purchased as an investment or for utilitarian or ornamental purposes, why they possess a distinct value (if they do), etc., etc. Many ad. writers imagine they can sit down and dash off any advertisement, whether it be one of clocks and watches or of a glue or soldering flux, simply because of their general knowledge of type fonts and their facility in writing English. They have made no study of the stock or of the economic conditions which may have influenced an advance in its price, no knowledge of the process of manufacturing or of embellishing the stock, etc., etc., all of which knowledge is essential in making an advertisement effective. Hence the jeweler who relies on one man



Retail Advertising Department.

to advertise his stock should see that that man knows something about the jewelry business, that he is familiar with articles in stock (that is, knows their uses, cost of production, the extent of demand for them, etc.) and relative prices at which these articles are sold by different competitors. With this comprehensive knowledge an advertisement may be written which will attract interest and sell the goods.

An example of the kind of advertisement which will sell goods rapidly is that of Geo. T. Brodnax, Memphis, Tenn. It occupied a space of about seven inches, double column. Here one finds good display, catchy heading, clear description and the quotation of "quick" prices.

The description of the fans advertised by Albert Pfeifer & Bro., Little Rock, Ark., ought to bring a generous gathering of anxious purchasers to the store. The reference made to the show window in this advertisement is an excellent idea. The space occupied by this ad. was four and one-half inches, double column.

R. Harris & Co., Washington, D. C., in a space of 10½ inches, double column, give readers plenty of reason to believe that the firm's establishment is a desirable place at which to make purchases.

H. L. Whited, Ashland, Ore., in submitting the accompanying advertisement of five and one-quarter inches, single column, to THE JEWELERS' CIRCULAR-WEEKLY, says: "You often publish advertisements devised by the jewelers, many of which I have found helpful. I enclose a sample which I thought rather original and of some benefit in selling goods, which I suppose is the end desired in advertising." The originality of this ad. gives it some power. The phrase relevant to watches, "accurate to the second" kind, is a feature of the uniquely set text.

Ryrie Bros., Toronto, Ont., in six inches, single column, take good advantage of the revival in the wearing of earrings to call attention to their diamond solitaires in an attractive manner.

"What is eye strain?" makes a good introduction to the well written advertisement of only three inches, single column, of C. L. Ruth & Son, Montgomery, Ala.

The advertisement of 14¾ inches, triple column, of E. J. Scheer & Co., Rochester, N. Y., easily carries off the palm as being the most attractive in this group. The announcement in the introduction that the firm's diamonds are selected by keen judges of diamond values has, no doubt, proven an important factor in securing the public's confidence.

J. R. White & Co., Rochester, N. Y., do not say much in their space of three and one-half inches, double column, and still the mere suggestion of investing in diamonds appeals strongly to one.

In the lower right hand corner of the group, and occupying a space of three and one-half inches, double column, is the ad. of Matt. Irion, Louisville, Ky. It contains no description whatever of the stock and would be very much improved by the addition of a brief introduction, which would necessitate printing the list of Summer novelties in smaller full-faced type. A list of articles should not be printed in type of this style. Notwithstanding its large font, it cannot be read without producing a kind of astigmatic effect upon the eyes.

No Investment Quite Like It; "Good Will" from Advertising.

IN the course of a very interesting address before the Technical Publicity Association at a recent meeting, John A. Hill, president of the Trade Press Association, spoke about advertising and good will as follows:

"Suppose a new set of men in a new shop had the exclusive right to use the name of Brown & Sharpe, or Pratt & Whitney, or any other good concern that has been advertised for 25 years or more, and the old concern with its shops and equipment and men stood where they are, nameless and obliged to start afresh. Just imagine that condition. Which would be the greater asset? Why, you can buy the other things with money, but the good will and confidence and sales and assurance of good prices are business that comes to you without effort and go only with the investment in printer's ink and time for it to grow and spread. There is not a machinery manufacturer in America that is being and has been well-advertised to his trade that the good will is not the largest asset he has; and there is not a manufacturer of machinery who never has and does not advertise, but who sells through dealers and jobbers exclusively, who has any other asset than an inventory of his shop will show. Shops and buildings and stock deteriorate with time. Good will, cumulative results, reputation and the pick of the business grow larger and larger, like the waves from a dropped pebble. Good will, reputation, the results of advertising, can be bought cheap and paid for on the instalment plan. It pays no taxes, requires little attention, is in itself an insurance.

"Why don't men buy more of it? Because advertising is itself somewhat intangible; because you and your employers don't always know what is and what is not real advertising. You often charge up to advertising expenses what ought to be charged to something else. Because good will created by advertising grows up slowly, the buyer has charged its cost to expense, and as the years go by he gives himself credit for creating something out of nothing. He calls himself, to himself, a self-made man, acknowledges he is popular, etc., and forgets the seed he so carelessly threw to the four winds so long ago. Because this intangible something that is really so valuable is represented by no stock certificate or engraved bond—it's blue sky. It is a property that will decrease by neglect—aye, die of it, like lapsed life insurance—but properly kept up, there is no business investment so safe, reliable and secure."

Don't leave the show window bare over Sunday. Better put in a display of some kind.

Don't try to do too much. Better a simple trim changed often than an elaborate one that stands two weeks.—*Exchange.*



Catch phrases, descriptions and arguments which retail jewelers and opticians have used in their newspaper advertisements.

AUGUST Birth-Month Rings.—For August there are two birthstones—the sardonyx and the moonstone—signifying in the language of gems, "conjugal felicity." We have a selection of both of these stones, such as is found in few jewelry stocks, even in the larger cities. The mountings are hand-made, of solid gold, and of all styles of settings, ranging in price from $2 to $10. We have also a large number of unmounted stones which we will mount to order in rings, pins or pendants to suit the purchaser. Birth Month Spoons.—With the birthstone verse engraved in the bowl, and the birthstone set in the handle—sterling silver, two sizes at $2 and $2.50. Chas. S. Stifft, Little Rock, Ark.

When in Rome do as Romans do—when buying watches do as others do. They invariably buy of us. Why? There's a reason. Our stock is large and you can pick out the style and kind of watch you want without any delay. Elgin, Waltham, Hamilton and other makes from the cheapest to the higher priced movements, in American and foreign makes. The cases can be had in nickel, silver, gold or gold filled. Watches $1, $2, $3, $5, and so on up to $150 and over. Come in and see them; all are warranted as perfect timers. "Don't Be Without the Time of Day. Keep a Watch on Yourself." Herman Hiss & Co., Bay City, Mich.

Wedding gifts. We are showing an elaborate collection of beautiful and exclusive wares most fitted for wedding gifts. Table silver in a large variety of patterns. Cut glass in the newest and prettiest styles and in shapes for every purpose. We are the sole agents for Tiffany glass in Waterbury. You will surely find something in our stock to satisfy you. The Lake & Strobel Co., Waterbury, Conn.

All the latest novelties in jewelry for Summer.—You are welcome to look over our immense stock any time. Prices are always the lowest and you can always depend upon the high quality of everything. Test us—see if we don't do as we advertise. Among the most popular Summer jewelry may be found shirt waist sets, bracelets, jeweled neck pieces, collar supporters, fob chains, etc. Our stock of wedding rings is very commendable and of guaranteed quality and comprises every size and weight desired.—S. W. Tasch, Danbury, Conn.

John H. Coffman, Mackinaw, Mich., has admitted his son, and the style is now John H. Coffman & Son.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM —PERFECTLY TEMPERED

Made in GERMANY — Zeuner Trade Mark No. 2

FILES — TRADE ONLY THE BEST ARE GOOD ENOUGH MARK — TOOLS

Such is the **ZEUNER SAW.**

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

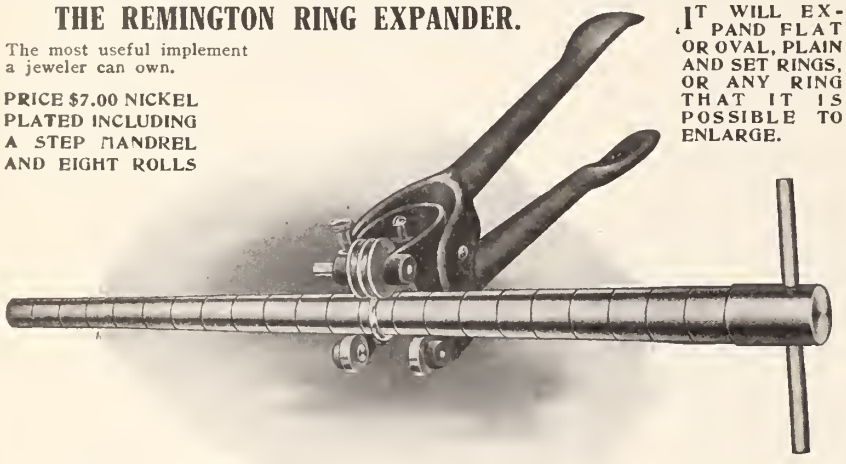
E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.

THE REMINGTON RING EXPANDER.

The most useful implement a jeweler can own.

PRICE $7.00 NICKEL PLATED INCLUDING A STEP MANDREL AND EIGHT ROLLS

IT WILL EXPAND FLAT OR OVAL, PLAIN AND SET RINGS, OR ANY RING THAT IT IS POSSIBLE TO ENLARGE.



IF YOUR JOBBER CANNOT SUPPLY YOU WRITE TO US DIRECT.

SPECIAL FEATURES OF THE REMINGTON RING EXPANDER.

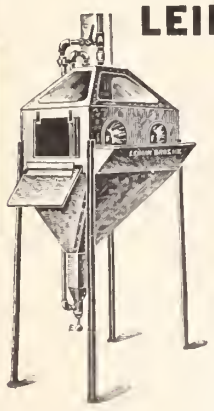
A MANDREL WITH STEPS SQUARED and ½ size variation is used to prevent tapering of the ring. THE FOUR SMALL ROLLS ON THE LOWER JAW OF THE TOOL (see cut) PREVENT FRICTION, and make it possible to use any amount of pressure WITHOUT ROUGHING THE MANDREL. THE PRESSURE IS CONTROLLED BY THE HAND and it is not necessary to use a vise or other implement when operating the REMINGTON.

Manufacturers of Patent Tools and Machinery. NOVELTY ENGINEERING ASSOCIATION, FITCHBURG, MASS.

LEIMAN'S NEW SAND BLAST.

SIMPLE. EFFECTIVE. ECONOMICAL.

NEW FEATURES—Let us tell you about them.
RESULTS—Let us show you samples of work done.

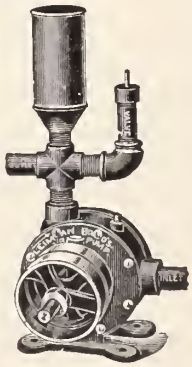


PATENTED.

Improved High Pressure Blower

NOISELESS. INEXPENSIVE.

Delivers Greater Volume at Higher Pressure Than Any Other Made.



PATENTED.

LEIMAN BROS.,

Jewelers', Silversmiths' and Metal Workers' Machinery, Tools and WORK BENCHES,

141 Centre Street, NEW YORK.

ROLLED GOLD PLATE

SEAMLESS WIRE AND TUBING

DUNBAR, LEACH, CARNER CO.,

MANUFACTURERS,

ATTLEBORO, - - - MASS.

GLARDONS' SWISS FILES

are the

HIGHEST STANDARD of Excellence.

We are Sole Agents for the United States and Canada.

F. W. Gesswein Company,

Established 1868. Incorporated 1896.

WILLIAM DIXON, PREST.

Dealers in Fine Tools and Supplies,

39 John Street, New York.

CRUCIBLES.



Jewelers' Supplies, Etc.

Established 1850.

J. & H. BERGE,

95 John Street, NEW YORK.



F. JEANDHEUR, Jr.

Rear 17 John St., N. Y. Third Floor.

Gold and Silver Plating

SPECIAL WORK AND COLORING IN ALL SHADES A SPECIALTY.

Established 1868. **Platina Plating.**

CASTINGS Gold, Silver, Bronze, Brass, German-silver, Copper & Iron, Supply Jewelers, Silversmiths, Die-makers, Mould-makers, etc.

L. D. Tel. 2072 L.

Unbreakable Bronze Forces. Hard Bronze Engraving Plates. Cast Iron Forces for making Steel Dies. Chandelier, Undercut Work, Statuary.

AUGUST GRIFFOUL, 313 HALSEY STREET, NEWARK, N. J.

PATENTS

obtained on inventions and designs. Trade-marks, prints and labels registered.

R. W. BISHOP,

ATTORNEY AT LAW,

908 C Street N.W., Washington, D. C

JAMES J. DONNELLY,

Gold and Silver Electro Plater, Fire Gilder and Colorer,

41 and 43 Maiden Lane, New York.

Prompt Attention Given to Mail Orders.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, **$3.00.** The Jewelers' Circular Publishing Co., 11 John St., New York.



[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1638.—**Gold Hard Soldering Solution.**—*Will you give me a recipe for a gold hard soldering solution that will answer the same as an anti-oxidizer?*

ANSWER:—To prevent the oxidizing of gold or silver during soldering, several methods are used, besides the prepared anti-oxidizing fluids, and this is principally by painting the pieces over with a paste which prevents the flame from discoloring the polished pieces. (1) Paint the articles over with a paste made of water and boracic acid. This should be done before the pieces are soldered, and may be applied to silver, gold or rolled plate. (2) Cover the articles with a wash consisting of a paste of whiting and water; this must be brushed on so that it will not interfere with the boraxed joints. (3) Some workmen cover the articles with powdered charcoal, but this requires considerable experience to make it a success. The pickle for the removal of the anti-oxidizer or the discoloration consists of: Sulphuric acid, 1 part, and water from 2 to 3 parts. The articles may remain several hours in this pickle.

QUESTION No. 1639.—**Oxidizing Copper. A Green Gold Solution.**—*Please give me a recipe for oxidizing copper. How do you plate with a green gold solution?*

B. & F.

ANSWER:—Copper oxidizing, according to Martin Brunor's treatise, is generally termed bronzing by electroplaters, and is used, for example, in oxidizing a statue. The object is first thickly copper-plated. The following is the formula: One gallon of water; one-half ounce of sulphate of potash; one-quarter pint of ammonia. This mixture should be well heated, after which it will be ready for use. After the statue has been immersed, take it out and apply a wet scratch brush until the surface assumes a dark cherry hue, which is a favorite color with art lovers. If the solution becomes weak, add ammonia and sulphate of potash until it becomes stronger. Should these two ingredients concentrate too much, they will eat the copper-plating on the surface. The solution must be used on the same day it is prepared; if it is not, the bath will fail to do effective service; and should the plater have several days' work, it must be compounded anew every day. This formula is very good for oxidizing badges and medals. The bronzing can be done by immersing the articles in a solution composed (1) of water, one pint; nitrate of iron, five drams; sulpho-cyanide of potassium, two drams. (2) water, one pint; capital sulphate of copper, one ounce; hydrochloric acid, 2 drams. The copper should be cleaned by dipping in a mixture of nitric acid, sulphuric acid and salt. Rinse well and then hang the copper in the solution until the desired shade is obtained. Then rinse again and dry. It requires considerable practice to obtain different shades, which is done by strengthening or weakening the solution—sometimes warming the solution—or by longer immersion. All articles should be well lacquered at once. A green gold deposit can be obtained by adding a certain proportion cyanide of silver to the Roman coloring solution. We cannot give exact proportions for this solution, as much depends on the skill of the workman, strength of current, temperature, etc.

QUESTION No. 1640.—**Stripping of Gold.**—*How is fire taken out of gold? Please explain the process of stripping with the use of a battery.* *G. S.*

ANSWER:—(1) Make a solution composed of sulphuric acid two parts, and nitric acid, four ozs. The solution works best when warmed, but more care must be taken than when used cold. A little experience is required and always remove the spoons before any injury is done to the German silver. This same solution can be used to strip brass or copper. (2) The method of removing gold from gilded articles varies considerably, according to the way in which gold has been deposited. Iron and steel are "stripped" without any injury to themselves by dipping them into a bath of 10 parts of cyanide of potassium and 100 parts of water and connecting them with the positive pole of a battery. A wire or foil of platinum is attached to the negative pole. This is simply inverting the ordinary position of the poles, and the gold upon the iron or steel is partly dissolved in the solution of cyanide and partly deposited upon the platinum anode, from which it is removed in a regular gilding bath. When there is only a mere film of gold upon iron or steel, it may be removed by the cyanide alone, without the aid of electricity, but this method is slow. Silver, copper and their alloys may also be stripped of gold by this process. But as the cyanide at the same time dissolves not only the gold, but also the other metals, it is preferable to operate as follows: Silver which is to be ungilded is heated to cherry redness and immediately thrown into a pickle of more or less diluted sulphuric acid. The gold scales off and falls to the bottom. The operation is repeated until gold no longer appears upon the surface of the silver, which is then white and frosty. This process is imperfect and ill-adapted to light and hollow articles, for which the first-prescribed process is preferable. For copper and its alloys, such as bronze, German silver, brass, etc., two different methods may be followed, according to the nature and volume of the object. Small trinkets, thinly gilded, either by current or immersion, are dipped into the following bath: sulphuric acid, 10 volumes; nitric acid, one volume; hydrochloric acid (muriatic acid), two volumes. The above mixture is simply aqua regia in a large quantity of sulphuric acid. The excess of sulphuric acid allows the gold to dissolve without attacking to any extent copper or its alloys. Ordinarily, the sulphuric acid is placed by itself in a stoneware jar, and the mixture of hydrochloric and nitric acid (aqua regia), kept bottled, is gradually added to it as the operation of stripping proceeds. The same sulphuric acid may last a long time, provided it is kept well covered, and the action of the acid mixture is promoted by additions, from time to time, of nitric and hydrochloric acids. The articles should be withdrawn often, in order to watch the operation, which is terminated when no traces of gold are seen, and when the copper has acquired a uniform blackish-gray coating. We may also ascertain whether all the gold has been dissolved by plunging the objects into the mixed acids in which they will be perfectly cleansed, when the gold has disappeared. Nitrate of potassium (saltpetre) and chloride of sodium (common salt) may be substituted for the nitric acid and hydrochloric acid respectively. The result is the same, but in this case the salts must be introduced into the acid in a finely-powdered state and stirred with a glass rod in order that they may dissolve and form aqua regia by their decomposition. A few operators ungild small trinkets by more or less protracted immersion in the acid mixtures for bright or dead dipping, but they spoil their acids and lose the gold. For removing gold from old or imperfectly gilded articles, Napier, and also Watt, direct that the articles be placed in strong nitric acid (pure), to which some common salt in crystals is then added. This method is no doubt an effective one, but will require close watchfulness on the operator's part to prevent the solution of the underlying metal.

QUESTION No. 1641.—**Corroded Pickling Pan.**—*I have a copper pickling pan into which rain water leaked, through a window, and corroded the inside. Can you tell me how to remove it?* *C. M. B.*

ANSWER:—A fine sand or pumice will clean your pickling pan. An earthenware vessel is much to be preferred for a pickling pan, but if a copper pan is needed for occasional heating, it should be tinned like some cooking utensils, as tin will resist the exciting action of the air and water which is not very pure.

At the meeting of the Wisconsin Retail Jewelers' Association last month it was decided to adopt an emblem for the association, all jewelers in the State being notified to submit designs. The executive committee of the association decided that the emblem should bear the inscription, "Members of the Wisconsin Retail Jewelers' Association," and that it should be placed on the business signs, cards and stationery of the members.



THE TRAVELER'S OPPORTUNITY.

Jewelers Visiting New York Welcomed.
Art Wares in Profusion.
Newest Productions.

IT IS NECESSARY to see the actual Art Wares here displayed, as their profusion and changing character exclude the possibility of cataloging them.

Jewelers passing through New York to and from the Atlantic pleasure resorts, should avail themselves of the opportunity to view so notable and varied a display.

Such wares are profitable to Jewelers and add distinction to any establishment. Classified and arranged for convenient inspection.

FERDINAND BING & CO.'S SUCCESSORS

Special Wares for the Art Department of Jewelers.

10 Washington Place,
NEW YORK.

The CONNOISSEUR

Devoted to Art Pottery, China, Marbles, Bronzes, Cut and Decorated Glass Ware, Bric-à-Brac, Lamps, Art Metal Wares, Fancy Goods and Kindred Lines.

The Collecting of Old Glass.

(By Kate Fresco, in the London *Boudoir.*)

A READER of *The Boudoir* appeals for information on the collecting of old glass—a truly beautiful and fascinating subject. The pleasure in touching a finely cut goblet, the charms of the play of light in the curves of a rose-water ewer, and a rarity of design are the reward of the patient and strenuous collector.

"How to begin" and "how to distinguish old glass" are among the questions I am asked to answer.

The beginning of all collections is the same. Begin in a small way. Do not be tempted, when your collection is still in embryo, by the offer of a rare piece, the chance of obtaining which, you are persuaded, occurs but once in a lifetime. Experience has to be paid for, and you need not add to its cost by doubtful speculation. As you progress you will find that your acquisitions may require weeding out.

With untold patience you must serve your appreticeship; graduate and qualify and then you may count yourself among the aristocracy of collectors—those who know.



Fig. 1.

Above all, specialize. If you are collecting glass, collect glass. Do not embark upon snuff-boxes or Vernis Martin. Each subject requires individual attention, and a smattering of many things leads to no goal, to no attainment.

Early English, Waterford, Dutch and French are the principal styles of glass, and these are of two descriptions—cut and engraved. Each has its peculiarities, its beauty of luster and design. Knowledge of these peculiarities can only be acquired by constant study. Early specimens have a greenish tinge, are often very crude in form and roughly finished. Another characteristic is the presence of "bubbles" in the glass itself.

In the 17th century, when utility and elegance were combined in the material elements of daily life, fine glass played a conspicuous part. The French rose-water bowl and ewer (Fig. 2), so beautifully cut, are fit partizans to the dipping of dainty fingers in fragrant liquid. Observe the boldness of design, the heavy stopper, the *emplacement* of the handle, which meets the curve of the body without disturbing the lines of the whole.

The punch-bowl and ladle (Fig. 3) are interesting and beautiful examples of what is probably Waterford glass. Here again the excellence of design is striking. The lipped edge, allowing the light to play through it, is of extreme brilliancy and fine cutting. The plain line around the body is a characteristic of this kind of glass.

Flower vases of this period are very fine; the cutting on some especially is as clean as any I have seen, even among the Dutch, of which I consider this vase a representative specimen.

The two large goblets in Fig. 1 are early



Fig. 2.

17th century Dutch engraved. No. 1 bears the arms of the seven provinces of the Netherlands, and the detail is of the most excellent workmanship. No. 3 is of an earlier period than 1 and 2, and is what is known as a "tear glass," so called from the fact of there being a tear-shaped bubble in the center of the stem. Opinions differ as to whether this "tear" was formed by accident or design during the process of manufacture. The color of the glass is a dusty green, the tinge being darker than that observed in most specimens of this make.

The center goblet is one of two in my possession, and I only know of one other similar, now in a private collection. The bowl is finely engraved with a coat of arms, bearing the motto, *"Honi soit qui mal y pense."* Tradition attaches a history to these three goblets, of undoubted English workmanship of the 17th century, and states that they were made for a Duke of York, who presented them to his tutor. Be the tradition well founded or no, it certainly does not detract from the excellence of these examples, and they are worthy of a collector's notice. Here again the bowl is peculiarly attractive, and it is the true collector who can derive pleasure from the feeling of the graduating curves when the goblet is held in the hand.

Moritz Kann Collection Not to Be Sold.

IT is reported from Paris in contradiction of the statements of various dailies that the collections of Moritz Kann, who re-



Fig. 3.

cently died in Paris, will remain together in the possession of his only son, who is, like his father, greatly interested in art, and have meanwhile been set up in the new palais in the Avenue de Jena, adjoining the palais of the previously deceased brother, Rudolf Kann.

It is said that the collection of the latter will not be sold at auction until next year.

Reed & Barton, Taunton, Mass., filed through Treasurer George Brabrook the following annual corporation report: Real estate, $150,000; machinery, $100,000; cash and debts receivable, $421,406; manufactures, $1,442,263; capital stock, $750,000; accounts payable, $444,045; surplus, $100,000; profit and loss, $819,624.

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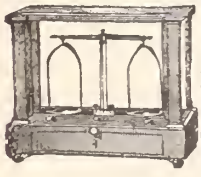
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Some Interesting Facts About Topaz.

THE Khedive's miners about a month ago reached Cairo from their season's work in the "Isle of Jewelstones," which is the literal translation of the Arabic name, *Topazion,* the island in the Red Sea from which His Highness derives his exquisite and far-famed topazes. Only in the cool season can the jewel mining go on, for the terrific heat in these breathless regions daunts even Arabian workmen, to say nothing of the Caucasian engineers, who have charge of the mines.

This year the yield consists of five cases of precious stones, mostly topazes of the purest water, and such are rarely found elsewhere. For, although the supply seems practically inexhaustible, it is a matter of no small difficulty to successfully detach them from their hiding places in the heart of the rock. Some of the finest topazes are almost colorless and might well pass as diamonds, but for the fact that they lack 'fire."

The beauty of the stone is best shown when cut as a brilliant, and it is then they have been known to compare even with diamonds. The radical difference between the two is that the topaz becomes electric when heated, a property not possessed by the diamond. The French jewelers call these colorless stones *gouttes d'eau,* and the Spaniards, *pingri d'agua*—names that well describe their limpid beauty. In the English trade they pass under the curious name of "Minas Yovas."

The colored topaz shades into either blue or yellow, and a fact which is not generally known is that color fades on exposure to the direct rays of the sun. This is why the fine collection of Siberian topazes in the British Museum is carefully protected from light by means of pasteboard bonnets. A Parisian jeweler—Queen Maria Antoinette's notorious M. Bassages—discovered that the sherry-colored crystal from Brazil assumed a lovely rose-pink hue when exposed to heat. This discovery is now used, the stones often being put into a sand bath, or wrapped in "German tinder," which is then ignited. Either means of producing the required amount of heat will turn them into the pink color, so much admired. "Burnt" topaz is sometimes known to jewelers as "Brazilian ruby," and just now, when it enjoys the approval of fashion, it is extremely valuable.

There is a general idea that pink topaz owes its color to artificial treatment; and, certainly, if the heating process described be artificial, that charge is true; but the heating is really all the "doctoring" ever resorted to by dealers of repute.

The Khedive's magnificent specimens are cut and "shaded" by workmen on his own premises, His Highness meanwhile taking a personal interest in his fascinating possessions. The crystals are cut upon a leader wheel and polished with tripoli. They are then sorted into various qualities and sizes, and the room in which they are finally placed for the Khedive's inspection looks like a chamber in some enchanted castle, described in the tales of the "Arabian Nights."

C. A. Green has purchased the business of J. F. Kenley, Caldwell, Idaho.

English China and Pottery Amory the Wedding Presents to King Alfonso and His Bride.

ENGLISH potters and glassmakers naturally furnished a large part of the British presents sent to the bride on the occasion of the recent marriage of the King of Spain to an English princess. The *Pottery Gazette,* of London, says:

"It is cheering to see that among the British presents to the bride so many have been selected from these trades. First and foremost is the porcelain service, the present of King Edward, supplied by Thos. Goode & Co., who hold a Royal Warrant for china, and which has been made by Copeland & Sons, Stoke. The magnificent state dessert and coffee service which comprises this present (illustrated last week in THE CIRCULAR-WEEKLY) is a reproduction of the historic service made at the old Chelsea works in 1763 by the order of Queen Charlotte. It is very gratifying to the trade that King Edward, the Peacemaker, has chosen as the Royal present to the King of Spain a grand specimen of English porcelain.

"Some writers have said that English potting has suffered through not having a subsidized Royal pottery as in Paris and Berlin. We do not share this view. British pottery, and real British cut glass, we hold to be second to none. The suitability of the highest in the land going to these trades for their presents is illustrated by the action of our King."

General Appraisers' Decisions as to Duty on Statuary, Earthen Ware, Etc.

DECISIONS of the Board of United States General Appraisers, New York, in cases involving duties on statuary, earthen ware, purses of leather and metal were last week published in the Treasury Department bulletin as follows:

STATUARY — PANEL — PAPER WEIGHTS.—Protest of Austin Baldwin & Co. against the assessment of duty by the collector of customs at New York. The articles before the board were classified as manufactures of marble under Par. 115, Tariff Act of 1897, and were claimed to be statuary as defined in Par. 454. It appeared that the importation consisted of (1) of a marble panel like that involved in G. A. 6252 (T. D. 26967), and (2) of small pieces of marble suitable for paper weights. Protests overruled as to the merchandise in the second class, and, on the authority of the case cited, sustained as to the panel.

PURSES OF LEATHER AND METAL.—Protests of Acme Leather Goods Co. against the assessment of duty by the collector at New York. The articles in controversy consisted of Japanese purses and cardcases. They were classified as composed in chief value of silk, and were claimed to be dutiable, as composed in chief value of metal and of leather, respectively. Protests sustained.

EARTHENWARE.—Protest of H. Bayersdorfer & Co. against the assessment of duty by the collector at Philadelphia. The merchandise was held to have been properly classified as decorated earthen ware under Par. 96, Tariff Act of 1897.



A NEW ART GLASS FACTORY.

THE new factory building which is being erected at Wellsboro, N. Y., for J. Hoare & Co., cut glass manufacturers, is now nearly completed. The machinery was recently delivered, and it is expected that the works will be in operation within a few weeks. The local Board of Trade offered concessions which resulted in the company establishing the factory at that point.

*

MERGER OF CONNECTICUT FIRMS.

A. J. HALL & Co., the glass and china decorating concern on N. George St., Meriden, Conn., which has been in business in that city for seven years, is being merged with the Goodwin & Kintz Co., metal manufacturers at Winsted, Conn. An inventory is now being taken of the Meriden factory, where 20 hands are employed. This plant will be moved to Winsted, and it is expected that most of the employes will also move. Some time ago Arthur J. Hall and James D. Bergen, of the Meriden company, decided that the business required an increase in capital in order to place a larger line of goods on the market. They opened negotiations with the Winsted Board of Trade, who suggested the consolidation with the metal manufacturing concern.

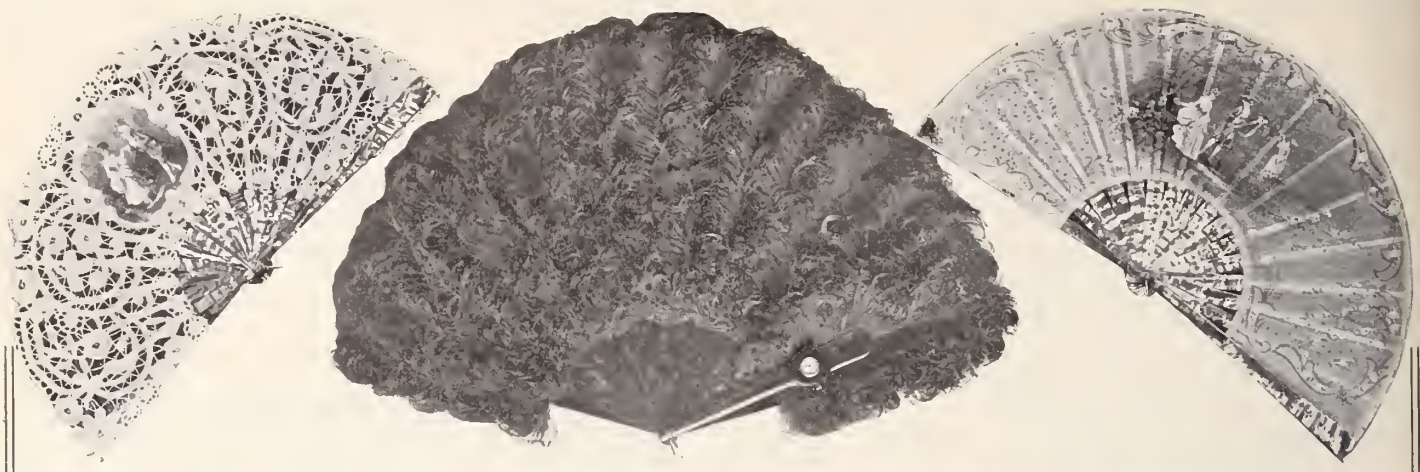
*

DOMESTIC GLOBE SHADES AND NOVELTIES.

AN attractive line of electroliers, shades and globes is being exhibited in room 322 of the Astor House, New York, by a representative of the Handel Co., Meriden, Conn. The bent and leaded glass shows a variety of rich and pleasing designs, some of which are quite novel. The favorite green background is generally used, and the ornamental figures, floral and eccentric, are wrought in the brightest of hues. Among the most pleasing effects in flowers are daisies. An elegant narcissus pattern is shown with the petals represented by translucent pebbles, picked up from the beach near New York and imbedded in the glass. When the electric current is turned on the light shines through the stones, which seem to be especially fit for their place in the floral ornament. A soft opal effect is produced in another globe. The company is also showing handsome smokers' sets and holiday novelties in so-called opal glass, with hand-painted decorations.

THE RAMBLER.

W. R. Austin, Port Huron, Mich., is about to make extensive improvements in his store. A new front will be added and new fixtures installed. All of the cheaper stock will be disposed of at auction and an entirely new stock of goods will be purchased.



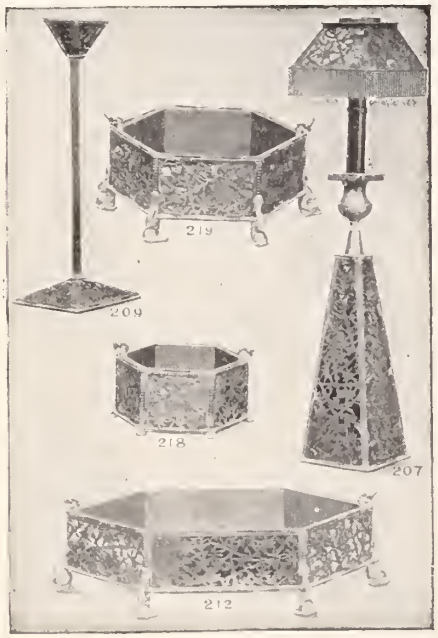
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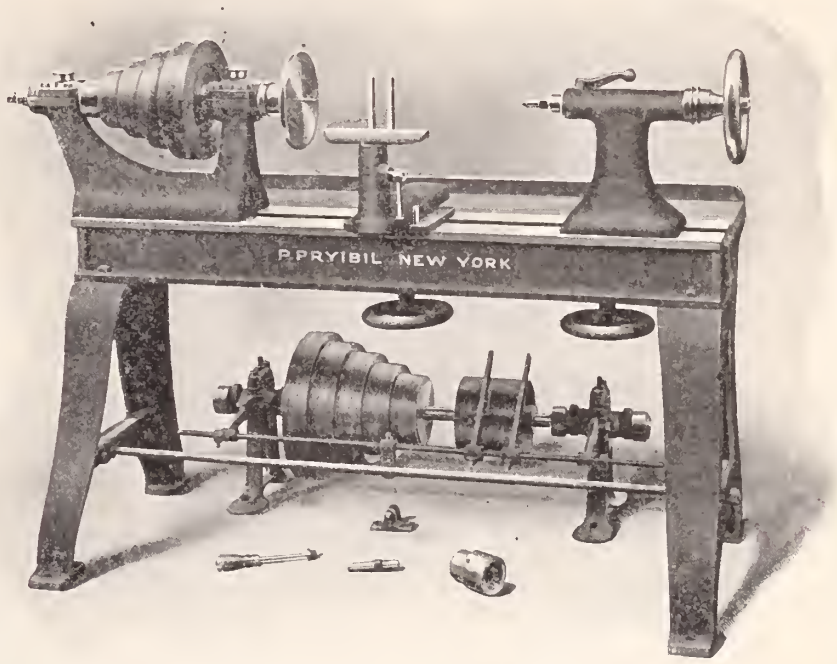
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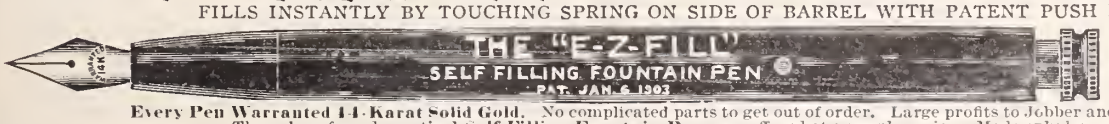
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THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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38th Year. WEDNESDAY, AUGUST 15, 1906. Vol. LIII. No. 2.



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(See *Ancient and Modern Nefs*, Page 41.)

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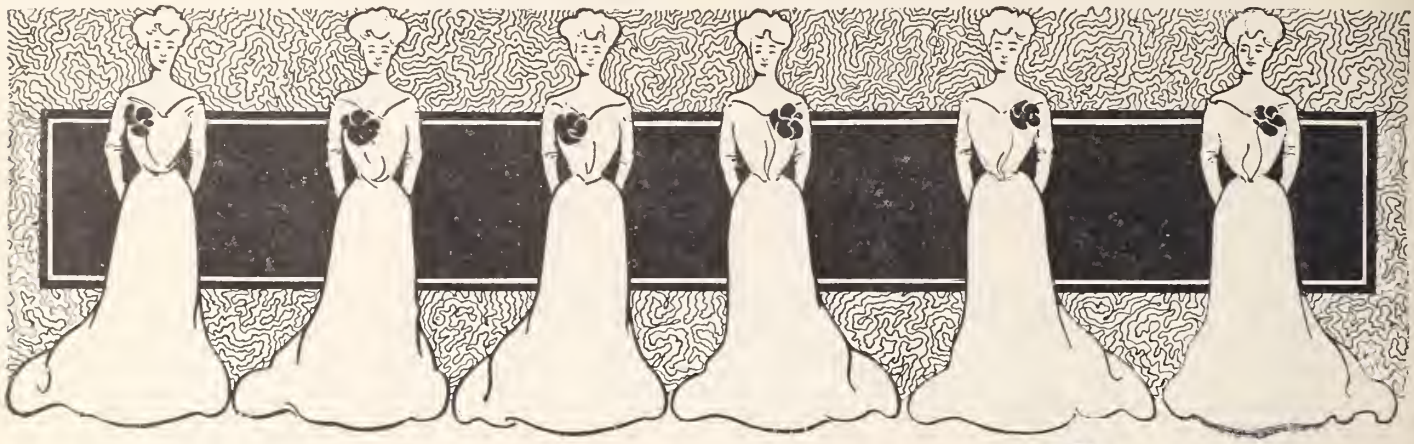
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Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

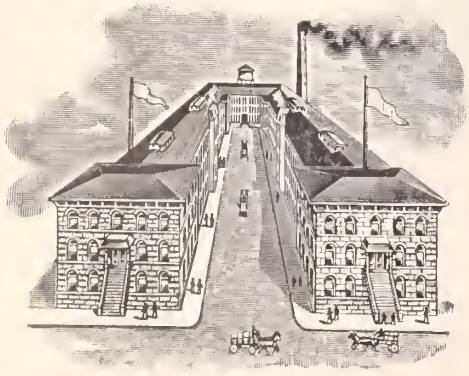
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16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



S. O. Bigney & Co.

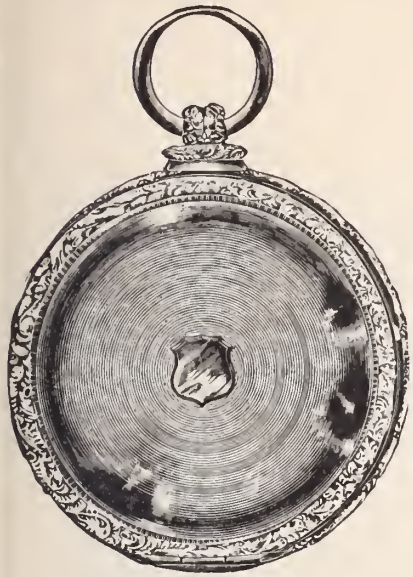
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OLD WATCH CASES REPAIRED AND RENEWED.

Wendell & Co.,

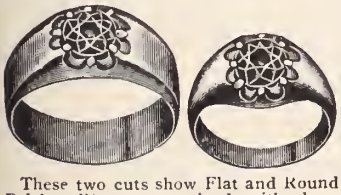
2

WONDERFUL SHOPS:

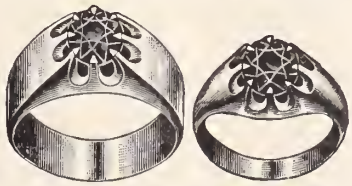
103 & 105 William St., NEW YORK.

57 Washington St., CHICAGO.

New Claws on Diamond Rings.



These two cuts show Flat and Round Belcher Rings as received, with claws badly worn off and too low to permit resetting stones again.



These cuts show the same rings with new high claws, stones securely reset, and entire rings refinished like new.

Price for six new claws, resetting stone and refinishing ring like new .....$1.50 to $3.00, list.

Price for eight new claws, resetting stone and refinishing ring like new .....$2.00 to $4.00, list.

We retip or put new claws on diamond Tiffany, Belcher, Tooth and rings of every description, to cost from $1.50 to $4.00, list, according to the condition of ring and number of claws on setting.

Wendell & Company,

103 and 105 William St., NEW YORK.

57 Washington St., CHICAGO.

For 22 years we have been doing

Gold and Silver Plating.

Sterling and Plated Ware Repairing for the Trade.

Do we do yours?
Our plating rooms are the best equipped in the country for job work.



How It Came In.



How It Went Out.

WE REPAIR

any article in the silverware line; making new parts to match the old ones that have been melted or broken off, the same as new.

WE REPLATE

any metal article in gold, silver, nickel, bronze, brass, oxidized silver, old bronze, statuary bronze, and all antique finishes.

Wendell & Company,

Repairers and Special Manufacturers for the Retail Jewelry Trade

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.



Stone-Setting.

We carry a most complete stock of Precious and Semi-Precious Stones for special work and replacing lost sets. We import them direct from the cutters in Europe, and furnish them to the trade in single stones at dozen and gross prices.

Have your stone-setting done in our shops and save from thirty-five to fifty per cent.

We employ first class setters, and turn out work very promptly.

No job too small to receive our careful attention.

Gold Chains Refilled, Renewed and Repaired.

Old Chains made over into new patterns, using same gold.

GOOD WORK. LOW PRICES. PROMPT ATTENTION.



Sample Job as Received.



As Delivered.



Fancy Link Chain as Received for Renewing.



As Delivered.

Wendell & Company,

The Special Manufacturers for the Retail Jewelry Trade.

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.

WADSWORTH "TWENTY-YEAR" WATCH CASES

THE MAN of moderate means, the man who wants the "good," but not necessarily the "best," such men must be provided for. Such, probably, is the "average man." This Watch Case is for him. It "ATTAINS ITS MAJORITY."

Have you the "average man" among your customers? Haven't you a lot of him? General business depends on this "average man." You cannot sell him anything of better value for his money than this TWENTY-YEAR Case. Best of its kind.

The Wadsworth Watch Case Co.

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.



WHEN your customer comes in to buy a watch for his son, be sure and sell him a

Wadsworth Case

as he is then sure to be satisfied, and a satisfied customer is a customer for ever.

The Wadsworth Watch Case Co.

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.

? ? ?

Do the retail jewelers appreciate what they were paying for 12 Size movements before our 12 Size was on the market?

Do the retail jewelers appreciate what they were paying for O Size movements before our O Size was on the market?

Do the retail jewelers stop to consider what they would be paying for movements if there was not an independent watch company manufacturing a complete line of superior watches?

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed

Patented June 26, 1906

DIRECTIONS

To Open

Take hold in centre of both sides and pull evenly

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND





Dueber-Hampden

**The Best, The Smallest,
The Handsomest Ladies' American
Watch**

They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.











Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaran eed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**

STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

"To Protect Legitimate Jewelry Interests."

"To Buy of Houses That Stand Back of You."

These are the dominant issues of a movement which has the support and approval of the jewelry trade of the country.

The W. & S. Blackinton Co. was the first to proclaim its policy of protection for the legitimate jewelry trade. No department store and no mail order house, selling direct to the consumer, can buy our Old Reliable and Globe Filled W. & S. B. ★ Chains.

W. & S. BLACKINTON CO.

14 Maiden Lane, N. Y. **North Attleboro, Mass.**

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M

Always in Red.

SPECIAL.

WE extend to the Jewelers of this country a most cordial invitation to our FOURTH ANNUAL EXHIBITION of Diamond Jewelry, now being held in our offices, from the 13th to the 18th inclusive.

During the past few months we have specified in this journal what this remarkable display will consist of, and we desire to say that every statement is fully verified by a wonderful exhibit of the most marvelous stock of mounted goods ever shown in this country; not alone in the enormous quantity, but in the wonderful variety of magnificent and exclusive designs. Jewelers will be shown the effects that will be worn during the season of 1906-7.

This exhibition contains many suggestions as to new creations in Diamond Jewelry that have never been seen before. We feel certain that by ordering our productions they will become a source of revenue to your business.

OTHERS FOLLOW IN EXHIBITIONS

WE LEAD

"IMITATION IS THE SINCEREST FLATTERY"

We beg to advise that Mr. Archie Rutherford is now connected with this firm.

POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS.

258-260 Fifth Avenue,
NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

The Marlborough

Design Patented Illustrations Exact Size

The Newest Reed & Barton Sterling Pattern, here shown for the first time.
A design of character and dignity, which has met instant favor with the trade.



TRADE MARK

STERLING

Illustrations and prices of these and other designs, both Sterling and Plate, furnished to the recognized Jewelry Trade.

REED & BARTON, Silversmiths

ESTABLISHED 1824

THE OLDEST MAKERS OF SILVERWARE OF REPUTE IN AMERICA

REPRESENTED AT— 320 Fifth Avenue, New York
6 Maiden Lane, New York
103 State Street, Chicago
296 Second Avenue, San Francisco

OFFICES AND FACTORIES
TAUNTON, MASS.







Silver Deposit Ware

THE ever-increasing popularity of Silver Deposit Ware leads the Whiting Company to direct particular attention to the attractive and very complete line now shown by them at prices which will, on examination, be found to compare most favorably with those demanded for articles of a similar character but of markedly inferior quality.

¶ As the accompanying illustrations will serve to indicate, this artistic ware is notable for the markedly decorative effect which it insures at a comparatively moderate cost.

¶ At the same time it may be pointed out that while these particular examples shown are suggestive of one of its most effective applications, the Deposit process can with equal fitness be adapted to every desirable form of ceramic or glass ware, thus very materially widening the range of its utility.

¶ Among the articles in this ware offered by the Whiting Company, complete, are

Tea and Coffee Services,
Liqueur Sets,
Sherbet and Champagne Cups,
Whiskey Jugs and Bottles,
Cock-Tail Glasses,
Lemonade Glasses,
Claret and Cordial Glasses,
High-Ball Glasses.

TRADE W MARK

The Whiting Mfg. Co.

SILVERSMITHS

Broadway and Nineteenth Street, New York

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

Illustrations about three quarters size

TRADE MARK Sterling

A Novelty in Sterling Toilet Ware



The Kings,

(No C 525)

Made only by

SIMPSON, HALL, MILLER & CO.

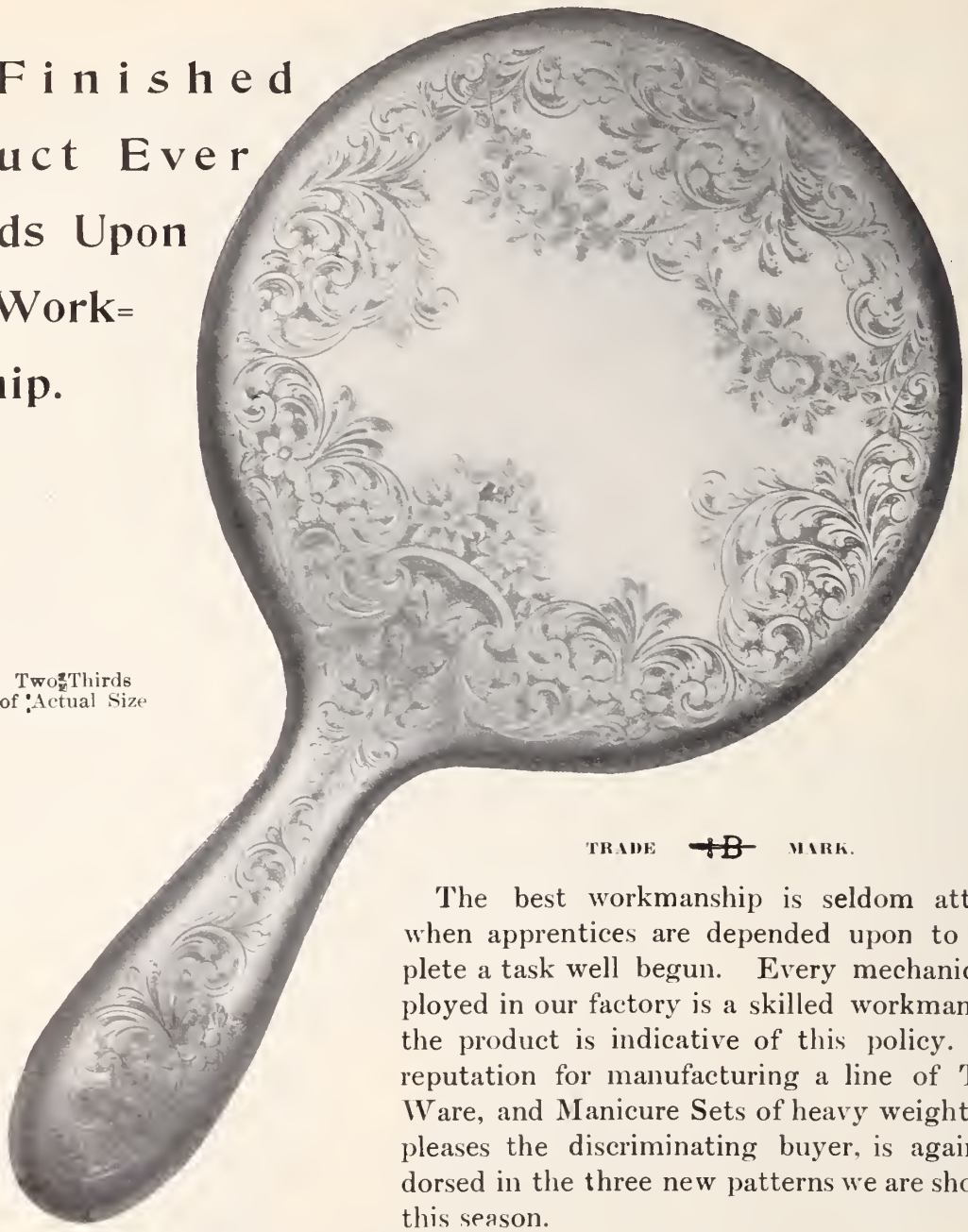
INTERNATIONAL SILVER CO., *Successor,*

Wallingford, Conn., U. S. A.

New York, Chicago, San Francisco, Toronto.

SILVERSMITHS *to the* AMERICAN PEOPLE.

The Finished Product Ever Depends Upon Good Workmanship.



Two-Thirds of Actual Size

TRADE B MARK.

The best workmanship is seldom attained when apprentices are depended upon to complete a task well begun. Every mechanic employed in our factory is a skilled workman, and the product is indicative of this policy. Our reputation for manufacturing a line of Toilet Ware, and Manicure Sets of heavy weight that pleases the discriminating buyer, is again endorsed in the three new patterns we are showing this season.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases · *Baskets* · *Shirred Wrist Bags*

Photo Frames · *Jewel Cases* · *Sterling Novelties*

Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

FACTORY, NORTH ATTLEBORO, MASS.

Now is the Time

for Jewelers to be sure their stock of

Sturdy Goods is Complete.

A good line of Sturdy Chains is bound to produce good results

For Your Fall Business.

The "Sturdy Line" of Standard Chains comprises everything pertaining to the Chain Business.

This line is handled by all of the

Leading Jobbers.

J. F. STURDY'S SONS CO.

Established 1865

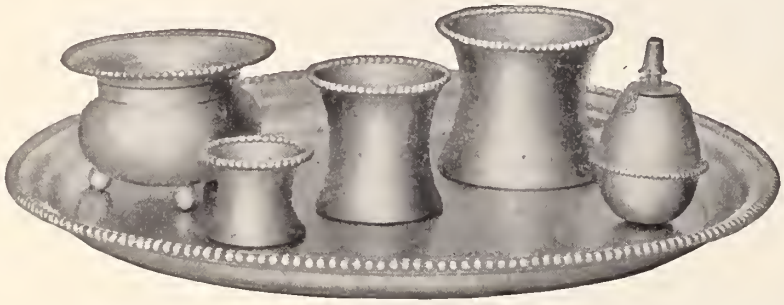
NEW YORK
7 Maiden Lane

Incorporated 1906

SAN FRANCISCO
1785 Sutter St.

Works, ATTLEBORO FALLS, MASS.

Sternau Specialties Will Increase Your Sales.



No. 702.

SMOKING SET.

Consisting of Cigar, Cigarette and Match Holders, Gilt-lined; Alcohol Lamp, Ash-receiver and Round Tray, 12 inches in diameter; trimmed with Solid Beaded Edge. Made in Brass, Copper or Nickel Plate.

These smoking sets are characteristic of our superior workmanship in every detail, and are good sellers with the jewelry trade throughout the country. Prices and illustrations of our Smoker's Articles will be sent on request. Have you received our new catalogue, No. 21?

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

If It Burns Alcohol We Make It

Makers of Coffee Machines, Chafing Dishes and their accessories, Trays, Fancy Kettles, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins Brooches
Links Handy Pins
Studs Hat Pins
Fobs Chains!

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

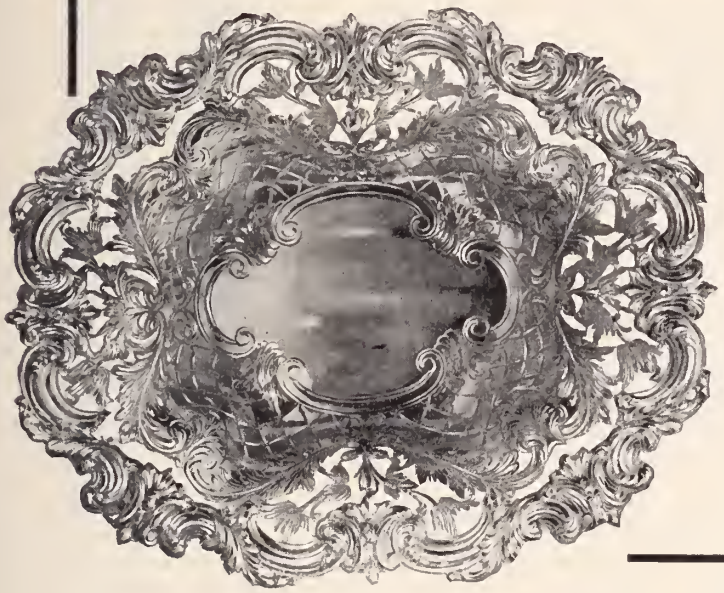
Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

Smith Silverware.

TRADE MARK
STERLING 925/1000

OVAL DISH



The "Georgian" line of hand-chased Hollow Ware represents the very highest achievement of the most skilled Silver Workers. Like all Smith Silverware, it is characterized by its distinctiveness of design, substantial weight and excellence of finish. Made in complete dinner service.

Frank W. Smith Co.

Manufacturers of Sterling Silverware

Gardner Mass.

Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE,
12-14 JOHN ST.

CHICAGO OFFICE,
103 STATE ST.

FACTORY,
NEWARK, N. J.

ROBERT LEVY

THE NAME THAT 10Kt STANDS FOR QUALITY



No. 800. No. 801.

Lockets,
Buttons,
Bracelets,
Brooches,
Fobs,
Penknives.



Cigar Cutters,
Tie Clasps,
Match Boxes,
Scarf Pins,
Heart Charms,
Bead Necks,
Etc.



No. 804. No. 805.

Send for Selection Package. **10K. that is 10K.**

ROBT. LEVY,

Manufacturing Jeweler

Green and Columbia Sts., Newark, N. J.

Charm of the Garnet

Autumn's Favorite Stone.

THE GENIAL WARMTH of color in the Garnet causes it to be strongly in favor during the Autumn and Winter months. It seems like crystallized fire when the chill comes in the air. This is part of the psychology of the stone; admired always, it is especially admired then.

Pursuant to a firm belief that this stone will be in decided demand, this house has provided unusually attractive lines embodying the Garnet in the most artistic manner. These lines include Garnet-set Bracelets, Necklaces, etc. They add tone and yield profit to appreciative jewelers.

D. Lisner & Co.

Creating Importers of

Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK

The Largest Umbrella Manufacturers in the World

FOLLMER, CLOGG & CO.

395, 397, 399 BROADWAY, NEW YORK
1031 Chestnut Street, Philadelphia, Pa. 330 Hays Street, San Francisco, Cal.
Factory : Lancaster, Pa.

beg to announce that they are now showing for the Fall Trade an immense assortment of distinctive creations in

Fine Umbrellas and Handles

including all the latest foreign novelties especially selected and suitable for the jewelry trade. Visiting jewelers should see this display

THE LARGEST IN THE WORLD



We Save You a Trip to Paris

At our NEW YORK OFFICE we carry our complete lines and stock of

Brooches, Combs, Festoons, Hair Barrettes and Bracelets

In JET, METAL, RHINESTONES and MOCK GEMS.

Just received and ready for delivery: New Effects in Rhinestone Combs.

CHOPARD FRÈRES

MAKERS OF FRENCH JEWELRY NOVELTIES

Paris, France:
35 Rue des Trois Bornes

New York Office:
49 Maiden Lane

A.W.C.CO

American Watch Case Co.,

Manufacturers of Fine Gold Cases,

9-11-13 Maiden Lane,

New York.

A.W.C.CO

We will send Free upon request this Case Opener, made from Fine Tool Steel, highly tempered.

1906 Catalogue Now Ready

ROCKFORD SILVER PLATE COMPANY

ROCKFORD, ILL.

Only Retail Jewelers Can Buy It



Rockford Silver Plate Co. Made It

Watchword of the Craft—"Stand By Those Who Stand By You"



THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

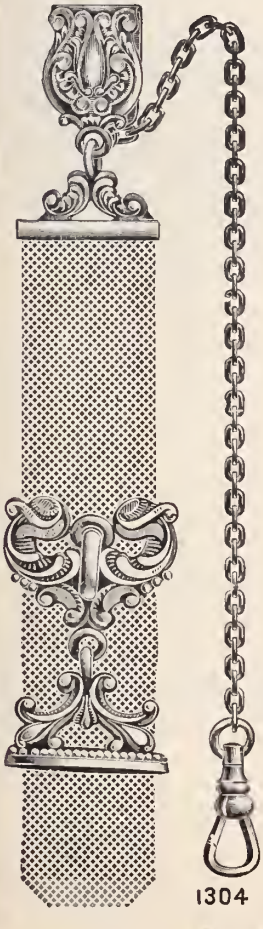
Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM.

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.



1304

BATES & BACON

Attleboro, Mass.

Makers of HIGH GRADE CHAINS

The BEST SAFETY FOB is one of our specialties; Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets and Chatelaines.

"Bates" Bracelet

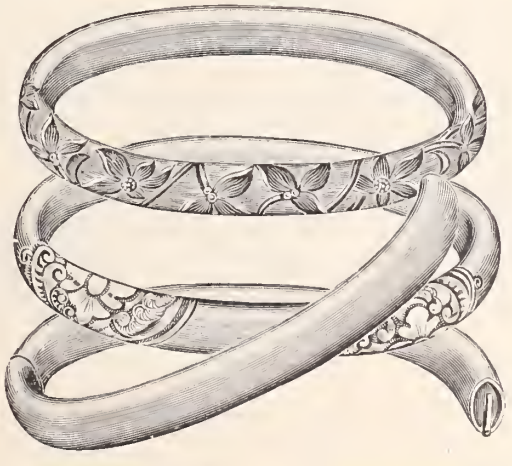
"KANT-KUM-OFF"

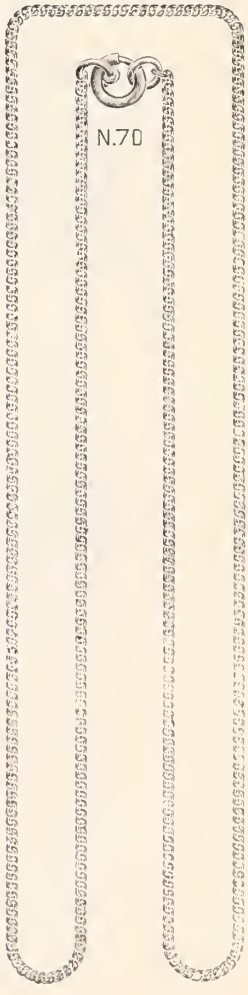
Ask your jobbers for THE BATES BRACELETS and you get the BEST.

OFFICES:
NEW YORK,
9 Maiden Lane.
CHICAGO,
103 State Street.



No. 1050.





N.70

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The "Bryant" Rings.

WE have made the **Bryant Rings** for 50 years. and know how to make first class goods. The stone setting—which every retailer knows is a very important part of the work—we give special attention to. The **Bryant Rings** will help your reputation as a first class Jeweler.

TRADE-MARK.

M. B. BRYANT & CO., No. 7 MAIDEN LANE, NEW YORK.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

Deposit Ware Exclusively

Appropriate decoration, standard ware in beautiful colors, and best workmanship.



11 in. high
$18.00
Plain Polished or Frosted

Our New Ruby Claret Pitcher

Representative Jewelers are invited to send for a selection of

EXCLUSIVE NOVELTIES, CHOCOLATE SETS, FANCY BASKETS, WHISKEY JUGS, ETC.

DEPASSE MFG. CO.
41-43 Maiden Lane, New York

SAML BUCKLEY & CO.
English Fancy Goods.



Carry in New York a full line of

ENGLISH PLATED WAITERS.

118-122 Holborn, E. C.,
London, England.

100 William St., New York.

CASSIUS W. SEYMOUR,
37-39 Maiden Lane, New York.
ALLOW ME TO CALL ON YOU IN THIS WAY



Jewelers' Stationer and Printer

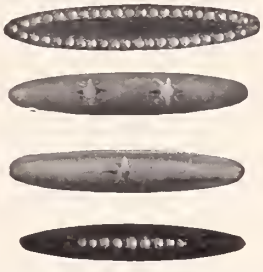
Jewelers' Cards,
Tissue Paper,
Tags,
Blank Books, etc.

ROLL AND FLAT PAPERS.

Estimates cheerfully given. Mail orders promptly attended to.
Let us quote you our prices on manifold books and sealing wax.



Quality and Finish Consistent with twenty years' experience.
Original and Exclusive Designs.



NEW YORK,
3 MAIDEN LANE.

CHICAGO,
42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

"TOPPY AND ORIGINAL"

Bracelets
Barrettes
Brooches
Pearl Snaps

A & A

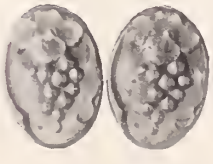
Handy Pins
Scarf Pins
Pendants
Collarettes

ALLSOPP AND ALLSOPP

'PHONE 4075W

18 COLUMBIA ST. NEWARK, N. J.

Geo. O. Street & Sons.



We have been identified with the making of fine 14 karat jewelry since 1837.
Our specialties—Seal Rings, Sleeve-links, Fobs and Seals.

24 John St., New York.
103 State St., Chicago.

TRADE (S) MARK

Sleeve Links a Universal Need.

EXPERIENTIA DOCET

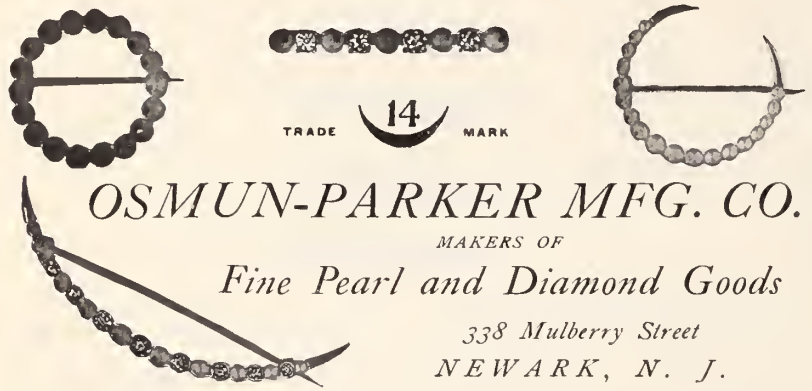
FEW ARTICLES are in wider demand than Sleeve Links. An absolute necessity of modern attire. Those made here unite style, individuality and quality. Workmanship stands closest examination.

PRICES: $2.00 to $200.00.

EXPERIENTIA DOCET

Durand & Company,

49-51 Franklin Street, Newark, N. J.



TRADE 14 MARK

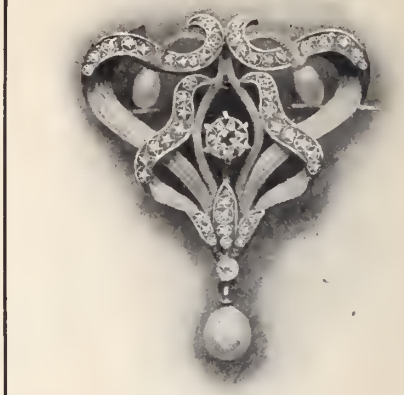
OSMUN-PARKER MFG. CO.

MAKERS OF

Fine Pearl and Diamond Goods

338 Mulberry Street

NEWARK, N. J.



Fancy Designs in *Jewelry* OF ALL KINDS.

Collarettes, Brooches, Scarf Pins, Buttons, Necklaces, Hatpins, Etc.

A. J. Hedges & Co.,

Makers of Exclusive Designs in 14K. Jewelry,

14 K. TRADE-MARK

14 John Street, New York.

ESTABLISHED 1871. Factory and Office: Newark, N. J. INCORPORATED 1900.

CARRINGTON & CO.,

Patent Pocket Match Box



Book Safety Matches with Steel Cigar Cutter.

(Patented.)

14K. ONLY IN STOCK.

14 *Sales Agent:* 7 Maiden Lane, New York. 18



Adjustable Glove Garters

IN

GOLD AND SILVER



DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing; therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York

Gold Jewelry

14K. in 10K.

Plain, Chased, Engraved, Diamond Set

BRACELETS, BROOCHES, LINKS, LOCKETS, ELK BUTTONS, ETC.

Chas. L. Trout & Co.,

15 MAIDEN LANE, NEW YORK.



SOLID GOLD CHAINS

OF EVERY DESCRIPTION

The selling expense of chains is an item which ordinarily affects the cost in a measure which is greatly to the disadvantage of the retail jeweler.

In the price of *our* chains, this selling expense does not appear. *You* get this benefit when you buy

SOLID GOLD CHAINS

TRADE K MARK

direct from us, as you do not have to help pay the salaries and expenses of salesmen. We have no traveling salesmen and our prices are therefore very low.

For 56 years exacting jewelers have found our chains ready sellers, very profitable to handle and most durable in service.

We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane

New York

BRACELETS

IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets

Can make to order any style and size Bracelet at very short notice.

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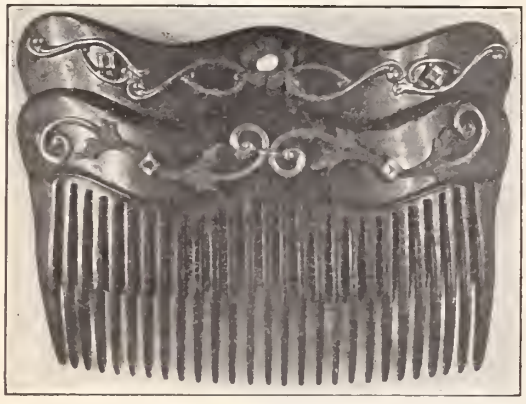


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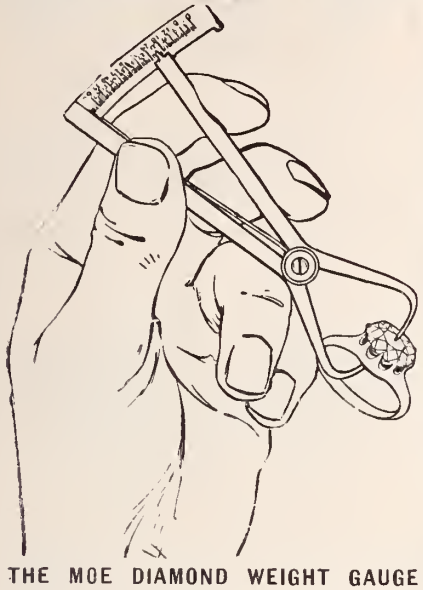
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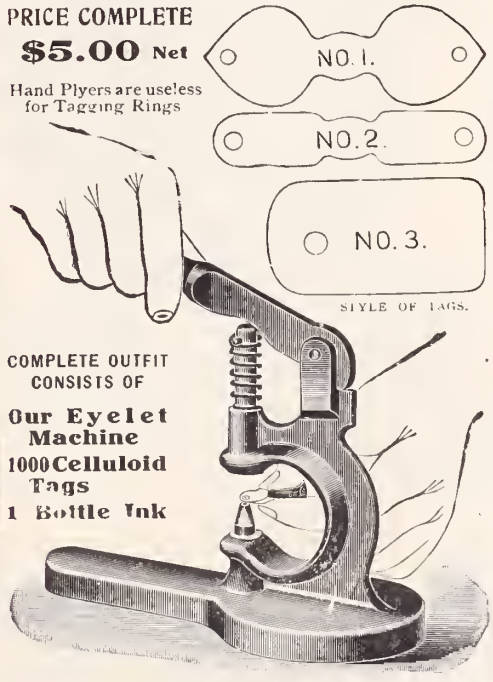
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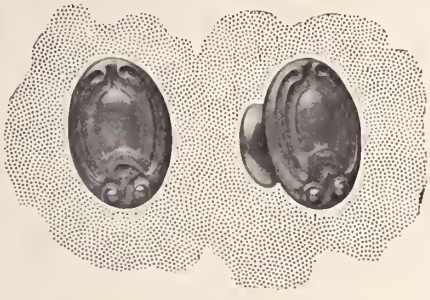
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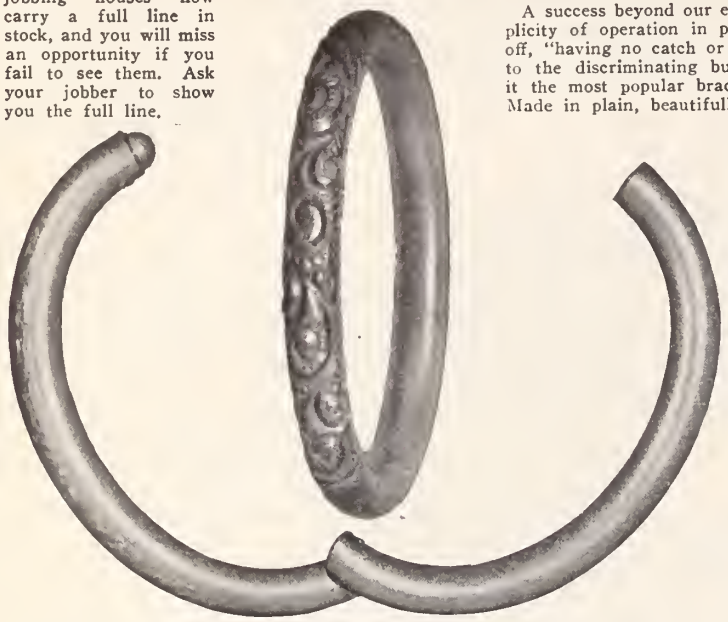
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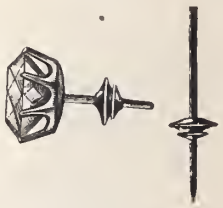
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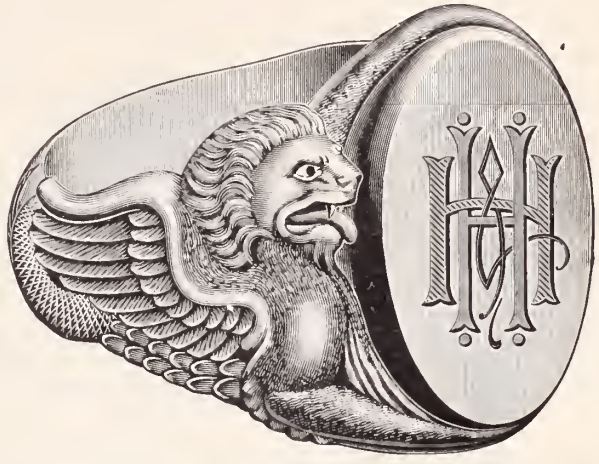
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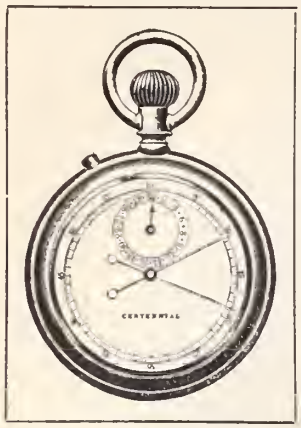
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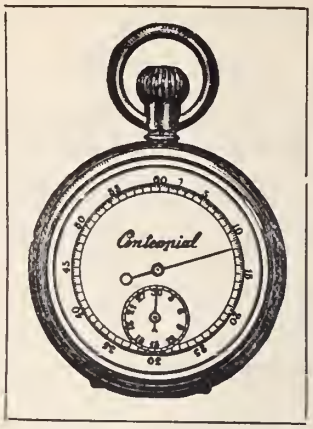
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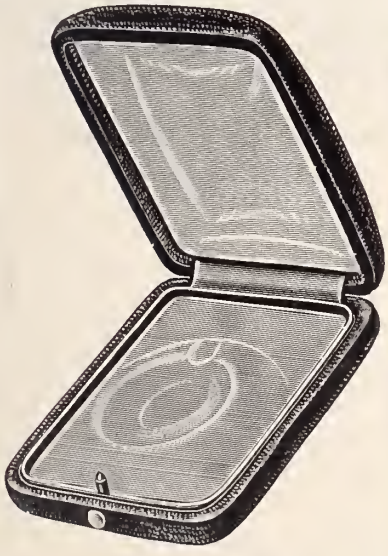
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NEF OF SILVER PARCEL GILT (1600) FROM LONDESBOROUGH COLLECTION.

of various periods. As a rule, tiny sailors or soldiers are grouped upon the deck, etc., and the ship is represented as sailing before the wind.

One of the finest old nefs in existence is the one preserved at the Cluny Museum in Paris. It is the famous nef of Charles V., whose golden figure it bears among other officers and the crew. It is of superb workmanship, in repoussé, silver, gilt and enameled work. The interior mechanism by which it was formerly set in motion is now out of order. An illustration of this magnificent piece appears on the front cover. It dates from the 16th century, and is considered one of the best productions of the silversmith's art of that period.

A silver nef supported by a merman forms part of the collection of Baron L. de Rothschild, M.P. This bears the date 1661. We present a picture of it on this page.

Among the many priceless art objects composing the Panawitz collection, recently sold at auction, were two fine nefs, which are depicted herewith. The one with the foot fetched the sum of 6,450 marks ($1,600). It dates from the year 1600, while the other was made in the 18th century. Both are of German workmanship.

The nef was placed before a personage of consequence, usually the master of the house, at table, and contained under lock and key all the articles which he would use during the meal—that is to say, spoons, forks, napkins, cups, salt-cellar, spices, etc. This was done on account of the great



SILVER NEF OF 17TH CENTURY, FROM ROTHSCHILD COLLECTION.

prevalence of poisoning during the middle ages.

The various inventories mention a large quantity of these vessels in silver and even gold, decorated with enamel, with the entire rigging and sails of silk or silver. In the inventory of Charles V. figure five nefs of enameled gold of a total weight of 258 "marcs" of gold, and 21 silver nefs weighing 648 marcs of silver.

Nefs were often used as gifts from one royal personage to another, and, arrayed upon the dinner table on state occasions, made an imposing show. CHASABRAS.

(To be continued.)

Oriental Silver Work.

SILVER, according to reports, is as much sought by eastern Asiatics as gold is by us, and is worked up by them into innumerable novel articles and bric-à-brac. One class of designs consists of miniature reproductions of features of daily life, including articles of household and personal use: the Goddess of Mercy, the Celestial Porole, the King of the Fishes, the Sitting Buddha, dragons, the flying serpent, the begging priest, and animals of all sorts. The largest of these articles do not exceed two inches in length, and they diminish to dainty little objects no larger than a grain of corn. The finish is admirable. The features and hair of the human beings, scales of fishes and crocodiles, are reproduced with care and skill.

Another class of these objects consists of miniature cordage. The metal is solid, but the surface is so wrought out that at first sight each piece seems a rope, cord or braid. Some are as fine as sewing silk, while others



MODEL OF LINE SHIP OF 18TH CENTURY.

are as thick as clotheslines. These silver cords are used for bracelets, anklets, necklaces, belts, sword hangings, and horses' harness. They are not rigid and can be bent in any direction.

A third class of articles includes household ornaments, such as match boxes, ash cups, joss sticks, bowls, sandalwood irons, plates for opium pipes, button boxes, and so on without end.

A fourth class includes filigree work and tissues made into fine silver ware. Articles of this class, brought by Marco Polo de Venice, are supposed to have suggested the Italian filigree industry. A design from Fuchan is a bouquet, over which is loosely wrapped a silken veil. It was so perfectly made that the veil looked as though it might blow away at any moment. Through its fine folds the flowers and leaves were all visible. Another artistic gem is a little bouquet in which ferns, lilies of the valley, and other plants are represented in metals.

E. F.

Chas. P. Haskins, for the past two years employed as an engraver in L. H. Barth's store, Geneva, N. Y., was married recently to Miss Lottie B. Roberts, Toronto, Ont.

The WHY of it

Why do you suppose, week after week, year in and year out, we have been advertising in the Jewelers' Circular-Weekly?

We make gold jewelry of unquestioned quality, prices and construction, and stamp upon each piece our registered trademark, which is our bond that every piece is just as we represent it.

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Registered Trade-Mark.

Conrad Schickerling Makes Public Statement Regarding Some Complications.

A statement in reference to the relations between Schickerling Bros. & Co., formerly of 26 E. 28th St., and Edelhoff Bros. & Co., formerly of 574 Fifth Ave., New York, was made one day last week to a reporter of THE CIRCULAR-WEEKLY by Conrad Schickerling, who was the president of the former corporation. It is claimed by Mr. Schickerling that "some misapprehension as to the nature of the transactions between the two concerns has arisen as a result of the publication from time to time of one-sided reports" and that testimony given by himself and others at the bankruptcy hearings should correct erroneous impressions.

A paragraph in last week's issue spoke of a contingent liability of the Edelhoffs on notes "passed along" by them to the Schickerlings. In relation to this Mr. Schickerling said: "The idea that these notes were 'passed along' as a part of a game is wrong. The total indebtedness of the Edelhoff Corporation to ours was $68,000, nearly all for diamond jewelry sold and actually delivered. Of the total amount, $57,000 is represented by notes, the remainder being in open accounts. Most of the jewelry represented by this indebtedness was in the Edelhoff store when the receiver took possession.

"Of the $57,000 in notes, about $10,000 is in the hands of the trustee. The remainder was turned over by Schickerling Bros. & Co. to creditors as security for our debts, except one for $500, which we discounted.

"Our corporation owed nothing to the Edelhoffs. I personally owed the Edelhoff Bros. & Co. $52,000 for merchandise."

Mr. Schickerling said that while the amount of cash in the hands of the trustee of Schickerling Bros. & Co. is now about $38,000, he believes that this amount will be increased as a result of suits brought against preferred creditors and the repudiation of notes said to be usurious. He said that he will assist the trustee in all proceedings against preferred creditors. The total of the claims that will be allowed against the estate of Schickerling Bros. & Co., he said, will not exceed $100,000.

Creditors say that the jewelry sold by the Schickerlings to the Edelhoffs was the same jewelry which originally represented the Edelhoff capital—a doubling-up scheme.

Questions have been asked in the trade as to the ownership of the patents on Elk jewelry formerly manufactured by Schickerling Bros. & Co., and whether or not the former president of that corporation had again obtained possession of the dies. Mr. Schickerling, who is now president of the Schickerling Mfg. Co., at 31 E. 31st St., said that the patents are owned personally by himself, his brother and one or two other members of the family, and did not belong to the old corporation. He said that his new company is making this as well as all other kinds of jewelry made by the old firm. He said that he has all of the dies and cutters, having bought them back for $800. Originally, he said, this equipment cost Schickerling Bros. & Co. $80,000. The dies were sold at auction to another person, who transferred them to the new company.

ELSIE BEE'S FASHIONS.

NOVELTIES SEEN IN A LADY'S RAMBLES AMONG THE JEWELERS.

GOLD alloy, which is employed to gain certain color schemes of great delicacy and beauty in blues, greens and reds in connection with untarnished gold, has a most charming and decidedly novel effect, and is shown in some new designs.

*

A taking gold knife case is ornamented with a diamond horseshoe as symbolical of good luck.

*

Chains of platinum connect diamond clusters and single stones in an exceptionally dainty necklace.

*

A style suggestive of a pair of tiny scissors with very short, wide blades, giving a shape that is almost round, is rather odd in gold cigar cutters.

*

Of an exceptionally original character is an extremely long chain in a new effect employing small fancy disks of pierced gold connected by links of gold, the whole attaining distinction by the unusual flatness and beauty of the design.

*

Tiny disks rimmed in narrow gold, showing stones in dark blue, in yellow and green, forming bars across the top, an inch wide, make an attractive design in a bracelet. Rows of pearls which are caught together at each end complete the pretty band.

*

An exceptionally elegant ring showing a large stone is a marquise diamond simply framed in a single row of small emeralds. Another marquise diamond is thickly set about with small canary diamonds, while a somewhat pyramidal emerald is set in fine diamonds in still another very smart ring.

*

In dog collars some novel designs are displayed in which the width of the collar is made unequal by alternating longer and shorter bars or panels of beautiful gold filigree. In a pattern recently noted chains of pearls connected the gold work, which was enriched by fine ovals of sky-blue turquoise.

*

A present fancy, showing an interesting combination in costly diamond work, is that of outlining a pattern in green tourmalines or perhaps emeralds. An elaborate corsage ornament in diamond ribbon work has edges finished with green tourmalines, while in another design a brocade effect is carried out in the diamond work.

*

The style of employing large stones in pendants and the like is successfully exploited in a striking arrangement forming a band for the wrist, wherein beautiful green tourmalines give the leading note. In this example a large rectangular tourmaline framed in pearls is connected by chains of pearls with a somewhat smaller stone, framed to correspond, on either side, the band being finished to the required length by a pattern worked out in pearls.

ELSIE BEE.

Death of G. W. Palmer.

ROCKLAND, Me., Aug. 8.—With the death on Monday of G. W. Palmer, of the firm of G. W. Palmer & Son, of this place, there passed away one of the oldest jewelers in the State of Maine. The deceased was 87 years of age and had been engaged in business on Main St. here for over half a century.

Mr. Palmer was born in Albion, Me., March 31, 1819, and was the youngest of eight children born to Wm. and Ann Butler Palmer. Mr. Palmer spent his early years on a farm and was educated in the district school of his native town. When 23 years of age he married Elizabeth B. Shaw, who, together with one son and two daughters, survive him.

The deceased at first engaged in the grocery business in East Thomaston, Me., and in 1851 purchased the novelty store of C. A. Macomber, at the corner of School and Main Sts. This store was destroyed by fire May 23, 1853. He then occupied quarters in the Spofford Block until 1856, when he sold out to E. R. Spear. His health being rather poor at that time, he became engaged as traveling representative for a concern in Boston, Mass., holding this position for five years.

In 1861 he formed a partnership with Simeon Blood, under the name of Blood & Palmer, which business was continued until 1869, when the present firm of G. W. Palmer & Son was formed, composed of the deceased and his son, Eugene W. Palmer.

The funeral services were held to-day at 2 P. M., from the deceased's late residence, 86 Masonic St. Several members of the trade in New York and Boston were well acquainted with the deceased, and will be much grieved to learn of his death.

New Haven Clock Co.'s Plant Again Damaged by Fire.

NEW HAVEN, Conn., Aug. 10.—A fire broke out in the varnishing department of the New Haven Clock Co. yesterday, and damaged a large amount of stock. It is believed that the origin of the fire is due to spontaneous combustion of the tanks which contained benzine and varnish, into which several employes were dipping clock cases. It is estimated that the loss will reach about $10,000.

Immediately after the fire had been gotten under control all of the men employed in the factory set themselves to cleaning out the debris, thereby saving many thousands of dollars worth of cases.

This was the fourth fire at the New Haven Clock Co. in the last two years. The other fires occurred on Jan. 23, 1904, movement department, damage $5,254.23; Dec. 12, 1905, case department, damage $15,746.84; and Dec. 27, 1905, movement department, $45,490. The plant is valued at $414,300, and is insured on the 80 per cent. clause.

John T. Fox bears the distinction of having been in the jewelry business in Rochester, N. Y., for a continuous period of 69 years. During all of that time he has been in business within 500 feet of the place where he started in 1838. Mr. Fox is now in his 85th year, but is still vigorous and active.

Youth Accused of Robbing New York Jeweler Arrested in Denver, Colo.

DENVER, Colo., Aug. 9.—Louis Macharovsky, who disappeared several months ago, and was said at that time to have stolen diamond jewelry to the value of $5,000 from Isaac Wolf's store, 118 Bowery, New York, was arrested last Wednesday in this city.

Macharovsky, who is 19 years of age, was formerly employed at the store. When he failed to report at the usual hour one morning, Mr. Wolf examined his stock and learned that diamond jewelry, of the value mentioned, had been taken. He notified the police, but for a considerable time no trace of the employe could be found.

Mr. Wolf has come to this city in order to have the young man extradited and brought back to New York. It is said that after he disappeared Macharovsky went to Russia, where his parents live, but returned to this country recently and traveled to Denver, the attraction being a young woman of that city. This led to his arrest.

Death of Robt. M. Barnitz.

YORK, Pa., Aug. 8.—Robert M. Barnitz, who had been in the jewelry business in this city for many years, died Monday last, after a brief illness, aged 50 years.

Mr. Barnitz began business with his father, E. A. Barnitz, and for a time both continued together as Barnitz & Son. In recent years Robert M. Barnitz had been in business under his own name.

The deceased was a practical jeweler and repairer, and was one of the prominent citizens of this city, being held in esteem by a large circle of friends. A widow and six children survive him.

Jewelry, Silverware, Clocks, Watches and Kindred Lines Exported from New York.

WASHINGTON, D. C., Aug. 6.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Basle: 1 case jewelry, $100.
Bombay: 81 packages clocks, $1,475; 7 cases watches, $1,400.
Bremen: 3 packages plated ware, $230.
Calcutta: 71 packages clocks, $1,759; 1 package plated ware, $305; 15 packages clocks, $268; 1 case watches, $175.
Christiania: 8 packages clocks, $112.
Colon: 1 package silverware, $149; 1 case watches, $187.
Demerara: 1 case watches, $105.
Genoa: 2 cases jewelry, $1,000.
Hamburg: 1 case watches, $1,020; 1 package optical goods, $100.
Havana: 7 packages plated ware, $586; 1 case jewelry, $237.
Havre: 2 cases watches, $697.
Liverpool: 29 packages clocks, $798; 1 case jewelry, $500; 3 packages scopes and views, $105; 3 packages optical goods, $475; 1 case jewelry, $500; 2 packages plated ware, $1,340.
London: 52 packages clocks, $1,274; 1 package optical goods, $250; 4 packages plated ware, $202; 15 packages clocks, $340; 9 packages optical goods, $2,249; 2 packages jewelers' findings, $144; 3 packages scopes and views, $727; 3 packages clocks, $154; 25 cases watches, $23,092.
Madras: 6 packages clocks, $103.
Melbourne: 1 package plated ware, $313; 174 packages clocks, $2,983.
Stockholm: 16 packages clocks, $439.
Surinam: 2 cases watches, $132.
Valparaiso: 4 packages clocks, $182; 3 cases watches, $1,005; 2 cases watches, $870.
Vera Cruz: 1 package plated ware, $107.

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DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

Economic Causes for the Steady Advance in Diamonds and Pearls as Given by Well Known Importer.

Ludwig Nissen, of Ludwig Nissen & Co., 184 Broadway, New York, who recently returned from Europe, confirms what other importers have said recently in relation to the firmness of the diamond and pearl markets. Mr. Nissen said that all kinds of fine gems are scarce and prices advancing. He said that in his opinion the prices of diamonds and pearls will continue to advance.

Ten years ago, he recalls, he made a similar prediction at a time when many were incredulous. In giving his reasons for his present prophecy Mr. Nissen said that in diamonds the same amount of labor now will produce only one-fourth of the output that would have been yielded 10 years ago, or, in other words, the cost of labor has increased fourfold in that time. The cost of labor must go still higher, he said, as the diamonds get more and more scarce.

As to pearls, he said, the yield of new gems has been getting less and less in proportion to the demand. The pearl oyster beds are searched more and more thoroughly, while small pearls or seed pearls have been taken in such quantities that there is no longer the old opportunity for large pearls to grow. At the same time, the wealth of the world is enlarging the demand.

As a result of the high prices offered for the gems in this and other countries, Mr. Nissen points out, private owners of pearls have placed them on the market. Eastern potentates have been tempted to part with gems which had been family possessions for years. A large proportion of the supply of the larger pearls that now reaches the market, Mr. Nissen says, is of this character, but he foresees that the time will come when even this source of supply will not be available. The value of the gems depending upon their rarity, and nature's yield being limited, he believes that values will keep ascending.

In relation to the statistics giving the importation of precious stones and pearls, Mr. Nissen is emphatically of the opinion that they do not cover the entire field. He said that in his opinion the actual importation of diamonds and pearls into this country is double the valuation given by the Government. He says that the quantity of gems imported by private persons who in one way or another escape payment of duty is enormous.

The houses on the Rue de la Paix have the reputation of selling jewelry to the value of $30,000,000 to $40,000,000, he says, and it is estimated that more than half of the sales are to Americans. One house is said to sell jewelry valued at $5,000,000. On other streets and all through Paris and in every city of Europe are jewelry houses which sell largely to Americans. A great proportion of the jewelry so bought, he says, gets into this country without any duty, and the problem before the customs officers in preventing this kind of smuggling is serious, while the subject is of much moment to all in the trade.

W. W. Appel, Lancaster, Pa., formerly located in the Wheatland Hotel, has moved to 46 N. Queen St.

San Francisco's Population Increasing, and Trade Conditions Improving.

San Francisco, Cal., Aug. 8.—The jewelry business in this city is still booming, and many of the stores that are now open actually have more trade than can be attended to properly. Of course dealers do not expect this to keep up continually, but at the present time trade is on the increase and shows no sign of diminishing. The advent of several large stores which are just about ready to open will make business easier for all. The Fillmore St. district continues very active, but the chief jewelry stores are now located on Van Ness Ave., which is lined on both sides for almost its entire length by large and fashionable establishments of all kinds. Several commodious hotels have been fitted up of late, and the Saint Francis has built a temporary structure on Union Sq., and has room for about 200 guests.

The tourist trade is light as compared with what it was before the fire, and it will be some time before accommodations can be prepared for those who wish to come here. The most plausible reason given for the unusually heavy business that is being done at the present time is the prosperous condition of the various trades. People who were burned out are now at work. They are making money fast, and the personal effects lost in the fire are being replaced as soon as possible. Wholesale dealers are finding it difficult to supply the demand of the jewelry trade. The drain has been especially heavy because they are not only called upon to furnish goods to take the place of those being sold but are compelled to install initial stocks in the many retail stores springing up all around. To add to the trouble, their quarters are but makeshifts with few conveniences for the rapid handling of business.

The freight situation is very exasperating, and goods shipped by steamship via Panama reach here almost as soon as by the railroads. The country trade is excellent for this time of the year, and about as many traveling men from San Francisco jewelry houses are out as formerly. The country holiday trade is expected to break all records this year, judging from present indications. The population has been increasing rapidly, and crops have been large and very profitable.

Thief's Bold Attempt at Robbery, in St. Louis, Mo., Frustrated.

St. Louis, Mo., Aug. 9.—A thief who recently attempted to steal a tray of diamonds from the jewelry store of the A. J. Wild Jewelry Co., 104 N. 6th St., knocked Arthur Leopold, 16 years old, a clerk, unconscious. The thief escaped from the store when other clerks ran to the assistance of Leopold. The jewels, however, were saved.

The thief came into the store and asked that stick pins of a certain pattern be shown to him. The clerk placed several on the counter, one of the trays containing diamond pins. The man asked to see others, and as Leopold reached over to get more trays the stranger drew a "billy" from his pocket and struck the clerk on the head. His courage failed him, and he turned and ran, escaping in the crowd.

Leopold was taken to a physician and revived, and then sent to his home, 4335 Clayton Ave. The would-be thief was about 25 years old. He was dressed in a neat blue suit. A tray of diamonds was overturned, but none was lost.

New York Importer's Opinion as to Operation of the Law Governing the Granting of Drawbacks.

In the current number of the Treasury Department's Bulletin is a communication from the assistant secretary of the department to the Surveyor of the Port of Cincinnati in relation to an application of D. Gruen Sons & Co. for a "drawback" on imported movements which were afterward shipped out of the country. In accordance with the regulations and prior decisions a drawback equal to 99 per cent. of the duty paid at importation on such imported movements is allowed. The general regulation applies to watches and parts of watches manufactured wholly or in part in this country.

A customs officer at New York said that there is nothing exceptional in the granting of the drawback, but that on each application for a drawback the department issues a formal letter. By getting the drawbacks, he said, the importer of foreign movements has an opportunity to place them in American cases and then compete in export trade, Mexico and South America being especially attractive fields for such enterprise.

Leon Hirsch, 37 Maiden Lane, who imports watch movements and is also head of a company which has a gold case factory at Newark, N. J., was asked if, in his opinion, the exportation of foreign movements in American cases is increasing. He said that he has occasionally a transaction of this kind, but unless the foreign order calls for a considerable number of watches it scarcely pays to undertake the expense and trouble involved in getting the drawback.

The procedure requires the employment of a custom house broker and an exact compliance with regulations, so that on small orders, Mr. Hirsch said, there would be little or no profit and most men would not desire the business. Men who are in the general export business sometimes make a shipment and get the drawback, and various jobbers have sold watches to other countries according to the same plan.

Most of the foreign movements that are re-exported, Mr. Hirsch believes, are placed in filled and silver cases, but some go out in gold cases. He said that such shipments have been made not only to other countries on this continent but also once in a while to Europe, even to Switzerland.

If the expense and trouble of getting drawbacks were minimized, Mr. Hirsch said, the foreign trade of this port might grow.

The Johnson Jewelry Co., Colorado Springs, Colo., recently discovered the loss of a $200 diamond, for which a paste stone had been substituted, presumably by a tall, stylishly dressed blonde woman about 35 years of age. The woman had posed as a visitor to the city and made several inspections of diamonds in the store.

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Current Stories of a Diamond Yielding Island Off Coast of Africa Declared to be False.

In relation to the story going the rounds of the daily press about the alleged fertile diamond fields of an island off the coast of Africa the following from a recent issue of *South Africa*, Cape Town, is of interest indicating that the talc is not credited in that part of the world:

"The *Daily Express* is responsible for a story of the formation of a diamond mining syndicate, in which William Griffith, 'at one time an official of the De Beers Syndicate,' is stated to be a moving spirit. Mr. Griffith is reported to have met at Capetown in 1897 a Mr. R. Jones, a master mariner trading between Cardiff and the Cape. Mr. Jones told Mr. Griffith a wonderful story of an island off the coast of Africa where there were to be found diamonds galore, and produced specimens of the stones. Mr. Griffith, who claims to be expert enough to tell stones from any part of the world, declares that those shown by Mr. Jones did not come from any known diamond mines, and were of the value of £15,000. At Cape Town Capt. Jones fell ill and died, but before his death made over his property to Mr. Williams, a chemist, with whom he was staying. He also gave Mr. Griffith a map which would enable him to locate the island.

"For some unspecified reason Mr. Griffith has not, up to the present, taken any steps to find the island, which, it is stated, is clearly marked on the Admiralty charts. Now, according to our contemporary, a syndicate has been formed with a capital of £25,000 in £1 shares, and the directors propose eventually to float a great mining corporation to develop the property when discovered.

"The foregoing reads very much like the kind of nightmare one might have after reading, say, 'Frenzied Finance' and 'Treasure Island.' Need we say that there is no such thing as 'The De Beers Syndicate,' and that the De Beers Company has no knowledge of a Mr. William Griffith?"

Federal Census Statistics as to Jewelry Business of Minnesota and Kentucky.

The Federal Census Bureau has issued a report of the condition of the jewelry industry in Minnesota and Kentucky. The figures follow:

	Minnesota.	*Kentucky.*
Number of establishments	9	7
Total capital	$63,774	$23,843
Machinery and tools	$25,931	$9,000
Cash and sundries	$37,843	$14,843
Number of proprietors	10	10
Number of salaried clerks	10	2
Their salaries	$7,057	$590
Wage earners	75	42
Their wages	$47,196	$21,052
Men over 16 employed	71	36
Their wages	$46,254	$19,954
Women over 16 employed	4	3
Their wages	$942	$750
Rent of works	$4,368	$2,040
Taxes	$178	$74
Rent of offices and interest	$3,839	$3,676
Cost of principal materials	$51,774	$49,669
Fuel and rent of power and heat	$1,684	$756
Value of product	$151,473	$98,301

The death is reported of William Mosbacher, Wichita, Kans.

National Monthly Import and Export Statistics.

WASHINGTON, D. C., Aug. 8.—The records of the Treasury Department contain the following comparative statistics, of interest to the jewelry trade, for June, 1905 and 1906, and for the 12 months ending June, 1906.

IMPORTS.

	June, 1905.	*June*, 1906.	12 *Months Ending*—*June*, 1905.	12 *Months Ending*—*June*, 1906.
Clocks and parts of	$29,460	$31,587	$486,765	$539,793
Watches, materials and movements	195,500	169,889	2,479,730	2,565,343
Diamonds, glaziers' diamonds, etc., uncut, and watch jewels (free)	806,328	630,546	10,390,917	10,579,654
Diamonds, n. e. s., not set (dutiable)	1,668,817	2,239,439	17,019,530	24,282,897
Diamond dust or bort (free)	13,306	3,435	447,575	133,752
Precious stones, rough or uncut (free)	2,227	8,883	278,783	126,047
Precious stones and pearls, not set	732,845	486,090	5,624,515	5,258,412
Jewelry and manufactures of gold and silver	80,986	113,379	1,303,838	1,739,953
EXPORTS OF DOMESTIC MERCHANDISE.				
Clocks and parts	$95,370	$117,988	$1,192,246	$1,304,451
Watches and parts	80,382	139,289	1,124,168	1,293,990
Jewelry and manufactures of gold and silver	116,115	113,948	1,419,225	1,763,470
Plated ware	49,301	61,155	703,783	842,256
EXPORTS OF FOREIGN MERCHANDISE.				
Clocks and parts	$147	$472	$1,942	$1,396
Watches, materials and movements	25	.....	15,960	3,916
Diamonds, rough, including miners', glaziers', etc.	.....	.....	185	2,954
Diamonds, n. e. s. (dutiable)	.....	.....	1,282	21,266
Other precious stones, rough or uncut (free)	.....	.....	.....	217
Other precious stones, cut but not set	286,559	3,984	622,735	8,450
Jewelry and manufactures of gold and silver	498	4,384	33,633	10,194

The Diamond Markets.

PARIS, Aug. 2.—The diamond trade here has been rather inactive this month, notwithstanding the presence of several foreign buyers. The weather is favorable, but owing to the heat several merchants have left for the seashore.

A new firm was opened under the name of Emile Van Praag & Co., 14, rue Milton. Emile Van Praag has admitted as a partner his son Joseph Van Praag, and the concern will import pearls and colored stones. They have a branch at Bombay.

Henri & Emile Mayer, 43, rue de Chateaudun, have had their charter renewed for a period of 20 years, until July, 1926.

The strike between the diamond cutters and their employers has been concluded with a victory for the employers.

ANTWERP, Aug. 2.—Owing to the vacation season, business is not very brisk, but about the beginning of next month it is believed trade will become better. Some sales were made to Italian buyers in brown six faces at the price of about 30 francs per carat, but the profits were not large on these goods. There is always a large demand for good mêlées, but they are scarce now.

The possibility of the removal of the diamond factories to the small localities around Antwerp becomes greater and greater. Every month new diamond shops of 10 to 15 mills are being opened, and workmen are easily found. The men who made only 15 francs a week are glad to get from 30 and 40 francs a week at Antwerp. But this salary represents only half of the salary of an Antwerp workman, so that there is an enormous profit for these factory owners. These shops are not very important owing to the dearth of good cutters, but they can easily manufacture three and six faces, which are not difficult to cut.

The offices of Kok & Co. are now at 40 Avenue des Arts.

The following foreign buyers have been at Antwerp during the past fortnight: Mr. Bellak, Vienna; Mr. H. Strauss, Hanau; Messrs. B. Rapoport, M. Slabotsky, J. Hekster, Founes, Tehernousky, Eknayan, De Haan, L. Strauss, Woelfling, May, Nariman, Gewek, Paris; Messrs. Matalam and Kaikati, Beyreuth; Mr. Müller, Nuremberg; Messrs. Mendelsohn, Robinson, Infeld, London; California Jewelry Co., San Francisco; Messrs. Siebenberg, Pines, Wechter, N. Rapoport, Warsaw; Messrs. Singer and Tschoulok, Karkow; Mr. Nelken, Madrid; Mr. Krager, Berlin; Mr. Schmidt, Milan; Messrs. Hirschberg, Bayler, and Sherman, New York; Mr. Basile Hadjis, Athens; Mr. Van Gulk, Gach; Mr. Dzymedjian, Le Caire; Mr. Monnossohn, Moscow.

AMSTERDAM, Aug. 1.—Business is comparatively good here for the vacation season. Several foreign buyers have been here and others have announced their intention of coming.

A new firm has been established under the name of H. J. Rudelsheim, for the cutting and sale of diamonds.

Mr. Reepmaker, Bergen, has been admitted in the firm of Van Opstal & Uriot.

A new establishment was opened in Nieuwestraat recently, at Hilversum, with 54 mills for Gebr. Lodden & Co.

For some time past there has been a gradual advance in the price of small, rough goods, especially on flat goods.

Jewel Miller, daughter of Richard Miller, McPherson, Kans., was recently married to Geo. E. Bowen.

Burglars recently broke into the store of D. A. Reid, Martinez, Cal., and carried off miscellaneous jewelry and cash amounting in all to about $300. Entrance was gained to the building by cutting away a wire screen in the rear window. The loot included 25 gold and silver watches, 36 gold set rings and $165 in money.

Barnett Goldberry and Waldo Gardner, Vincennes, Ind., became involved in a dispute over the purchase of a pearl which had been offered for sale at auction recently, and finally indulged in blows. The pair were arrested on a charge of assault and battery, each paying a fine of $10.50 on that charge, as filed by the other.

SEND TO US ANY QUANTITY OF

AMERICAN PEARLS

WE BUY FOR CASH.

Send by registered mail or express; we will make an offer by return mail. We will also buy any quantity of

BAROQUE PEARLS (SLUGS).

BUNDE & UPMEYER CO.,

Mack Block, MILWAUKEE, WIS.

WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

Importers and Cutters of

DIAMONDS,

65 Nassau Street, Corner John, NEW YORK.

LONDON, Audrey House, Ely Place. AMSTERDAM, 6 Tulp Straat.

Statement Sent to Stockholders of the Simeon L. & Geo. H. Rogers Co. as to Passing of Dividends.

Stockholders of the Simeon L. & George H. Rogers Co., manufacturers of silver plated ware, with New York offices at 16 John St. and a factory at Hartford, Conn., received, last week, a statement of a reassuring character with reference to the passing of the April and July quarterly dividends. The company immediately after its organization, five years ago, began to pay 10 per cent. annual dividends, and after three years reduced the dividends to eight per cent. No dividends were passed until April.

The explanation of the passing of the dividends is that there had been lax bookkeeping methods, and pending a readjustment of the system of keeping the books a conservative course seemed wise.

Following is a copy of the circular:

Jan. 1, 1906, we discovered that our bookkeeping department had been run in a decidedly lax manner, and an examination revealed the fact that our books were in such a muddled condition that it would take a long time to straighten them out; this, in conjunction with the fact that prices of materials of all kinds used in the manufacture of our product had advanced during the year of 1905, and our inability to make a corresponding advance on our goods at that time, compelled us, in view of these facts, to pass the company dividends for six months at least.

We have just completed our inventory on the first six months' business for 1906, and take pleasure in handing you herewith a statement of the business for these six months, which, by the way, are the poorest months in our business; the coming months are those in which the bulk of our business is done.

You will note that the company has made a handsome showing, with every prospect of a fine Fall and Winter trade, and, with a constantly increasing sale of our product, we are in hopes of being able to resume the payment of dividends in the near future.

It has come to our attention that certain statements have been made at different times concerning this company that are untrue, and in touching on this point we merely desire to state to each stockholder that we will be pleased at any time to furnish any information possible regarding the condition of the affairs of this company.

A financial statement, showing assets and liabilities under date of July 1, was also sent out, the figures being as follows:

Assets.—Cash, $3,490; notes receivable, $6,023; accounts receivable, $56,198; merchandise, $148,396; real estate, $40,086; tools and machinery, $81,915; insurance $1,008; furniture and fixtures, $3,007; suspense, $1,627; total, $341,750.

Liabilities.—Capital stock, $224,200; accounts payable, $31,512; notes payable, $67,768; loss and gain, $18,270; total, $341,750.

Involuntary Petition in Bankruptcy Filed Against Alfred Mayer & Co.

PHILADELPHIA, Pa., Aug. 10.—Alfred Mayer, trading as Alfred Mayer & Co., has been adjudged an involuntary bankrupt in the United States Court here. A statement of assets and liabilities has not yet been made, but is expected this week. Theodore M. Etting has been appointed referee in bankruptcy.

A large watch sign in front of the store of J. H. Wright, Corry, Pa., fell from its fastenings during an electric storm a short time ago and severely injured Thomas Shannon, the sign having struck him upon the head.

Arrest of Three Men in the Wineburgh Diamond Robbery Case.

UTICA, N. Y., Aug. 10.—John Reedie, of Buffalo, one of the four men under arrest here for the Wineburgh diamond robbery, was discharged in police court to-day, District Attorney Willis consenting to his release, as there was not sufficient evidence to connect him with the diamond robbery. Reedie was the man who, it was believed, stood on guard at the Wineburgh store door and interrupted the approach of young Dunn, the errand boy.

Thomas Hayes, who was arrested in Brockport, N. Y., with Reedie, was held for examination on Aug. 15. He is believed to be the "tall man" who lifted the diamond tray out of the Wineburgh show case, and three witnesses from Rome positively identified him as a member of the trio which reached there about two hours after the robbery. The other two men were Bliss and Young, who were arrested near Rome. A saloonkeeper named Uvanni identified Hayes, who it was claimed was in Uvanni's saloon the afternoon of the robbery and asked for cigarettes. He started to go out the front store, but seeing a police officer, retraced his steps and made his escape through a rear door. He was captured a few days later with Reedie and several alleged pickpockets at a fireman's convention at Brockport. Hayes' brother is here from Cleveland, and he has retained J. A. Goldstone to defend him. Hayes claims that he never had anything to do with Bliss and Young.

As far as can be learned J. Wineburgh & Sons have received no trace of the missing diamonds, and it is believed that the recovery of the gems is doubtful. There is every reason to believe that the police have the three principals in the diamond robbery, and that the only missing one is the young fellow who stood on guard at the door while Bliss and Young worked the clerks and the third man robbed the diamond case. Moses Holstein, a railroad detective who arrested Hayes and Reedie, said he could recover the stolen jewels, but the railroad sleuth has failed to make good.

Burglars Smash Show Window and Rob Jewelry Store Close to Brooklyn Police Station.

Burglars broke a side light in the show window in the store of Henry Knickman, 2753 Atlantic Ave., Brooklyn, Thursday night of last week and stole jewelry and watches valued at $118. It is Mr. Knickman's practice to place his more valuable stock in his safe when he closes his store at night, but for advertising purposes he allows a quantity of filled rings with imitation stones to remain in the show window. These were the articles which tempted the thieves. A paving stone wrapped in a flannel cloth was hurled through the window and was found inside when Mr. Knickman opened the store Friday morning.

It is supposed that the stone was thrown while a line of freight cars was passing on the Long Island Railroad, the noise of the train drowning that of the burglar's operation. The thief evidently thrust his hand through the hole in the glass and took out the tray of rings, several dozen in all, and also took several Ansonia watches and four cheap clocks.

The Liberty Ave. police station is only a short distance away from the jewelry store, and the police patrol the block in which the store is located at frequent intervals during the night. The burglary, however, was not discovered until Mr. Knickman opened the store the next morning.

Geo. H. Robinson Stays, by an Injunction, Sale of Silverware Companies.

PROVIDENCE, R. I., Aug. 13.—The sale by the Gorham Mfg. Co. of the several affiliated companies did not take place Saturday, as advertised, George H. Robinson, the former vice-president, having intervened with an order staying the sale.

This was the second occasion on which he interfered with the plans of the majority stockholders. A few weeks ago when they proposed to transfer the shares in the affiliated companies to the Silversmiths Co. of New York he quickly obtained an injunction. The majority stockholders then decided to sell the shares at auction, and to this plan he also now interposes legal obstacles.

Owing to the unexpected turn of affairs, there were very few persons present at the offices of the company at the time advertised for the sale. When Auctioneer George H. Burnham read the public announcement there were present Richard B. Comstock, the attorney for the company; Edward Holbrook, president of the company; E. Frank Aldrich, the superintendent, and an outsider, unknown to any of the members. After reading the conditions, Mr. Burnham said that the sale would be adjourned to Aug. 25. This ended the proceedings for the time.

Mr. Comstock issued the following explanation of the adjournment of the sale:

"The reason for the adjournment is because George H. Robinson, a stockholder of this company, has brought an action in the Supreme Court of the State of New York, for New York County, against the Gorham Mfg. Co., and its directors, in which action he has obtained from a justice of said court an order staying the sale until the further order of the court."

Mr. Comstock said that he had received no formal notice of the action of the New York Court, but that he had been informed of Mr. Robinson's movement by New York attorneys.

Whether the sale will be held at the adjourned date is a matter of doubt and will not be known until it is learned what disposition the New York Court will make of the case.

It was learned in New York that Mr. Robinson bases his new suit on grounds similar to those of his prior action. He claims that his rights as a minority stockholder would suffer if the sale were permitted. When the plan of selling the several companies was proposed Mr. Robinson cast 3,000 votes in opposition, but the affirmative vote was upward of 43,000.

Justice McLean is to hear at New York some day this week arguments on the question of vacating Mr. Robinson's injunction.

J. F. Clark has sold his business in Abilene, Tex., to the West Texas Jewelry Co.

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds
Other Precious Stones, and
Pearls, Diamond Jewelry

1840, Randel & Baremore; 1866, Randel, Baremore & Co.; 1880, Randel, Baremore & Billings; 1897, Chester Billings & Son

New York, 58 Nassau Street, 29 Maiden Lane
London: 22 Holborn Viaduct, E. C Paris: 53 Rue de Chateaudun
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NOW READY

New and Attractive Line of

BRACELETS
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PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

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My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

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Everyone knows that I pay more for

AMERICAN PEARLS

than any other firm.

Maurice Brower

12-16 John St., New York

Telephone, 6233 Cortlandt

Philadelphia.

J. Burroughs Robertson, of M. Sickles & Sons, is spending a vacation at Atlantic City.

J. H. Quinn, watchmaker, accepted last week a position with T. C. Kremer, Phoenixville, Pa.

J. B. Bechtel, of J. B. Bechtel & Co., returned, Monday, from a trip through the Lehigh and Schuylkill valleys.

Wm. C. Williams, with C. H. O'Bryon, 735 Sansom St., is spending a vacation yachting and fishing at Avalon, N. J.

C. G. Markley, watchmaker, formerly with G. C. Child, accepted a position last week with T. S. Smedley & Son, Camden, N. Y.

E. J. Allen, Seaford, Del., and a prominent retailer for that section of the State, was a visitor to this city on business last week.

Charles Beerhalter, 2641 N. 5th St., contemplates making improvements in his establishment in anticipation of a good season's business.

Clarence Beitel, watchmaker, has resigned his position with George K. Ware, Atlantic City, N. J., to enter the watch department of Strawbridge & Clothier.

Mr. Harper, of Harper & Taylor, Salisbury, Md., stopped off in this city last week on his way home from Lancaster, where he had gone in search of watchmakers.

Roy Humbert, with Alfred Humbert & Son, manufacturers of gold rings, has departed on a pleasure trip through the Thousand Islands, Lake George and Canada.

Thomas J. Campbell, representing the Koshland & Italie Co., has returned from an extensive trip through the State, and according to his reports business is exceptionally good and a record-breaking Fall trade is assured.

M. Sickles & Sons added last week to their staff of traveling representatives J. M. Kellar, formerly with M. J. Averbeck, New York. Mr. Kellar will cover part of New York State, Pennsylvania, West Virginia and Virginia in the interests of his new employers.

Sympathy and regret were expressed by the trade of this city last week upon the sudden death of John Von Boston, of apoplexy, while on a train bound to Kansas City. Mr. Von Boston had been widely known here while canvassing the jewelry trade for a North Attleboro house, and had many friends here.

A middle-aged man hurled a cobblestone through the window of C. A. Longstreth's store at 228 Market St., took out a package of optical goods, and waited for a policeman to arrest him. "I broke the window," he said, "because I wanted to be locked up. I have no place to go, and in prison I won't starve." He was held for court under $600 bail.

Commuters in the trade these August days to Atlantic City, N. J., include: Wm. G. Carle, Abe Sickles, Henry J. Andrews, Charles Dean, A. J. Le Jambre and Archie Rutherford. Wm. C. Robertson pays weekly visits to the resort. J. Warner Hutchins spends much of the time in the fashionable Chelsea section, where he is largely interested in real estate development.

Former Councilman William C. Eichenberger, of the 19th Ward, is a candidate for the Republican nomination for the Legislature in that district. Mr. Eichenberger is making his own canvass for the nomination, and is personally soliciting the support of the active Republican workers of the 44 divisions of the ward. He is engaged in the jewelry business with his brother under the name of W. C. & J. H. Eichenberger.

Confronted by his former friend, Joseph H. Deschamps, manufacturing jeweler at 7th and Chestnut Sts., Simon Reece, who robbed him of $1,902 worth of diamonds and then fled to London, where he was apprehended and extradited, as reported in the last issue of THE CIRCULAR-WEEKLY, confessed to the theft last week in the Criminal Court. The judge deferred sentence in order to afford Reece an opportunity to make restitution, which he has promised to do.

One of the pioneer engravers of this city, but who has not been actively engaged in business for 20 years, died last week, aged 90 years. He was William Hance MacDowell, and lived at 2018 Race St. He was born in this city and apprenticed as an engraver. He began his business career while a young man, and continued as an engraver for 70 years. Only on account of failing eyesight did he determine to retire. All of the family of which he was a member lived to ripe old ages, and Mr. MacDowell is survived by five children.

John H. Royer, a diamond dealer, who transacts business from his home, 3628 N. 13th St., either lost or had stolen from him Tuesday of last week, $1,800 worth of diamonds. Mr. Royer had them in papers in a wallet in his back pocket while attending a professional baseball game. Besides having his name stamped on the papers wrapping the diamonds he had other means of identification, such as a note for $300 from the purchaser of one diamond, etc. Hoping that he had lost the wallet and that it has not been pilfered from him, Mr. Royer has offered a reward for its return of $300. Mr. Royer is quite well known to the Sansom St. trade.

Louis J. Halbert, accused of stealing thousands of dollars' worth of jewelry from prominent families with whom he secured employment as butler, is in jail in Norristown awaiting trial, and Howard Sawyer, alleged to have been his accessory, is under arrest in Chicago awaiting extradition to this city. The crime for which Halbert has been arrested and held is that of robbing the home of J. Lowber Welsh, the financier, who died about two years ago, and who promoted and financed the companies now amalgamated with the Keystone Watch Case Co. Most of the pieces which Halbert is alleged to have stolen were purchased from J. E. Caldwell & Co., Bailey, Banks & Biddle Co. and from fashionable retailers in New York. Upon Halbert's arrest last week in Chicago and his extradition to this city, Pinkerton detectives who had shadowed the thief reported that nearly all the pieces of jewelry stolen had been recovered from pawnshops throughout the country.

The H. M. Stevenson Jewelry Co., Escanaba, Mich., has been incorporated as the H. M. Stevenson Co. It will deal in jewelry, precious stones, etc.

Buffalo, N. Y.

Three new watchmakers have recently been put to work by the Freeman Jewelry Co., 84 Seneca St.

W. D. Werner, Grand Rapids, Mich., jeweler, and J. R. Graves, retailer, of Corry, Pa., spent several days in Buffalo last week.

R. F. Pickert, manager of the Freeman Jewelry Co.'s store at 84 Seneca St., accompanied by Mrs. Pickert, are spending a month in West Moreland, N. H.

Paul Westfall, new traveling representative for King, Raichle & King, wholesale jewelers, went to Ohio last week. A. F. King is visiting the Ohio trade this week. The firm is sending maps of the various States of the Union to their customers. They are handsomely engaved.

Paul Kinney, of East Aurora, son of Jireh Kinney, 92 Seneca St., is still in a serious condition, and his affliction baffles the Buffalo brain specialists. The young man fell off a bicycle on July 9th and has spoken only a word or two since. Most of the time he is asleep.

Extensive improvements in its jewelry department will be made by the Wm. Hengerer Co. next month. The silverware department will be enlarged so as to occupy a space 80 x 20 feet. This will be stocked with a large assortment of silverware, which Manager T. C. Bunch will purchase in New York City this week. Mr. Bunch went to the metropolis Sunday night.

The branch jewelry store of Present & Co., at 444 Main St., is undergoing alterations, which will make it one of the finest establishments of its kind in western New York. An extension is being made to the rear of the store. A new front is being built, and fixtures of the most modern sort are being installed. Max Lowenthal, who was in the Buffalo store during all of July and part of August, has again gone on the road for the Rochester house.

Frank Sutherland, watchmaker and former employe of the Freeman Jewelry Co., who established a jewelry store at 121 Broadway several weeks ago, and then married a widow of Spain, was locked up at the County Jail here, the specific charge being that he disposed of valuable tools on which there was a chattel mortgage. Mr. Sutherland had given out the word that he was going to Asheville, N. C. He was arrested before he could get ready to start, but was released on bail.

Mrs. Paul Foerster, wife of the retailer at 134 Seneca St., whose store was robbed of $3,000 worth of diamonds several months ago, is very ill with a nervous disorder in the Buffalo General Hospital. About two months ago she went to the country and her health was apparently vastly improved. A few days ago she became violently ill, and her condition alarms her family. Mrs. Foerster's sickness is attributed to worry over the fact that the lost diamonds were stolen from a tray which she had taken from a case. Walter Harrington, who pleaded guilty to stealing the tray of diamonds, is still out on bail. Mr. Foerster fears Harrington will not be sentenced for the crime. Harrington is a nephew of the photographer of the police department.

Herman A. Blum, Yonkers, N. Y., has gone out of business.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS.

Precious Stones and Pearls.

170 Broadway, Corner Maiden Lane, **New York.**

27 Holborn Viaduct, London.

Saunders, Meurer & Co. Cutters and Importers of

DIAMONDS AND OTHER PRECIOUS STONES

FINE PEARLS A SPECIALTY.

65 Nassau St., cor. John St., Prescott Building, Telephone, 1613 Cortland. NEW YORK.

Chas. L. Power & Co., Cutters and Importers,

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AND OTHER PRECIOUS STONES,

170 Broadway, corner Maiden Lane, NEW YORK.

27 Holborn Viaduct, London.

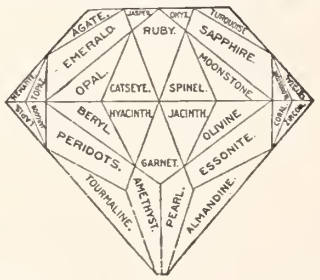
GOODFRIEND BROS.,

IMPORTERS AND CUTTERS OF PRECIOUS AND IMITATION STONES.

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Rubies

Sapphires



Tourmalines

Gem Corals

Opals

Emeralds

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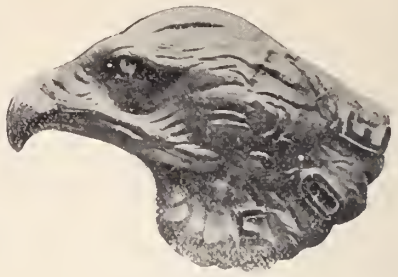
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"GEMFINDER"

5 SQUARE de l'OPÉRA, PARIS, FRANCE

Extends to the trade a cordial invitation to make his office their headquarters when visiting Europe for the purchase of Precious Stones.

In order that his customers may enjoy the favorable opportunities that arise when they are not in the market, "Gemfinder" will, on his own account, pick up any desirable goods obtainable in European markets at attractive prices. His customers shall have the benefit of his expert selections at a mere commission above the purchase prices.



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An Insignia for "Eagles"

portraying the required symbolism of the Order in the clever craftsmanship of the goldsmith.

For uniqueness as well as symbolic virtue, it is only equalled by the famous elk-head emblem of the B.P.O.E.

Made in three sizes of **lapel buttons,** solid gold with or without initials. Ruby jewel eyes.

Certainly! Samples will be submitted gladly—write today.

LOUIS KAUFMAN & CO.

RINGMAKERS

82-84 Fulton St., New York

Rochester.

About 250 persons attended the annual picnic of Bastian Bros.' employes at Seneca Point, on Aug. 4. There was an interesting and well arranged programme of athletic sports.

The annual outing of the Rochester Commercial Travelers' Mutual Benefit Association and the United Commercial Travelers was held at Sea Breeze on Aug. 4. Over 900 persons were present and the day was passed in playing ball and other athletic events.

Ellery A. Handy is now established in his new quarters on State St., where handsome new mahogany fixtures and show cases greet the eye of the customer on entering. In the front of the store and directly back of the snow window is the office and workroom, also done in mahogany. During the opening week Mr. Handy gave a pretty souvenir in the shape of a nail file to all visitors to his store.

J. H. Hooper, who some weeks ago secured a valuable diamond ring from Henry Oemisch on a forged check, was arrested a few days ago in Philadelphia and brought to this city. The ring was valued at $325 and the check which was tendered in payment was accepted without question at the bank. It was not until Mr. McRae, whose name was signed to the check, had his attention called to it that the forgery was discovered.

Workmen are now busy with alterations to the store of Henry Oemisch. Recently Mr. Oemisch leased the store adjoining his place of business, and when the alterations are complete he will have the largest jewelry establishment in the city. The new part runs across the back of the old place and has an entrance on Main St. and East Ave. When completed the entrances will be arranged on the corner, one for Main St. and one for East Ave.

The meeting of the retail jewelers of this city, which was to have been held at the Rochester Club, Aug. 7, for the purpose of forming a local organization, was postponed indefinitely. The cause of postponement, it is said, is not lack of interest in the movement, but rather a press of business, which has rendered it impossible to arrange plans to warrant calling a meeting. Charles Sunderlin and E. J. Scheer, who were appointed a committee to interview the local jewelers, have not been able to complete their work, but have found all those whom they have seen favorable to the movement. The object of the association, if formed, will be largely social, it being purposed to better the relations existing among the jewelers. Mr. Scheer stated that he did not know just when a meeting might be called, but said that there would probably be developments within a few weeks.

The store of L. M. McKinstry, Toledo, O., was robbed recently by a thief who broke the show window and succeeded in getting away with two watches valued at $10 and $12. The Cresege & Wilson store, 311 Summit St., in the same town, was also robbed about the same time by boys who got in through a rear window.

Pittsburg.

E. Wilson Laufer, with Gillespie Bros., is on a two weeks' vacation, which he is spending in making short trips through this section of the country.

Ida Qualls, a negress of Bedford Ave., was arrested by the Central District police in connection with the theft of $500 worth of silverware from a downtown general store's jewelry department. Part of the missing goods have been recovered and other arrests are expected to follow.

John Trexler, Allegheny, was arrested by the police of the Penn Ave. district a few days ago, upon complaint of Mrs. Paul Friedman, the wife of a jeweler at 2810 Penn Ave. Trexler is alleged to have purchased some goods at the jeweler's and tendered a check for $17.50, which is alleged to be worthless.

The suit of Alexander D. Munn against former Mayor William B. Hays, Edward M. Bigelow, former director of the department of public safety, John E. Gable, former clerk to the Mayor, P. S. Egan and W. L. McIlwain is attracting considerable attention among the jewelers of this city and vicinity. Munn is a jeweler in the Lawrenceville district, and in the statement he filed against the above-named defendants he charges that he was not paid for a large number of diamonds which were offered as prizes in the athletic contests of the Fourth of July celebration of 1904, when the above-mentioned officials, he says, were in charge, and the three last-named defendants were in charge of the sports on the programme. The amount involved aggregates several hundred dollars. The two former officials have denied that they had anything to do with the celebration outside of the fireworks display, while Gable in his affidavit of defense denies that he had anything to do with soliciting or receiving subscriptions, and, as he was but a clerk to the Mayor, never had the authority either from Hays or Bigelow to expend any funds, and denies any connection directly or indirectly with the purchase of the diamonds from Munn. Owing to the large amount of business before the local courts, the case will not be reached for trial for quite a long time.

Lancaster, Pa.

Frank Z. Parker has just started for an extended tour of the west on business.

Parke Donovan has returned from a four weeks' trip to his old home, Syracuse, N. Y.

Miss Lila Burkholder, bookkeeper for S. Kurtz Zook, is off on a two weeks' trip.

H. S. Meiskey, of the H. S. Meiskey Co., is home from an automobile trip with a party of friends.

George R. Weber, of Louis Weber & Son, with his wife, is spending a couple of weeks at Atlantic City, N. J.

Miss Florence Kern, of the staff of the H. S. Meiskey Co., is home from a two weeks' vacation trip to Lebanon, Pa.

E. J. Wissler, with Charles N. Hancher, Wheeling, W. Va., who has been here visiting his mother, has returned to Wheeling.

Harry Weeber's jewelry store was the Mecca of the Knights of Pythias last week, being headquarters for tickets for the big county reunion at Lititz.

Percy Appel, who has been on the sick list, having been threatened with typhoid fever, has returned again to his place in the store of his father, W. W. Appel.

W. W. Appel last week offered "Elsa," an attraction at the Woolworth Roof Garden, a gold watch if she could tell its number by her art, and she won the prize, as she claimed by "second sight."

H. W. Detterline, of the Non-Retailing Co., of Lancaster, has gone to Niagara Falls and Buffalo on a vacation trip. Charles E. Foose, a traveling representative for this company, is spending a week at Atlantic City.

Among the out-of-town jewelers not elsewhere mentioned, who lately visited Lancaster, were: S. H. Miller, Mt. Joy, who has recovered from his recent illness; Jacob Fisher, Eliabethtown, and J. A. Smith, Mechanicsburg.

James R. Bowers, of Cleveland, O., last week visited Lancaster, where he learned his trade 29 years ago. It was his first visit in a score of years, and a party of old friends entertained him Wednesday evening, Aug. 8, with a dinner at the Stevens House.

Clayton Smith, of Philippi, W. Va., who has been a student at the Ezra F. Bowman Technical School, has returned home to open a repairing shop. George Young, Washington, D. C., has entered the school's engraving department. J. F. Murdoch, of Pittsburg, visited the school last week, preparatory to becoming a student.

T. Wilson Dubbs has on exhibition in his window the newly modeled pin of the Stevens High School. It is of gold, the center a head of Thaddeus Stevens, with the motto, "Veritas Vincit" above it, and all encircled by an enameled band, bearing the inscription, "Stevens High School." John S. Reitschy, watchmaker for Mr. Dubbs, is off on his vacation trip.

Detroit.

Petz & Thiry have on exhibition the $500 gold brick won by the Detroit Elks at the Denver convention.

Traub Bros. & Co. were, last week, awarded the contract for furnishing the local public schools with clocks.

Richard J. Bolt, Bay City, last week sold a diamond to a Woodward Ave. jeweler for $100. It was valued at $550. Later Bolt was arrested on suspicion in a pawnshop, and nearly $2,000 worth of diamonds and jewelry, stolen from Mrs. George Handy, of Bay City, were recovered.

Edward R. Roehm and Robert J. F. Roehm, composing the firm of Roehm & Son, 184-186 Woodward Ave., have dissolved a partnership which lasted almost 20 years. Edward R. Roehm will have charge of the fraternity badge business, which, under his direction, has grown into a profitable branch of the business. He has removed the equipment to the fourth floor of the brick building, 16 John R. St., and will be ready to fill orders in a few days. The firm of Roehm & Son will be continued under the old name by R. J. F. Roehm. This concern has been in continuous existence here for over 50 years.

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GILBERT T. WOODHULL, Treasurer.
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New Orleans, La.

L. Fishel, of 632 Canal St., is preparing to move his establishment in the Fall to 129 Carondelet St. Mr. Fishel purposes to make his new quarters a handsome, modern and thoroughly equipped store.

T. Hausmann & Sons will make many alterations in their big Poydras St. establishment before the opening of the Fall trade, and vast improvements will also be made in their factory department.

W. Van Weinfurter and Miss Weinfurter, son and daughter of J. Julius Weinfurter, of the Weinfurter Jewelry Palace, are making an enjoyable tour of the north. Last week Mr. Weinfurter and his sister spent several days in Washington, and from the Capital city went to Philadelphia. Before returning home they will visit New York, Boston and Niagara Falls.

The Weinfurter Jewelry Palace has been visited by thieves twice within a year, and J. Julius Weinfurter, tired of being made the victim of housebreakers, has put up some protections which he thinks will baffle all future attempts upon the part of robbers. When burglars visited Mr. Weinfurter's place a fortnight ago, they broke the glass of a side window on Beinville St., the only vulnerable spot, and crawled through the aperture. A few days ago Mr. Weinfurter replaced the glass and reinforced it with a strong section of iron cross-bar work. "It may be a case of shutting the stable after the horse is stolen," the jeweler remarked, "but there are other horses in the stable."

Columbus, O.

Arthur Babcock, charged with robbing the store of Stonebrook & Jesse, New Comerstown, May 23, who escaped from the county jail, July 9, and who was subsequently captured in Windsor, Can., will shortly be brought back to this State to stand trial. Sheriff Marlow, who went after Babcock, believes that the accused will return without extradition papers.

W. H. Auld, of the D. L. Auld Co., manufacturing jewelers, of this city, rescued Miss Josephine Tagg, 16 years of age, from death in the lake at Beulah Park, last Thursday. Miss Tagg, with two sisters, was bathing in the lake, and when far out of the usual path of swimmers was attacked with cramps. Mr. Auld, walking along the beach, saw her and at once realized that prompt action was necessary. Without removing any of his clothing he plunged in and reached the girl just in time to save her. When brought to shore she was unconscious, and considerable work was necessary to revive her. Mr. Auld lost a pocketbook containing $75 while making the rescue, but said he was fully compensated by the fact that the girl's life was saved.

Margileth & McFarland, Springfield, O., are renovating the interior of their store and are making many improvements. Their pianos will hereafter be displayed in the basement floor and the first floor will be devoted exclusively to jewelry. Additional space has been added to the basement floor, which now embraces an area of 3,000 square feet.

Providence.

The sympathy of members of the trade was extended last week to Horace Remington, of Horace Remington & Son, refiners, owing to the death of his wife.

A number of the shops are still undergoing their annual overhauling, and the employes in the meanwhile are making the most of their vacations after an unusually busy season.

Plans were made public last week, of the new building for manufacturing purposes to be built in the heart of the jewelry district. It is said that the agent has already disposed of many leases of shops in the proposed structure.

The announcement made at the Gorham Co.'s office Saturday that the sale of the stock of the subsidiary companies at auction had been postponed pending the decision of an action brought by former vice-president Robinson in New York did not come wholly as a surprise. There were those who expected that developments of this kind might make themselves manifest.

Employes of the Union Hardware Co. enjoyed a dinner as the guests of William Angell at his home in Touisset, Saturday afternoon. There was a series of games, followed by a shore dinner with all the fixings.

The annual outing of the employes of the W. J. Feeley Co. was held recently at Emery Park. About 175 were in attendance and the affair was one of the most enjoyable that the employes have ever held. A clambake was served at 4 o'clock, after which there came a ball game between the married and the single men. The married men won by the score of eight to seven. There were other sports, in which the women members of the party were given an opportunity to show what they could do in the line of athletics, and there was a pie eating contest that furnished much amusement. The committee in charge was composed of James O'Connor, James Henderson, George Whitman, C. F. Simmons, James Sault and James Gray.

North Attleboro.

With H. F. Barrows Co. resuming work on Monday, the local firms have completed their vacations and will now settle down for business.

The Paye & Baker Mfg. Co. is in need of additional factory room, and is contemplating the building of an extensive addition. The concern intends to elevate the present factory one story. At present, with the exception of the part devoted to offices, it is only one story high.

The H. F. Barrows Co. is seriously contemplating the erection of a new factory at the corner of Washington and Chestnut Sts. It is said that the new structure will be of brick and one story high, with the exception of the part devoted to offices, which will be two stories. Several sets of plans have been made and are now being considered by the concern. No definite decision has been made as to when the shop shall be built.

W. G. Clark & Co. have received notice from the owners of the Totten building that the space it occupies is needed and desired at an early date. The announcement may seriously inconvenience the Clark company, and may necessitate its temporary removal from town. At present there is but little factory space available. The Clark concern has engaged space in the new Manufacturers' building, but this will not be ready for occupancy for several months.

Attleboro.

Charles P. Keeler, of McRae & Keeler, left last week for York Beach, Me.

Herman T. Regnell, of Regnell, Bigney & Co., has gone to Maine for a vacation visit.

Mr. Margolis, of Margolis & Metzger, Kansas City, Mo., was in town placing orders last week.

R. John Marsh, traveling salesman for C. A. Marsh & Co., is spending a vacation at Cottage City.

Harry P. Kent, of F. W. Weaver & Co., has been touring Canada the past fortnight with Mrs. Kent.

Alfred R. Crosby, of Smith & Crosby, with his family, is occupying his Summer home at Cottage City.

Sylvester Spark has taken charge of the clock and watch repairing department of the retail store of George H. Herrick.

Ralph H. Cole, head of the Haydn Jewelry Co., who has been engaged in business in Chicago for the past year, is visiting his relatives in this town.

John Anthony, of John Anthony & Co., with Samuel M. Einstein and Morris Baer, of the Attleboro Mfg. Co., have been enjoying an outing on Cape Cod.

Robert B. Macdonald, of R. B. Macdonald & Co., has the sympathy of acquaintances in the trade, and of a wide circle of personal friends, in the death last week of his mother.

J. T. Inman & Co. have incorporated under Rhode Island law as the J. T. Inman Co., capital $25,000, with John T. Inman president and Joseph P. Burlingame secretary-treasurer.

Fire last week destroyed the old homestead long owned and occupied by John M. Fisher, of J. M. Fisher & Co. It stood in a section made conspicuous by the enterprise of himself and relatives, and always called Fisherville.

While excavating for the new railroad depot on the site of the jewelry shop conflagration of 1898 workmen last week unearthed a safe, owned by one of the jewelry firms, and apparently overlooked when the place was cleared. It was full of water.

Representative Thomas W. Williams has announced his candidacy for the State Senate. His term in the lower branch of the Legislature was marked by a strenuous and successful effort to save the manufacturing jewelers from a threatened difficulty with the overtime laws. He was formerly interested in the American Watch Case Pendant Co.

The funeral of Everett B. Bliss, formerly of Bliss Bros. Co., was held last week at his home, the burial being at Woodlawn Cemetery. In honor of his position as a veteran soldier and valued citizen the town flag was flown at half staff on the common. Among the bearers were Charles A. Marsh, of C. A. Marsh & Co., and Martin L. Chapman, of Chapman & Borden.

Charles H. Gifford, a young manufacturing jeweler, has entered a unique suit in the Superior Court against his mother as executrix of the estate of his father, who died several years ago. He alleges his father bequeathed him $1,000, to be paid over when he should display an equal sum earned by his own efforts, unaided by speculation in any form. He claims to be now ready to fulfil the requirement and receive the legacy.

Fred C. Somes, of the firm of Bates & Bacon, Attleboro, was operated upon for appendicitis last Tuesday at the Rhode Island Hospital. He was taken ill about 10 days previous while in Keokuk, Ia. As soon as he was able he finished his trip, arriving home Sunday, and the following Tuesday, on a return of illness, was taken to the hospital for the operation. He is quite comfortable, and hopes to be entirely well in a short time.

Maxy W. Potter, traveling salesman for J. M. Fisher & Co., narrowly escaped a disastrous fall into a deep well a few days ago. He was in the court at the rear of the factory, and stepped on the plank top of an unused well, whose bottom was nearly 50 feet below him. The platform looked fair and strong on top, but had decayed beneath, and he broke through. Quick hands were extended to save him, and he was extricated with only a few bruises.

For the first time in a long period the help market has been tight in this town, and to secure the needed workers the manufacturing jewelers have had to advertise in the press of Taunton, Fall River, New Bedford and other mill towns. One hard-pressed company has advertised even outside the State. Practically all the shops are now working again after a shut-down of about two weeks for repairs, boiler inspections and improvements. The humid weather of late has made the work in the factories unusually depressing.

Charles M. Robbins, of the Chas. M. Robbins Co., has been waited upon by numerous politicians in the 14th Massachusetts Congressional district, and urged to run for Congress this Fall. He has taken the matter under consideration, and while admitting the ambition he is not yet ready to say whether or not he will enter the contest. There is evidence of a strong feeling throughout the district in favor of a change, and meetings have been held in several places. Mr. Robbins has withdrawn, for the present at least, from the active conduct of his jewelry business.

Thieves who recently broke into the store of Frank Steenberg, Bangor, Franklin Co., N. Y., escaped with a large amount of miscellaneous jewelry valued at about $200. The burglars also entered the local post-office, which is in the same building, from which place they took about $7 in cash and several postage stamps. The stamps were found later in the road.

The Paul-Gale-Greenwood Jewelry Co., Norfolk, Va., last week, awarded the contract for the construction of its new building, which will be eight stories instead of four, as originally planned. The structure will be of light brick, trimmed with terra-cotta. When completed it will be one of the finest in that territory.

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Optical Notes and Briefs.

C. D. Seeley has rented the Prior building, at Escondido, Cal., and will display a large line of optical goods.

H. Breitslein, optician, Richmond, Va., left about a week ago for Philadelphia, Pa., where he intends to take a post-graduate course at the Philadelphia Optical College.

The optical factory of T. A. Willson & Co., Reading, Pa., resumed operations Aug. 13 after having been closed for one week in order to make repairs and give the employes a vacation.

W. H. Keating, Salt Lake City, Utah, has been arrested upon complaint of Dr. Ida Behrendt, who charges him with having practised in Baker County, Ore., without having filed his certificate in optometry. The man is a traveling oculist.

Levi & Joseph, retail and manufacturing opticians, who have been in business for many years at 8th and Sansom Sts., Philadelphia, Pa., were incorporated at Harrisburg, Pa., last week. The incorporation's capital is reported to be $5,000.

The outing of the Rhode Island Society of Optometry, which was to have taken place July 28, has been postponed until Aug. 17. The society is planning to leave Providence, R. I., at 1 o'clock and stop at Field's Point for dinner, after which a sail down the bay will be enjoyed.

The Milwaukee Optical Club was recently organized. The following are the officers elected: President, Max Hauser; vice-president, August Reinhard; secretary T. Randolph; treasurer, J. H. Shafer. A board of directors was also selected, consisting of Rudolph Steller, E. H. Motland, F. F. Cobaba. The club will hold its meetings every month.

The Utah Society of Optometrists was recently organized in Salt Lake City, Utah. Those present were F. J. Alexander, O. R. Dibblee, R. W. Daynes, J. E. Broaddus, M. J. Mitchell, H. O. Jensen, C. D. Pons, R Ridley, J. H. Knickerbocker. O. R. Dibblee was elected chairman of the meeting and F. J. Alexander, M. J. Mitchell, J. E. Broaddus appointed as a committee to draft the by-laws and constitution which are to be presented at the next meeting.

A certificate of condition has been filed in the State House of Boston, Mass., for the Central Optical Co., Southbridge, Mass. The officers are: President, Clement Regin; treasurer, Paul M. LaClare. The authorized capital stock is $100,000; stock issued, $57,000; capital paid in, $57,000; par value of shares, $100; number of shares, 1,000; assets, real estate, $10,000; cash, $15,729.08; stock and materials, $17,450.18; cash in debts receivable, $5,716.27; profit and loss, $26,001.11; total, $74,896.74; liabilities, capital stock, $57,200; accounts payable, $2,697.74.

Moses Burnstein, formerly employed by Isaac Traub, Niagara Falls, N. Y., has purchased the jewelry store which was conducted for some time by August Sommer, of the same place.

The general store of Dewey Bros., at Gillett, Pa., was broken into by burglars recently, and a large amount of jewelry was included in the loot. The concern has offered a reward of $100 for the apprehension of the thieves.

Connecticut.

TRADE CONDITIONS.

Reports from the various manufacturing centers throughout the State of Connecticut are unanimous in announcing an exceptionally brisk business. Many say that they are having difficulty in filling their orders owing to the vast amount of work. Fall business is expected to be unprecedented.

Cephas B. Rogers and wife, Meriden, are at present the guests of N. Burton Rogers and wife, Danbury.

Mr. and Mrs. C. L. Bryant and daughter, Danbury, have gone to Searsport, Me., for a three weeks' vacation.

Wm. G. Taylor, of Taylor & Gregory, Derby, is now at Milford, enjoying a week's vacation with his friends.

Wm. M. Matheson, with the Trenton Watch Co., Trenton, N. J., was a recent visitor to Thomaston on business.

The employes of factory "P," International Silver Co., Wallingford, will hold their outing at Toell's Park, Saturday, Aug. 18.

John Kelley, foreman of the New England Watch Co.'s factory, Waterbury, returned home last week from a short sojourn at Walnut Beach.

Lyman G. Porter, watchmaker for C. L. Bryant, Danbury, accompanied by his wife, has returned from a two weeks' vacation spent at Asbury Park, N. J.

S. W. Hall, of the Gardner & Hall Co., Derby, has gone to Cottage City, Mass., for a 10 days' vacation, joining his family, who have been spending a month there.

Emil Jones, who was employed as a handle finisher at Landers, Frary & Clark's factory, New Britain, died last week at St. Francis Hospital. His death was due to blood poisoning.

The retail store of M. W. Hall, Waterbury, was broken into about a week ago by juvenile thieves. No jewelry was stolen, however, as all the valuable stock had been placed in the safe.

The solderers in factory "E," International Silver Co., Meriden, have been notified that their department hereafter will continue to work until 7 o'clock in the evenings and all day on Saturdays.

The receiving clerk for the Seth Thomas Clock Co., Thomaston, W. G. Morris, was married to Miss Ruth Stumpf last week. Mr. and Mrs. Morris will take a short trip to Atlantic City and Asbury Park, N. J.

A grandfather's clock is owned by Morris D. Beers, Sandy Hook, which is said to have been in his family for about 150 years. The dial of the clock is of German silver and bears the name of the man for whom it was made, Ebenezer Smith.

Louis Goldstein, employed by the New England Watch Co., Waterbury, was recently arrested at the factory on the complaint of Annie Gelles. He was tried by Justice J. F. McGrath and is held in $500 bonds, which Maurice Green, a pawnbroker, furnished.

John Grady, Waterbury, who was arrested at Thomaston on Thursday evening on a serious charge, is said to be the same man who was arrested on two charges of theft and convicted of stealing spoons from Rogers & Bros.' factory last December. He served a short term in jail for these thefts, and is now held in bonds of $5,000.

The sterling silver department of factory "E," International Silver Co., Meriden, held its 10th annual outing at Gehrmann's Grove Saturday, Aug. 11. The dinner was in charge of O. E. Burgess. There was a baseball game and other athletic events, also a boxing exhibition of six rounds by two 11-year-old amateurs.

The employes of the German silver department of factory "E," International Silver Co., enjoyed a sail down the Connecticut River about a week ago, as far as Saybrook. Upon their return to Middletown they found that they had missed the last train and were forced to walk a considerable distance over the mountains, arriving home at 1.30 in the morning.

Gen. Geo. H. Ford, president of the Ford Co., New Haven, said to-day at the sale of the Ford building that the concern would not leave the place and that no change would be made in the business plans. He further said that arrangements had been made to lease the premises by the company, which would continue to do business there indefinitely. The Ford Co. has occupied that property for more than a quarter of a century.

The S. L. & G. H. Rogers Co., Hartford, has decided to omit the usual April and July dividends this year. The reason for omitting the dividends is that the price of many materials has advanced within the past few months, and also that it was discovered the first of the year that the bookkeeping department had been run in a lax manner. The company has previously paid 8 to 10 per cent. It is incorporated under the laws of the State of Maine. The officers are John MacFadyen, president; Geo. H. Rogers, secretary; Samuel McFadyen, treasurer. Directors—J. MacFadyen, Samuel MacFadyen, G. H. Rogers, John M. Ney and Edgar F. Waterman, Hartford, and Geo. L. Hallenbeck, Wallingford.

New Stores and Enterprises.

Napoleon Jalbert is a new jeweler in Montreal, Can.

M. Clark has opened a jewelry store in Hildreth, Nebr.

C. A. Bacon has commenced business at 827 W. 63d St., Chicago.

Marley Fisher will open a store in Harington, Wash., in the near future.

S. Davidson has begun business in Vancouver, Wash., as a watch repairer.

Cheatham & Glenn have engaged in the retail jewelry business at Runnells, Ia.

C. H. Combs will soon engage in the retail jewelry business in Kenesaw, Nebr.

R. W. Chamberlain, formerly of Phoenix, Ariz., has opened a repairing business in Delaware, O.

The Friend & Rosenberg Co., Ltd., Toronto, Ont., has just started in business with a capital of $40,000.

H. L. Greenbank, formerly with C. G. Piercy, Piqua, O., has embarked in business for himself in that town.

The Gafney Jewelry Co. has been incorporated in Columbia, S. C., with a capital stock of $5,000. The incorporators were: W. T. Thompson, J. C. Robinson and Mr. Eisen.

Vineberg Bros. opened a new jewelry and optical store at 56 Granby St., Norfolk, Va., on Tuesday of last week.

The S. F. Scott Co. was recently incorporated in Chicago, with a capital stock of $50,000. The offices are in the Heyworth building.

B. L. Bulcy, Cassville, Mo., is completing arrangements to move to Joplin, in the same State, where he will engage in the retail jewelry business.

The Cynosure Hall Clock Co. is the name of a new concern which has been incorporated in Scranton, Pa., with a capital stock of $5,000.

Harold G. Willis, formerly with P. W Ellis & Co., Toronto, Ont., has commenced business on his own account at 1456 Queen St. W., Toronto, Ont.

The Hamilton Silver Co., Chicago, Ill., has been incorporated to manufacture and deal in jewelry. The capital is $5,000. The incorporators of the concern were: Ernest W. Kohlsaat, Geo. A. Smith and G. Van Allen Smith.

A charter was issued recently to the McCormick Jewelry Co., with a capital stock of $10,000. The officers are: President, Neal O'Donnell; secretary and treasurer, C. E. McCormick. The concern is located at Sumter, S. C.

The Gordon Jewelry Co., Bridgeport, Conn., has filed a certificate of incorporation to manufacture jewelry. The authorized capital stock is $20,000. The incorporators were: M. J. Gordon, Alexander Levy and Charles F. A. Betz.

The United Watch-Clock Co. is a new concern which was incorporated in the State of New York Aug. 12, with a capital stock of $25,000. The directors are: W. A. Washburne and T. F. Gaynor, New York, and B. F. Ostrom, Brooklyn.

The Galveston Optical Co., Galveston, Tex., was recently chartered with a capital stock of $5,000. The incorporators were: G. H. Aronsfield, R. W. Smith, W. L. Moody, Jr., John Seeley and M. Marks. The store will be located in the Trust building, adjoining the Merchants' National Bank, at that place.

The Midland Mfg. Co., a wholesale jewelry concern, has just begun business in Omaha, Nebr. The company has secured quarters at 310 S. 12th St., in the United States National Bank building, and has already put on the road a force of six travelers, which it is expected to increase in the course of time to 15 or 20. The company was organized by R. B. Zachary, formerly of Colfax, Ia., and who has lived in Omaha a year. It is composed mainly of Omaha men, who have acted as traveling representatives for various local jobbing houses, among them, E. G. Patrick, E. R. Benson, E. A. Phillips, A. P. Hanneman, S. T. Goodrich and W. F. Clarkson. The company will carry a general line of jewelry and will do business west of the Missouri. It will engage to some extent in the jewelry manufacturing business.

David Jones was arrested on Monday of last week in Youngstown, O., charged with stealing a pair of gold glasses and a lady's gold watch from Frank M. Powers' jewelry store.

The town of Caron, Sask., Can., is without a jeweler. Reports from that place state that there is a good opening there for one.

THE DEMAND FOR
ALL SIZES AND QUALITIES OF
MONTANA SAPPHIRES

SEEMS TO BE INCREASING WHILE THE SUPPLY OF DESIRABLE MONTANAS WILL PROBABLY FALL SHORT OF THE MARKET REQUIREMENTS THIS SEASON

WE HAVE A GOOD STOCK
OF THESE STONES, OUR OWN AND FOREIGN
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THE LYONS GEM CO.
Have Removed to
35 Maiden Lane, New York.
A Full and Complete Line of Precious, Semi-Precious and Imitation Stones Always in Stock.
WE MAKE A SPECIALTY OF
SCIENTIFIC RUBIES
Local and out of town jobs promptly attended to at reasonable prices. Send us your mountings to be set with matched stones. A trial order will convince you that our prices are right, and our goods select.

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GEMS in Unique Cuttings

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Diamond Setter
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Telephone, 5039 John
Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

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Don't throw damaged stones away; send to us for recutting or repairs.
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Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
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Corner Walnut and Thirteenth Streets
PHILADELPHIA, PA.
The Ideal Hotel of Philadelphia
European Plan EUGENE G. MILLER, Mgr.

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ESTABLISHED 1860. *L. O. LEVISON.*
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Importers of
DIAMONDS and PRECIOUS STONES
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IMPORTERS OF **DIAMONDS,** 37-39 MAIDEN LANE, NEW YORK CITY
A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
Telephone, 4577 John.

Canada Notes.

D. A. Kennedy, Lancaster, Ont., is removing to Cornwall.

G. Thomas, Winnipeg, is advertising an auction sale of his stock.

F. X. St. Hilaire, Frazerville, Que., is asking his creditors for an extension of time.

Axel Peterson, Vancouver, B. C., lately engaged in the jewelry business, died recently.

The store of McNichol & Pitts, Pipestone, Man., was recently entered by thieves. About $300 worth of jewelry was stolen.

E. C. Fitch, Jr., manager for Robbins, Appleton & Co., Montreal, and J. F. Houghton, chief time inspector, were in Toronto last week.

The J. Coulter Co., jewelry case manufacturers of Toronto, Ont., have purchased a site on Lombard St. for about $15,000, on which they will erect a new factory and show rooms.

Out-of-town jewelers calling on the Toronto trade last week included E. C. Daniels, Orangeville, Ont.; J. C. Gilchrist, Woodville, Ont.; W. L. Reeve, Barrie, Ont., and A. C. Johnston, of Johnston Bros., Montreal.

Charles Carnegie, who has been engaged in the jewelry trade in Toronto for 35 years, has disposed of the lease of his store at 148 Yonge St., which he has occupied for about a quarter of a century, and retired from business.

George E. Trorey & Co., of Vancouver, B. C., have sold their extensive business to Henry Birks & Sons, Montreal, who have branches in the leading cities of Canada. Mr. Trorey will remain as manager of the Vancouver branch.

Richard Benson, lately engaged in the watch case department of P. W. Ellis & Co., who is leaving Toronto to take a position at Los Angeles, Cal., was presented with an address and a handsome gold watch by his fellow employes last week.

The Temple building, Montreal, which has been the home for years of many jewelry jobbers, and is well known to United States jewelry houses and travelers, is about to be pulled down and a large bank building is to be erected on its site.

W. J. Barr, manager of the Goldsmiths Stock Co., Toronto, Ont., is enjoying a vacation at Windermere, Muskoka District. R. J. Abbs, western traveling representative for the same house, has left on a protracted trip in the west and British Columbia.

Other buyers calling on the Toronto trade last week included W. H. McCaw, Port Perry, Ont.; S. F. Flatt, Fort William, Ont.; Geo. Hynds, Acton, Ont.; H. Alteman, Brampton, Ont.; J. H. Stephenson, Markdale, Ont., and L. Atkinson, Newmarket, Ont.

William Lynn, a young man of 22, in the employ of P. W. Ellis & Co., sustained a frightful injury July 31. While working a stamping machine his right hand became entangled in a rope connected with the power shafting, and his arm was pulled off by the revolving shaft. He is in a critical condition.

In the case of H. Henkle, who has been under remand on a charge of obtaining jewelry by false pretenses from Jas. A. Pitts, Temple building, Montreal, the charge has been withdrawn. Another charge against the prisoner is that of stealing two diamond rings from Mr. Haynes' store, Craig St., Montreal.

The following jewelry manufacturing companies have been incorporated under the laws of Ontario: The Fremes & Rosenberg Co., Ltd., head office, Toronto; capital $40,000. Provisional directors: Simon Fremes, Philip Rosenberg and Robert B. Young. Grau & Co., Ltd., head office, Toronto; capital $20,000; provisional directors, Gustav Grau, Thomas Maier and Carl Heinz.

The rumored finding of diamonds in the Rainy River District of Northwestern Ontario is not regarded seriously by the officials of the Provincial Bureau of Mines. Statements to the same effect get into circulation every few months, and, while it is possible that loose gems may have been picked up in the drift, all that is known of the geological formation of the country renders it altogether unlikely that diamonds occur in the matrix in any part of the Province.

H. M. S. *Dominion*, which arrived in Halifax last week, and will later proceed to Quebec, will receive in the latter city a presentation of plate which has been purchased by means of a public subscription which was made throughout Canada. At Halifax a punch bowl, called the "Midsummer Night's Dream" bowl, and made by Mappin & Webb, London, will be presented on behalf of the citizens. This bowl is made of sterling silver, is 20 inches in length and 13½ inches high, and cost 100 guineas.

Death of Alexander F. Snyder.

VICTOR, Colo., Aug. 13.—Alexander F. Snyder, who had been in the retail business here for several years, died recently. He began at Cloquet, Minn. In 1894 he moved to Chicago, but remained there only a short time, after which he came here, buying out a local dealer.

In 1898 Mr. Snyder moved to Deadwood, S. Dak., and two years later gave up business at that place, and located in Cripple Creek. He was a practical watchmaker and had a considerable trade in this city.

Harris & Esterly, Duluth, Minn., have dissolved partnership, and the entire stock is being sold at reduced prices. The business will be continued by E. E. Esterly.

Thieves recently broke into the retail jewelry store of J. Halm & Son, Seguin, Tex., and escaped with several hundred dollars worth of pins, watches and brooches. The intruders gained entrance by forcing a window in the rear of the store.

A Brazilian, Guerriero by name, has been arrested in Madrid, charged with the larceny of a magnificent crown of jewels formerly owned by the reigning house in Brazil and valued at $400,000. Twelve fine diamonds were taken at the same time, but these have not been recovered. It is alleged that Guerriero was the leader of the band that committed the robbery that numbered 11.

Powers & Mayer Hold Their Annual Exhibition of Gem Jewelry.

Many jewelers from various parts of the country have attended this week the fourth annual exhibition of diamond jewelry which is being held in the salesrooms of Powers & Mayer, 258 Fifth Ave., New York. The exhibition is more comprehensive and attractive to buyers than any of those previously given.

The arrangement of the designs, several thousand in number, no two of which are alike, is admirably adapted for purposes of inspection, and buyers walking about the tables filled with the handsome jewels pass hours in admiring and selecting. Everything is new, each article being designed and made up expressly for this year's business. The designers and the workshop are on the premises adjacent to the salesrooms.

Where so much is shown there is little use in giving any detailed description of special pieces. Yet there is one brooch of such splendor that no visitor can overlook it. It contains four diamonds of large size. At the top is a purple gem, on the left a golden stone, at the right a brown, while the drop is a pear-shaped steel blue diamond.

The use of fancy colored diamonds in giving artistic expression to the various designs is more pronounced this year than in preceding exhibits. In the bracelets, collars, collarettes, hair ornaments and other articles there are endless combinations of diamonds and pearls in exquisite effects. The bracelets range from the most extravagant platinum settings to the simpler jeweled gold articles. In chain lorgnettes there is a larger variety of designs than has been shown before at these exhibits. A feature of this year's display is the large assortment of men's rings cut *en cabochon*. Rubies, emeralds and star sapphires are extensively used. The rings themselves are comparatively plain, succeeding the figured effects which were so prominent a year ago.

The exhibit will continue until Saturday, by which time, it is expected, several hundred buyers from practically every State in the country will have inspected the stock. After that the designs will be divided up among the several salesmen who will start out on the road.

Trans-Atlantic Voyagers.

FROM EUROPE.

Sol. Lindenborn, New York, returned Saturday on the *Campania*.

J. F. Crane, president of Mandeville, Carrow & Crane, returned Aug. 6, on the *New Amsterdam*.

Leo Goldsmith, 9-13 Maiden Lane, New York, returned from Europe on the *Kaiserin Augusta Victoria*, Aug. 11.

O. D. Wormser, with Joseph Frankel's Sons, New York, sails to-day from Liverpool on the *Baltic*. Simon Frankel, of the same house, will sail about Sept. 5.

Among those returning last week on the *Kaiser Wilhelm der Grosse* were Zach. A. Oppenheimer, New York, and L. J. Van Gelder, of Van Gelder, Kahn & Co., New York.

TO EUROPE.

Arno A. Dorst, of the Dorst Co., Cincinnati, O., sailed last week on the *Rhein* from Baltimore.



Bigalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York.

Single and Split Second Timers in Nickel and Gun Metal Cases.

Complete Assortment of Chronographs, Split Seconds and Minute Repeaters.

Ladies' and Gentlemen's Flat and Ultra Flat Watches.
Flat Calendar Watches.



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FINE GENEVA WATCHES.

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CORAL MANUFACTURING COMPANY,

All kinds of Coral—DROPS, BUTTONS, LENTILLES.
CORAL NECKLACES, Graduated and Uniform.

PINK AND WHITE CORAL A SPECIALTY.

GOLD MEDAL, ST. LOUIS, 1904.
GRAND PRIX, LIEGE, 1905.

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No. 1638.—Sterling hand-pierced bag, all soldered ring mesh, and workmanship unexcelled. Size 5¾ in. by 4 in.

Sterling Hand Bag

No. 1638.
Hand Made.

TRADE (W B) MARK.

Our Bags and Chains are handled by the most exacting Jewelers. A sample order will show you the reason. Our prices are "right."

SPECIALTIES:
Plain, Engraved, Etched and Hand-Made throughout Sterling Silver Hand Bags.

(Tel. 1038 J, Newark.)

Telephone Calls

only 5c. each

Extension Stations

only $6 per year

These are only two of the many attractive features of the new telephone rates, effective July 1st.

Contracts now being taken.

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15 Dey Street	9010 Cortlandt
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THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins. The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c ; in 10k. gold, $1 00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y

News Gleanings.

R. B. Boulden, Millersburg, Ky., has retired.

Sanford M. Swain, Martinsville, Ind., has sold out.

John Mesing, Burt, Ia., has sold out to A. H. Meinzer.

Philip Levy, Henderson, Ky., has discontinued business.

La Force & Betz, Centralia, Mo., have discontinued business.

George G. Mulholland will move shortly to S. Main St., Hamilton, O.

Alfred Christopherson, Wausa, Nebr., has moved into larger quarters.

P. G. Ellsworth, Richmond, Vt., recently sold out to Mr. Davis, Fairfield.

C. F. Coffman is selling out his jewelry business at auction, Ponca, Okla.

J. E. Eckert has moved his store in Marengo, Ia., to a new location.

Charles Friend, Madisonville, Ky., has sold his business at that place.

Samuel P. Bloom, Wesson, Miss., has been succeeded by Howard Smith.

John Nilson, Kenyon, Minn., has closed out and moved to Wilton, N. Dak.

I. Cline & Bro. have purchased the business of I. Watters, Salt Lake City, Utah.

The Northwestern Instalment Co., formerly of Great Falls, Mont., has moved to Butte, Mont.

B. Yehley, Delaware, O., has been spending a few weeks with Mrs. Yehley, who is visiting at Niagara Falls.

An unsuccessful attempt was recently made to rob the store of Henry E. Atwood, Lisbon Falls, Me.

Pearl fishing has started a new industry along the Fox River, in the western part of Kenosha County, Wis.

J. N. Barthelemy, McHenry, N. Dak., has gone to Brake, N. Dak., where he will open a retail jewelry store.

Bernhard Rydberg has sold his business in Red Lodge, Mont., to T. O. Major and W. C. Luhrsen, of Lamoni, Wis.

J. C. Larson, formerly in business at Tyler, Minn., will start in business at Owatonna, Minn., in the near future.

A. J. O'Brien, Oshkosh, Wis., has announced his candidacy for the Democratic nomination for Register of Deeds.

M. Berman, Altoona, Pa., returned recently from a two weeks' visit to the east. He was accompanied by his family.

I. N. Reitenour, Union City, Ind., has been spending the Summer at Jackman, Me. He will return about Sept. 1.

A large regulator clock was presented to the local Citizens' Bank last week by the Hohusen Capo Jewelry Co., Tucson, Ariz.

An unknown man entered the jewelry store of Frank Tyack, Reading, Pa., last week, and made off with an $18 brooch. No trace of the stranger has yet been found.

W. H. Saxton, well known to the trade in Middletown, N. Y., will soon leave that city to accept a position in the time service department of the Webb C. Ball Co., Cleveland, O.

A 21-jewel Waltham Vanguard watch was presented to the Conductors' and Firemen's Brotherhoods of Pittston, Pa., by W. F. Staley, of that place, the official watch inspector for the Lehigh Valley Railroad.

The building at 571 Main St., Dubuque, Ia., has been leased by W. W. Wormood. He says that his lease on this property begins on Sept. 1 and that he will move into his new quarters as soon as they are vacated by the present occupants.

While F. A. Nesler, Dubuque, Ia., and his family were driving last Friday night, his horse stepped on a manhole which had not been replaced properly. The cover tilted and the horse fell through it. The occupants of the vehicle escaped unhurt.

Adolph Schwartz, 779 Main St., Dubuque, Ia., has been forced to vacate his store on account of the expiring of his lease. He has found new quarters and will occupy the north half of the building at 71 Julian Ave. Mr. Schwartz's lease will expire Sept. 1.

Many of the wholesale pearl merchants of New York have sent their representatives to the Wabash, Wisconsin and other central rivers on account of the recent increase in the number of gems that are being found in the mussel beds of these rivers.

While riding on his wheel Monday morning of last week E. W. Kittredge, an optician, Minneapolis, Minn., was run into by a runaway team belonging to the American Express Co. He was badly injured and will be compelled to stay in bed for about two weeks.

James D. Safford, a director of the Dueber Watch Case Co., Canton, O., died yesterday morning at his home in Springfield, Mass., after a long illness. He was 64 years old. Mr. Safford was a very prominent figure in the banking and financial circles of Springfield.

Geo. Lindsay, a 14-year-old colored boy, who was recently arrested on a charge of robbing the safe in the store of Chas. F. Cross & Bro., Gadsden, Ala., of $100 or more in cash, finally confessed his guilt and restored all of the money except about $20, which he had spent.

On the ground that the sidewalks were obstructed by the improvements being made by Charles Wachtel's Sons and Geo. Torpir's Sons, Macon, Ga., R. Moss and R. L. O. Lazarus, jeweler, have obtained an injunction to restrain the former from blocking the thoroughfares.

W. H. Hill, Punxsutawney, Pa., recently purchased the Downes property on N. Gilpin St., in that town, for $6,000, the lot being one of the most desirable residence sites in the central part of the town. It measures 75 by 100 feet. Mr. Hill will take possession of the property Jan. 1 next.

On Friday evening burglars entered the jewelry establishment of the C. G. Borgman Co., Baltimore, Md., by digging through the wall in the rear. The building is of brick, and the wall at the place of entrance is 18 inches thick. Bricks were removed until a hole was made big enough for a man to enter. Stock worth $800 was taken, but the safe, in which were many thousand dollars' worth of diamonds and other valuables, was undisturbed.

C. C. Fried & Son, Springfield, O., have purchased the building adjoining their premises on the east side, and are going to add the new building to their present one. The two stores will be turned into one. The plans for the new store call for complete new sets of wall and show cases, tiled floor, new fronts and all that goes to make an up-to-date jewelry store. The new store, when completed, will be 25 x 70 feet. The opening will be held about the middle of October.

Three young negroes who were arrested about a week ago in Louisville, Ky., giving their names as H. Watkin, D. Staton and R. Tilford, respectively, are believed to have broken the windows in two jewelry stores there. One night the windows in the stores of Mrs. Frank Mettler and George W. Vaughan were smashed and their contents stolen. Shortly afterwards Capt. Maher was informed where some of the stolen articles could be found. The smallest boy, Watkins, had a loaded revolver in his pocket when taken into custody.

Among those who attended the organization of the State Federation of Mercantile Organizations in Des Moines, Ia., recently was Harry P. Holmes, of Des Moines, who represented the Iowa Retail Jewelers' Association. The objects sought by the new organization are legislation and protection against the mail order houses. The membership is to be made up of three members from each organization in the federation, the secretary, president and one member of the Executive Committee. The temporary officers elected were: President, J. Mehlhopt, Council Bluffs; vice-president, Dr. A. C. Hutchison, Des Moines, secretary and treasurer, I. V. Thomas, of the same place. A meeting for the permanent organization will be called by the president and secretary at a later date.

A catalogue that is attractive and at the same time conveys to the retailer with fidelity an idea of the various products listed, is being sent out by the Western Clock Mfg. Co., whose main office and factory is at La Salle, Ill., the New York office being at 51 Maiden Lane, New York. There are 32 pages, nine by 12 inches, exclusive of the handsome cover in tan, brown and gold. In the introductory remarks, sketching the growth of the business from 1886 to the present year, it is stated that the output, begun with less than 50 clocks a day, has grown in the 20 years to a daily output approximating 6,000. The factory, originally covering 2,000 square feet, now spreads over 8,000 square feet. A description is given of the western casting process. The catalogue says that this construction permits the application to nickel clocks and, in general, to all low-priced lever clocks of horological principles heretofore prohibited in such timepieces by the high cost of production. "It consists," says the writer, "of casting, or, so to speak, of cementing together with an alloy similar to type metal (tin, lead and antimony) the components of a clock part, such as, for instance, in a clock wheel, the pivot, the fork and the pallets, instead of staking them together, as is usually done." This is followed by a detailed explanation of the process and of the results attained, facts which will be of interest to all retailers. Most of the book is given up to pictorial pages representing the various kinds of alarm clocks, mantel clocks, art clocks, novelty, traveling clocks and stem-winding and stem-set watches, all in great variety. At the foot of each page are given the designation of style and price of the clocks that are illustrated.

GORHAM SILVER

GORHAM FALL SILVERWARE

¶ For the approaching Fall and Holiday seasons the Gorham Company have made thoroughly adequate preparation, and for many months past their designers and craftsmen have sedulously engaged in the production of new and original examples of Gorham activities.

¶ As a consequence, the Company's display of Fall and Holiday goods has never been more complete or so comprehensively varied. New and attractive patterns in all the standard lines, as well as exclusive novelties not to be found elsewhere, are offered at prices comparing more than favorably with those asked for goods of a similar character but lacking the Gorham trade-mark and prestige.

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Silversmiths and Goldsmiths

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NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
THE HOROLOGICAL REVIEW.
WITH WHICH ARE INCORPORATED THE JEWELERS' WEEKLY. THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.,

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Famous Nef of Charles V., Now in the Cluny Museum.—Illustrated on front cover; text on page	41
Conrad Schickerling Makes Public Statement Regarding Some Complications	42
Elsie Bee's Fashions	43
Death of G. W. Palmer	43
New Haven Clock Co.'s Plant Again Injured by Fire	43
Youth Accused of Robbing New York Jeweler Arrested in Denver, Colo	43
Death of Robt. M. Barnitz	43
Silverware, Clocks, etc., Exported from New York	43
Economic Causes for the Steady Advance in Diamonds and Pearls as Given by Well Known Importer	45
Attempted Robbery at St. Louis, Mo., Frustrated	45
New York Importer's Opinion as to Operation of the Law Governing the Granting of Drawbacks	45
Current Stories of a Diamond Yielding Island Off the Coast of Africa Declared to be Unfounded	47
Federal Census Statistics as to Jewelry Business of Minnesota and Kentucky	47
National Monthly Import and Export Statistics	47
The Diamond Markets	47
Statement Sent to Stockholders of the Simeon L. and Geo. H. Rogers Co. as to Passing of Dividends	49
Involuntary Bankruptcy Petition Filed Against Alfred Mayer & Co.	49
Arrest of Three Men in Wineburgh Diamond Robbery Case	49
Burglars Smash Show Windows and Rob Jewelry Store Close to Brooklyn Police Station	49
Geo. H. Robinson Stays by an Injunction the Sale of Silverware Companies	49
Importations at the Port of New York	63
Patent Department	81
Interesting Objects Seen at Recent Nuremberg Exhibition	85
Disk Clock Transformed into a Nocturnal Timepiece	89
Profit and Loss in Business	96
Baltimore Jewelers Who Have Apparently Succeeded in Poor Locations	97
The Retail Store of the Oldest Jeweler in Washington	97
The Eye—Comparative Anatomy	99
The Care of the Eyes of School Children	101
Reappraisements of Cut Glass, Earthen Ware, etc.	105
Why the Jeweler Should Handle China, Bric-à-Brac and Bronzes	105
How and Why the British Manufacturers Suffer from Foreign Competition	105
A Brief History of Some Old New York Jewelry Manufacturing Concerns	107
Rambler's Notes	107

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

Jewelry Failures During July.

THE business condition as indicated by the commercial failures of the United States reported during the month of July appears to be very good—indeed, the failures make the best showing as to number of any July of recent years—and, while the amount of the liabilities was somewhat larger than a year ago, it is better than any other July since 1899. In brief, there are about 738 failures of all kinds, with liabilities of $6,919,000, as against 786 failures last year, with liabilities of $6,149,000. The manufacturing insolvencies number 144, with liabilities $2,761,000 as against 173 last year, with liabilities of $3,519,000; while trading defaults number 569, with liabilities of $3,658,000 as against 594, with liabilities of $2,170,000.

As far as the jewelry trade is concerned the figures are normal, though in excess of July a year ago, there being recorded 12 insolvencies among dealers in jewelry and clocks, with liabilities $38,201, or an average of $3,181. According to a table of failures by branches of business compiled for *Dun's Review* there were eight failures during July, 1905, with liabilities of $11,495; 12 in July, 1904, with liabilities of $49,377; nine in July, 1903, with liabilities of $31,922, and nine in July, 1902, with liabilities of $53,257.

Free Alcohol for Manufacturers.

THOSE members of the jewelry trade who for the past few years have been interested in the fight to obtain a release of the internal revenue tax on alcohol used in the arts, that has been properly rendered unfit for beverage purposes, were pleased to hear last week that the bill which had been passed by both branches of the United States Congress had been approved by the President. The bill in effect provides that on and after January 1 next, domestic alcohol of such degree of proof as may be prescribed by the Secretary of the Treasury may be withdrawn from bond without payment of internal revenue tax for use in the arts and industries and for fuel, light, etc., provided it has been mixed as required by the statute with some denaturing material which destroys its character as a beverage and renders it unfit for medicinal purposes. The bill goes into effect January 1, as six months' time will be necessary for the Commissioner of Internal Revenue to prescribe regulations and prepare for the administration of the law.

On the whole the bill is a broad and liberal measure which gives to manufacturers an alcohol fit for lighting purposes that is entirely free of tax, and provision is made for the use of such special substances as may be suitable for denaturing alcohol for particular industries in which the ordinary denaturant cannot be used.

It is said that the success of the movement which has been agitated for three and one-half years is due in great part to the active co-operation of the farmers of the country, though the principal credit lies with those who started the movement in New York and the committee of manufacturers from the principal cities of the country who aided in the fight.

Importations at the Port of New York.

Weeks Ended Aug. 11, 1905, *and Aug.* 10, 1906.	1905.	1906.
China, Glass and Earthen Ware:		
China	$71,077	$90,644
Earthen ware	21,428	15,992
Glass ware	17,016	29,510
Optical glass	5,523	109
Instruments:		
Musical	16,161	15,585
Optical	5,308	3,875
Philosophical	2,466	311
Jewelry, etc.:		
Jewelry	21,418	67,971
Precious stones	1,024,011	1,300,858
Watches	34,111	43,429
Metals, etc.:		
Bronzes	4,720	4,472
Cutlery	22,757	36,622
Dutch metal	4,565	4,993
Platina	41,442	22,233
Plated ware	....	....
Silverware	49	518
Miscellaneous:		
Alabaster ornaments	105	533
Amber	920	2,993
Beads	3,957	3,962
Clocks	5,771	6,779
Fans	4,195	8,812
Fancy goods	4,231	7,851
Ivory	343	18,269
Ivory, manufactures of	462	918
Marble, manufactures of	4,250	4,163
Statuary	3,065	1,158

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	New York.	*London.*
Aug. 5	$.64⅝	29⅞d.
" 6	.64⅝	29⅞d.
" 7	.64⅝	29⅞d.
" 8	.65¼	30 3-16d.
" 9	.65¼	30 3-16d.
" 10	.65⅝	30 5-16d.
" 11	.65⅝	30 5-16d.

ON MEMORANDUM



CROSS & BEGUELIN

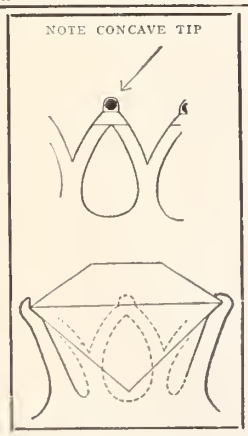
Importers and Cutters of Diamonds and Precious Stones

43 Rue de Mesiay, PARIS Telephone, 2188 Cortlandt 17 Maiden Lane, NEW YORK

PRESS DOWN THE TIPS WE'VE DONE THE REST

EASY TO SELL — EASY TO SET

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RINGS, STUDS
EAR SCREWS
ETC.

THE SUCCESS COMPLETED BEARINGS OF THE SEASON

Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., N. Y.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

ARCH CROWN MFG. CO., 26 CAMP ST., NEWARK, N. J. Samples on Request

Our Traveling Representatives



The following traveling representatives called on the Toronto, Ont., trade, last week: Mr. Nye, Wilcox Silver Plate Co.; Mr. Yorke, Henry Rogers & Son (Sheffield, Eng.); O. J. Armbruster, Illinois Watch Co.

Traveling salesmen visiting Boston, Mass., last week, included: H. C. Barnum, Shafer & Douglas; Mr. Sherrill, Sinnock & Sherrill; T. G. Frothingham, who has just returned from a trip to the Pacific Coast States; Paul Gesswein, F. W. Gesswein Co.; Louis Barrows, H. F. Barrows Co.; Louis Nordlinger, L. & M. Kahn & Co.; Charles Conant, Chester Billings & Son; Jack Townsend, David C. Townsend & Co.; Joseph Laurino; Parker Ford, Ford, Carpenter & Co.

The following traveling representatives called on the trade in Kansas City, Mo., during the past week: H. E. Cobb, Daggett & Clap Co.; Albert M. Stern, Goodfriend Bros.; L. E. Smith, M. B. Bryant & Co.; George W. Birnbaum, Julius Wodiska; Robert L. Clark, Towle Mfg. Co.; R. H. Schley, Sloan & Co.; H. B. Rogers, Thiery & Rogers; B. J. Hirshorn, Hodenpyl & Walker; Leonard James Fox, Gustave Fox Co.; George L. Brenning, Dennison Mfg. Co.; E. A. Reed, Reed & Barton.

Traveling representatives in Omaha, Nebr., during the past week, included: Julius S. Mayer, Mauser Mfg. Co.; W. B. Ash, J. B. Ash; W. F. Adams, Simpson, Hall, Miller & Co.; W. S. Metcalf, Plainville Stock Co.; C. Hauser, Bawo & Dotter; William Strauss, Louis Kaufmann & Co.; A. S. Riley, Mandeville, Carrow & Crane; A. G. Kimball, Landers, Frary & Clark; A. C. Wright, American Cutlery Co.; F. Horton, Carter, Howe & Co.; Mr. Baker, Frank M. Whiting & Co.; A. H. Fox, Fox Bros. & Co.; John Hillinger, R. J. Hillinger Co.

The trade in Louisville, Ky., was recently visited by the following: C. T. E. Smith, Reed & Barton; Louis Bernheim, Bernheim & Beer; C. L. Krugler, Mandeville, Carrow & Crane; C. A. Hulstrom, Wilcox & Evertsen; J. J. Murray, Higbie-Barbour Mfg. Co.; John F. Garland, Keller Jewelry Mfg. Co.; J. T. Griffith, Jr., Carter, Howe & Co.; Mr. Gallagher, Keystone Cut Glass Co.; S. O. Ralston, American Silver Co.; Jerome Thoma, Thoma Bros.; D. Skutch, New Haven Clock Co.; A. Kaufman, Ingomar Goldsmith & Co.; Leo Heilbrun, L. Engel & Co.; M. Bernheim, Woodside Sterling Co.

The following traveling representatives recently visited Lancaster, Pa.: John Bailey, Benedict Mfg. Co.; Charles C. Pickford, Scofield & De Wyngaert; John Young, International Silver Co.; T. A. Brennan, L. Witsenhausen; Horace N. Tuttle, H. N. Tuttle Co.; R. B. Brahe, William J. Ward; Alex. Patterson, Hayden W. Wheeler & Co.; W. H. Young, Simpson, Hall, Miller & Co.; J. P. Melhado, N. Wolff & Co.; Morris Weil, Morris Weil; Robert V. Curran, F. W. Sackett; A. C. Fellencer, N. H. White & Co.; A. R. Waisz, Tavannes Watch Co.; R. F. Corry, William L. Gilbert Clock Co.; Thomas Judge, M. Sickles & Sons; Abram Bauman, George Mayer & Co.

Traveling representatives who called on the Cincinnati, O., trade, last week, included: George E. White, White & Rounsville; K. L. Taylor, Riley & French; Oscar Lessing, S. & B. Lederer Co.; Hubert Somborn, Hipp. Didisheim & Bro.; Charles Whiting, Whiting & Davis; E. Block, Louis Stern & Co.; Fred Brigham, Cheever & Tweedy; Gus. Rosenberg, Rosenberg Jewelry Co.; J. T. Griffith, Jr., Carter, Howe & Co.; R. B. Carr, Link & Angell; J. Guntzberger, I. Guntzberger; H. B. Rogers, Thiery & Rogers; C. H. Davison, Codding & Heilborn Co.; J. F. Schuman, Jr., William Kinscherf Co.; Herbert E. Reich, Hayden W. Wheeler & Co.; W. H. Osborn, R. Wallace & Sons Mfg. Co.; Joseph Rifkin, L. Heller & Son; I. J. Rosenthal, Rothschild Bros. & Co.; F. Felger, F. & F. Felger; Benjamin Schloss, A. Wallach & Co.; Ike Price, Louis Strasberger's Son & Co.; William Froehlick, Manasseh Levy & Co.

New York Notes.

Theo. F. Gerlach, 904 N. Taylor Ave., St. Louis, Mo., has been in New York for a few days.

A. M. Hill, New Orleans, La., has been in the city calling on the trade and making his headquarters with Sloan & Co., 21 Maiden Lane.

W. G. Boorn, formerly traveler for W. H. Wright, engaged last week in business for himself as a jobber of mountings, diamonds and rings at 59 Maiden Lane.

Incorporators of the Silverware Stocks Co., which filed its certificate at Albany, N. Y., last week, were: E. Carroll, W. H. Randal and H. Caplan, all of New York. The authorized capital is $1,000.

H. Shapiro, 250 Bowery, was discharged in the Centre St. Court last week after being summoned by Mrs. Rose Washington, who accused him of not fulfilling a guarantee made in selling a watch.

Breslavsky Bros., formerly at 654 Broadway, Brooklyn, have opened a new office now at 51 Maiden Lane, where they will take repair orders from the trade. Louis Bloom is now established in the firm's former location.

G. W. Marvin, of the Middletown Silver Co., who formerly assisted Joseph Irons as manager of the New York office at 14 Maiden Lane, will hereafter call on the trade in the smaller towns and cities of the New England States.

A force of decorators has been at work recently in the rooms of the Jewelers Board of Trade, and as a result of their activity the offices are to assume a more attractive appearance. Meantime the routine work of the board continues as usual.

Henry Berguer, 77 years old, formerly employed in a watch case factory in New York, committed suicide Tuesday of last week by hanging himself in front of the house at Vesey and Pacific Sts., Newark, N. J., where he had lived. Of late he had been working as a street cleaner.

L. J. Van Gelder, of Van Gelder, Kahn & Co., 170 Broadway, and his family returned last week on the *Kaiser Wilhelm der Grosse*. While abroad, Mr. Van Gelder says, he bought quite heavily in the diamond markets for his factory in Antwerp. The company is having plans prepared for the construction of a new and larger factory in that city.

The funeral services of John Frederick von Borstel, a salesman who had been in the employ of the Yawger-Demmert Co., New York, and who died suddenly, on a train, while on a western trip, were conducted Friday, of last week, at the home of his brother, Henry von Borstel, 53 Irving Pl., Brooklyn. The interment was in the Lutheran Cemetery.

Leon Hirsch, 37 Maiden Lane, said yesterday that the factory of the Leon Watch Case Co., 16 Boyden St., Newark, N. J., has been operated day and night since early in July, and the orders on hand indicate that it will be necessary to continue this activity through the remainder of the year. He has ordered a quantity of new tools, and when they arrive the working force will be increased.

The Schickerling Mfg. Co., of which Conrad Schickerling is president, has recently established its offices and factory at 51 W. 31st St., and is now making Elk designs, gold jewelry and platinum mountings. The following salesmen have been sent on the road: J. B. Ashton, west; Max Abrams, San Francisco; E. B. Guess, middle west; W. E. Avery, south; E. L. Deacon, southwest; T. M. Schroeder, east.

Wm. Scheer, 544 Fifth Ave., and Mrs. Scheer, on Thursday of last week celebrated quietly the 25th anniversary of the day that Miss Emma Gutman entered their home as housekeeper. She has continued with them since, and her employers showed their esteem by presenting to her a handsome diamond brooch and other valuable articles. The presentation took place at the family's Summer home at Far Rockaway.

According to a report from Middletown, N. Y., Isaac Berkstein, a jewelry salesman having headquarters in the New York Jewelry Store on North St., in that city, was robbed about a week ago of $190 in money and a quantity of diamonds, while he was a guest in a New York hotel. It is said that Mr. Berkstein was awakened in the middle of the night by a noise, and, getting up, saw that somebody had entered the room and had carried away his trousers.

It was reported during the week that a question had arisen between the Diamond Workers' Protective Union and one of the diamond manufacturing companies growing out of a regulation of the union. It was said that the men in the shop of S. L. Van Wezel, 380 Canal St., were preparing to stop work. A reporter called at the shop yesterday, and learned that all the men were working as usual. No interruption is expected by anybody there, it was said.

A. K. Sloan, of Sloan & Co.; E. C. Fitch, president of the Waltham Watch Co., and D. J. Carroll returned recently after passing two months in Labrador, where, they report, they had splendid success in salmon and trout fishing. They were in the best of health and spirits on their return, and said that the outing was thoroughly enjoyed. For some years they have gone to Labrador annually in the early part of each Summer, remaining until the close of the fishing season.

Several diamond and ruby rings said to be worth nearly $1,000 were taken by customs officers from H. S. Vogel, a passenger on the *Blücher*, which arrived last week. According to a story that was told, Mr. Vogel boasted to some of the other passengers on shipboard that it was easy to fool the customs officers, as he would show by bringing in his rings without their knowledge. This remark apparently reached the ears of the authorities, who were on the watch for him when he stepped on the dock.

Secretary Jas. H. Noyes, of the Jewelers' Security Alliance, last week sent a check for $100 to Frank Winkler, Kansas City, Kans., to be given to the detective who arrested Henry White. The latter was taken to the penitentiary at Lansing to serve a 10 years' sentence for entering Mr. Winkler's store. The prisoner, who is a negro, broke the glass in the front door by hurling a brick through it. The jeweler had on display in his window the shield of the Alliance promising $100 reward for the arrest and conviction of any person breaking into the store.

Antique and artistic articles in brass, copper and other materials were recently stolen from the store of Frank Boyles, 345 Fourth Ave. Last Wednesday the police arrested Frank Steinbeck, a porter employed at the store, on the charge of larceny. According to the police, he had furnished his flat with the bric-à-brac and other stolen property, the value of which amounted to several hundred dollars. His wife was amazed when she was told that the pretty ornaments in their home had been stolen by her husband. He was held for the Grand Jury in $1,000 bail, and in default of a bond was sent to the Tombs.

Jules R. Gimbernat was arraigned before Magistrate Breen in the Tombs Police Court, Monday, and held in $1,000 bail for examination to-day, charged with failing to return a diamond ring valued at $100 to Louis D. Folkart, a jeweler, at 14 John St. The latter told Magistrate Breen that he gave Gimbernat the ring on Jan. 19 last upon his promise to sell or return it on the following day. The prisoner was represented by Lawyer Philip Carpenter, who acknowledged his client's liability, but denied that there was any intent to defraud. He said that the ring disappeared from a washroom in the Hotel Seville, while Gimbernat was dressing. Mr. Folkart said that the diamond ring was only one of several articles obtained from him by Gimbernat.

A tall, smooth-faced young man, wearing a long "duster," entered Hayden W. Wheeler & Co.'s office, 170 Broadway, Monday and asked for two gold chains on memorandum for Wm. S. Hedges & Co., who are on a lower floor in the same building. The salesman said that he would send down the chains. The young man seemed impatient and said that a customer was waiting. The salesman cheerily responded that the chains would be rushed down, and there was nothing left for the young man in the "duster" to do except to go away, which he did. When Wm. S. Hedges & Co. received the chains and a bill a few minutes later they sent word that they had not ordered any chains. Nobody could identify the young man who had placed the order.

Joseph Artz, who said that he is a jewelry salesman, last Saturday caused the arrest of two young men, whom he accused of highway robbery on Atlantic Ave., Brooklyn. Mr. Artz was walking along the avenue when the young men snatched a gold mounted briar pipe, which he had been smoking. In his satchel he had watches and jewelry valued at $3,000, he said. Suspecting that the theft of the pipe was a ruse to get him where the thieves could seize his sample case, he did not follow them into a hallway into which they ran. Instead, he walked to the Atlantic Ave. police station and notified the police. The arrests followed. The prisoners, who were identified by the salesman, were Bernard Eicks, 149 Jefferson Ave., and John J. Mullen, 1426 Fulton St. They were held for examination. Mr. Artz lives at 512 E. 81st St., Manhattan.

On complaint of Rafello Ferranini, 212

(*New York Notes continued on page* 69.)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
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CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852

81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

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THE MERCANTILE NATIONAL BANK

of the City of New York announce the removal of their banking rooms to their new quarters in the Western Union Building, 195 Broadway, corner of Dey Street, and invite your inspection of their equipment

WATCHWORD *for the* FALL SEASON *of* 1906 :: :: ::

BIGGER BETTER BUSIER

THIS IS THE SIGN OF THE TIMES :: :: ::

BIGGER BETTER BUSIER

LIKE OURSELVES you are, no doubt, going to be Busier than ever this coming Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory Prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO. INC. 373 WASHINGTON ST. *BOSTON, MASS.*

BIGGER BETTER BUSIER

IMPORTERS MANUFACTURERS AND JOBBERS

·HEINTZ·BROTHERS·

HB RINGS ·BUFFALO·N.Y·



HB RINGS ·BUFFALO·N.Y·

·We Make the Largest Line of Solid Gold Set Rings in America for the Retail Trade·

FAIRCHILD & COMPANY

225 to 233 Fourth Ave. NEW YORK CITY.

Manufacturers of GOLD PENS, PENCILS, PENHOLDERS, SEGAR CUTTERS, SPECIALTIES, PENCILS SET WITH JEWELS.

Style, quality and workmanship acknowledged the very best.

LEROY W FAIRCHILD. GOLD PENS.

Expert WATCH and Chronometer REPAIRING
FOR THE TRADE.
When others fail you we guarantee satisfaction. A trial will convince. Prices very reasonable.
List will be sent on request.
G. OHAN, 37-39 Malden Lane,
Lorsch Bldg., Room 27. NEW YORK.

Horological Department,
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Formerly Parsons Horological Institute,
PEORIA, ILLINOIS.
Largest and Best Watch School in America.
We teach Watch Work, Jewelry, Engraving, Clock Work, Optics. Tuition reasonable. Board and rooms near school at moderate rates Send for Catalog of Information.

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by THE De SELMS CHART SYSTEM, copyrighted and patented. The most simple, practical and up to the minute method of learning.
Saves you time and money while learning and puts you in a position to more than double your income.
50 million timepieces to be repaired. Accurate time is a necessity in the business world. When time is money the watchmaker gets his share of profit. Positions for graduates. Booklet free. Write to-day.
The De SELMS WATCH SCHOOL,
109 Perry Street, ATTICA, INDIANA.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

JOS. NOTERMAN & CO.
DIAMONDS
IMPORTERS AND CUTTERS
Recutting and Repairing odd shaped and chipped stones a specialty. Manufacturers of Mountings and Fine Jewelry. Special Designs Furnished.
CINCINNATI, OHIO.

New York Notes.

(*Continued from page 65.*)

Grand St., New York, the police of Buffalo on Tuesday of last week arrested Enrico Scielzo, an Italian, accused of stealing a quantity of jewelry bought on memorandum. The prisoner was recently discovered by the police in Kansas City, but to avoid extradition proceedings no arrest was made there. A scheme was arranged in accordance with which a fictitious telegram was sent to Scielzo and signed with the name of a friend living at Buffalo. In this telegram Scielzo was urged to hurry to Buffalo. He did so and was arrested as he stepped off the train. Ferranini was in the Buffalo railroad station when the arrest was made and at once identified the prisoner, who was then brought to New York. In the Tombs police court the prisoner was arraigned Monday and held for the Grand Jury. Mr. Ferranini, who conducts his jewelry business at his home, says that he entrusted to the man a pair of diamond earrings valued at $478, and other articles, making a total value of $625. The earrings were subsequently pawned for $400.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ATLANTA, GA., H. A. Maier (Maier & Berkele), I. Goldsmith & Co., 182 Broadway.

BALTIMORE, MD., I. Benesch (I. Benesch & Sons), Navarre.
M. Schnelberger (Goldenberg Bros.), Broztell.
W. W. Frederick (Stewart & Co.), York.

BATON ROUGE, LA., J. K. Roumain, Astor House.

BIRMINGHAM, ALA., F. W. Bromberg, Wellington.

BOSTON, MASS., W. R. De Neil (F. Smith Co.), Herald Sq.
J. W. Hayden, Jr. (H. Siegel Co.), Holland.
G. A. Reidpath (R. H. White Co.), Imperial.
F. Vorenherg (F. Vorenberg & Co.), Herald Sq.

BRIDGEPORT, CONN., F. E. Blake (Smith, Murray & Co.), 55 White St.

BUFFALO, N. Y., W. F. Mitchell (Adam, Meldrum & Anderson Co.), 2 Walker St.
A. E. Sike, Woodstock.

CHATTANOOGA, TENN., W. F. Fischer (W. F. Fischer & Bro. Co.), Imperial.
O. K. LeBron (Edwards & LeBron), Earlington.

CHICAGO, C. H. Hall (Carson, Pirie, Scott & Co.), 115 Worth St.
F. Karel (Carson, Pirie, Scott & Co.), York.
S. T. A. Loftis (Loftis Bros. & Co.), Netherland.
M. A. Eiseman (M. A. Eiseman & Bro.), Cadillac.
J. C. Gardner (Carson, Pirie, Scott & Co.), 115 Worth St.
Miss A. Mulcahey (Boston Store), Wellington.
R. C. Phelps (Montgomery, Ward & Co.), Park Avenue.

CINCINNATI, O., Mr. Moorehouse (The May Co.), 4 Washington Pl.

COLUMBUS, O., F. Philbrick (Bancroft & Co.), Herald Sq.
C. A. Philbrick, Marlboro.

DENVER, COLO., F. Avril (Daniels & Fisher Stores Co.), Flanders.

DETROIT, MICH., Mr. Krausman (Hunter & Hunter), 55 White St.
J. C. Goldenberg (Goldenberg Bros.), Cumberland.

DURHAM, N. C., J. H. Mahler (H. Mahler's Sons), Herald Sq.

GREENSBORO, N. C., I. Schiffman, St. Denis.

INDIANAPOLIS, IND., C. E. Croshy (L. S. Ayres & Co.), Herald Sq.
J. E. Reagan (Baldwin, Miller Co.), Astor House.
S. V. Silverthorne (Pettis Dry Goods Co.), Broztell.

KANSAS CITY, MO., N. B. Goldstein (Missoula Mer. Co.), Woodward.
P. Margolis (Margolis & Metzger), Park Avenue.
C. A. Kiger, Herald Sq.

LEXINGTON, KY., M. S. Willett (M. A. Ketcham), Albert.

MEMPHIS, TENN., C. Wilms, Herald Sq.

MONTGOMERY, ALA., A. W. LeBron (LeBron Jewelry Co.), Earlington.
G. Loeb, Herald Sq.

NASHVILLE, TENN., N. B. Shyer, Grand.

NEWBURG, N. Y., L. Kades, Astor House.

NEW HAVEN, CONN., Miss Pattee (Howe & Stetson Co.), Prince George.

NEW ORLEANS, LA., B. Barnett, Park Avenue.
G. Hausman (T. Hausman & Sons), Arnstein Bros. & Co., 65 Nassau St.
A. M. Hill, Wellington.
H. W. Frantz (Wm. Frantz & Co.), Astor House.

NORWICH, CONN., F. J. Stanley (Porteous & Mitchell), 55 White St.

PHILADELPHIA, PA., E. Boehm (Gimbel Bros.), Albert.

PITTSBURG, PA., W. J. Sample (J. C. Grogan & Co.), Breslin.
B. Nieman, Herald Sq.

PITTSTON, PA., E. W. Brown (Brown & Co.), Herald Sq.

RALEIGH, N. C., F. W. Mahler (H. Mahler's Sons), Herald Sq.

READING, PA., C. D. Laubach (C. K. Whitner & Co.), Grand.

ST. LOUIS, MO., L. P. Aloe (A. S. Aloe Co.), Hoffman.
T. F. Gerlach, Empire.
L. W. Waldecker (F. W. Drosten Jewelry Co.), 79 E. 124th St.
A. H. Williams (Graves China Co.), 34 W. 11th St.

SCRANTON, PA., A. B. Cohen, Broadway Central.
S. V. Bippus (Jonas Long's Sons), Woodstock.

SYRACUSE, N. Y., Miss A. M. Smith (E. W. Edwards & Son), Prince George.

TERRE HAUTE, IND., F. Kundler (Root Dry Goods Co.), Cumberland.

TOLEDO, O., Miss W. L. Jones (Lion Dry Goods Co.), Prince George.

TOWANDA, PA., M. Hendleman, Astor House.

UTICA, N. Y., M. Fuhrman (A. S. & T. Hunter), 55 White St.

WACO, TEX., J. Levinski, 635 Broadway.

WASHINGTON, D. C., W. Coleman (M. Goldenberg), Grand.
S. Desio, Breslin.
T. F. Kinnan (S. Kann's Sons & Co.), Grand.

WHEELING, W. VA., J. S. Gibb (Delaplain Dry Goods Co.), Imperial.

WORCESTER, MASS., J. E. Hogan (Denholm & McKay Co.), Woodstock.
A. J. Moir (John C. MacInnes Co.), 55 White St.

Jewelers Gold Bars Withdrawn and Exchanged at New York.

Week Ended Aug. 11, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$423,614.90
Gold bars paid depositors	67,829.76
Total	$491,444.66

Of this the gold bars exchanged for gold coin are reported as follows:

Aug.	6	$92,125.22
"	7	61,008.72
"	8	112,552.86
"	9	66,069.27
"	10	86,717.67
"	11	5,141.16
Total		$423,614.90

Boston.

E. A. Cowan started last week for the Pacific coast on an extended business trip.

H. L. Houghton is passing the greater part of the Summer season on his farm at Poland Springs, Me.

E. M. Wilder, engraver for the trade, has been at his Summer home in Orleans, Mass., during the first half of August.

Buyers in town during the past week included: C. A. Senter, Lawrence; Frank Foster, for E. E. Cheney, Nashua, N. H.

W. R. Donnell, formerly in the watchmakers' department at Bigelow, Kennard & Co.'s, has gone to Brunswick, Me., to engage in business on his own account.

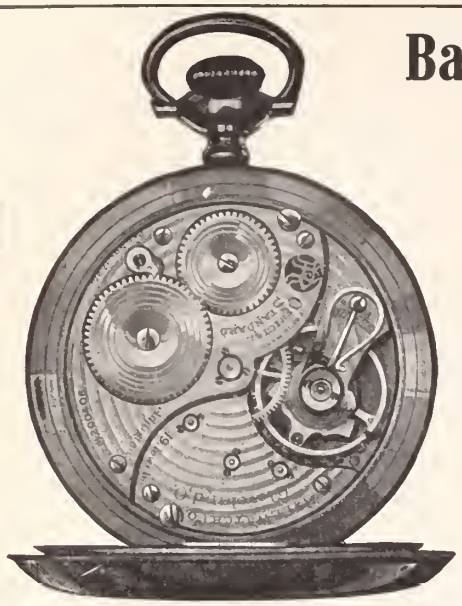
Friends of David Nemser, whose vacation at Foxboro, Mass., came to an abrupt and painful end with the fracture of his leg by an accidental fall, are pleased to learn that he is recovering rapidly, and will soon be able to return to business.

C. A. Gaudette, Fall River, who was a guest of a party of Boston jewelers, 14 in number, who went down the harbor on a fishing excursion one day last week, was the prize winner of the occasion, taking the awards for both the largest and smallest fishes caught.

Joseph Butler, aged 25, a jewelry salesman living at 170 Maple St. with his family, tried to commit suicide Aug. 12 after setting fire to his home, according to a story told by Special Officer Sears, who rushed to the house and succeeded in extinguishing the fire. The officer, after putting out the fire, sent Butler to the police station, where he was locked up. Financial troubles are said to be the cause of Butler's despondency.

While on his way through Portland St. to the North Station Monday night, carrying in his hand a leather case which contained hundreds of dollars' worth of diamonds and sample pieces of jewelry, Joseph Gebhard, a traveling representative for a large New York jewelry concern, was set upon by three footpads, who, in a bungling way, tried to snatch the valuable case. Mr. Gebhard wielded his gold-headed cane upon the footpads' heads with such telling force that the would-be robbers were beaten off. They escaped through dark alleys, and the police are looking for them.

The large silver cup offered by Sir Thomas Lipton as a trophy for yachtsmen in this country was declared dutiable by Boston appraisers Aug. 9, when it was examined by Custom House officials. As a result the cup, which is valued at $1,000, was assessed an ad valorem duty of 45 per cent. The assessment of the duty was protested by Frank L. Roberts, a local broker, to whom the cup was assigned, but the appraisers held to their opinion. The matter was finally adjudicated by the authorities at Washington, and allowed to enter free. The appraisers' opinion was based upon the technical inference placed upon the word "bestowed," the appraisers claiming that the cup was not "bestowed" upon any one, but that it was sent here for competition. The cup is for a series of races under the management of the Boston Yacht Club, open to yachts of the Massachusetts Yacht Racing Association.



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Vol. LIII. CHICAGO, WEDNESDAY, AUGUST 15, 1906. No. 2.

Chicago Notes.

R. H. Miller and Mrs. Miller, Algona, Ia., are visiting friends here.

John Hillinger, of R. J. Hillinger & Co., has left for a six weeks' trip to the coast.

M. A. Mead, of M. A. Mead & Co., made a short business trip to Pittsburg last week.

George Spies, of Spies Bros., is taking a little outing at Geneva Lake and Delavan, Wis.

C. L. Watson, of Watson & Newell Co., visited the trade here for a few days last week.

Walter Boss, of the Standard Button Co., Attleboro, Mass., is visiting the trade in Chicago.

Ed Johnson, of R. M. Johnson & Son, starts on his Fall trip through the west this week.

S. T. A. Loftis, of Loftis Bros. & Co., made a short business trip to New York last week.

Will Juergens, of the Juergens & Andersen Co., is spending his vacation at Power's Lake, Wis.

Harry Smith and A. W. Hazen, with the Geneva Optical Co., have started on their Fall trips.

W. E. Bentley, of the western office of Stern Bros. & Co., is enjoying an outing at Sodus, Mich.

H. L. Page, of the American Silver Co., has just returned from a visit to the factory at Bristol, Conn.

Frank W. Alter, of Holsman & Alter, is taking a two weeks' vacation at Atlantic City, N. J., with his family.

B. Grieshaber, of B. Grieshaber & Co., is at Bass Lake, Ind., with his family, where his Summer home is located.

F. M. Sproehnle, of Sproehnle & Co., has left for an extended vacation at Montreal, Can. His family preceded him.

E. H. Banker and E. Ranker, representing the M. S. Benedict Mfg. Co., have started on their Fall trips to the coast.

S. Goldsmith, of Goldsmith Bros., is enjoying a vacation with his family at Camp Arcadia, near Ludington, Mich.

J. M. Tuttle, silver buyer for Hyman, Berg & Co., is spending his vacation among the lakes of northern Wisconsin.

Mr. Haskell, representing J. J. Freeman & Co., Toledo, O., was in this city recently, purchasing new fixtures for the store.

A. Harper, local manager of the American Silver Co., is making an automobile trip to Milwaukee, Waukesha and Wisconsin points.

Clement A. Clement, Springfield, Mo., stopped here on his way to Mackinaw, Mich., last week, where he will spend his usual outing.

E. E. Wilber, Danville, Ill., has been in Chicago the past week buying a stock of jewelry which he proposes to add to his optical business.

E. W. Keating, who formerly represented Otto Young & Co. on the road, has accepted a position with Mack A. Hurlbut, Fort Dodge, Ia.

Neal Vanderwolf, assistant manager of the Chicago office of Watson & Newell Co., is visiting the factory at Attleboro and other eastern points.

E. L. Hall and wife, Avon Park, Fla., passed through here on their way to spend their golden wedding at the home of their daughter at Omaha, Nebr.

Charles A. Bacon, who was in the employ of R. I. Campbell while the latter was in business at Golden, Colo., has opened up a jewelry store at 827 W. 63d St., this city.

D. C. Minton, of the Minton Jewelry Co., formerly located at El Reno, Okla., was here recently, buying stock. He reports that the company is removing to Oklahoma City, Okla.

A. G. Clang, formerly in business at Albion, Nebr., will take charge of the store of C. Edwards, Western, Nebr. Mr. Edwards is of the road force of E. A. Dayton & Co.

Jacob Franks, manager of the Chicago office of the Rockford Watch Co., and S. C. Eppenstein, of the Illinois Watch Case Co., are spending their vacations at Ottawa Beach, Mich.

Geo. Kuehl & Co., importers and manufacturers of cuckoo clocks, will remove this week from 178 Randolph St. to their new and more spacious building at 80 and 82 Wabash Ave.

Neill Wood, formerly with M. A. Rentz, Wells, Minn., has located at Manson, Ia., where he will shortly open a jewelry store. He was in Chicago during the past week selecting stock.

A. Rodelius, of Rodelius & Rosen, Evanston, Ill., was taken suddenly ill while in this city buying a few days ago. He was removed to a hospital, but is now, however, quite well again.

L. F. Andrews, who until about a year ago, was the popular western salesman for E. A. Dayton & Co., has organized the Equitable Investment Co., with offices at Los Angeles, Cal.

Mr. Erickson, of Erickson & Howe, Douglas, Ariz., has been paying a visit to his native city of Adrian, Mich. He stopped in Chicago long enough to order Fall stock and new fixtures for his store.

N. Wechter and H. Cohen, of the office force of the Stein & Ellbogen Co., are spending their vacations in Michigan. Ed. Fry, of the same company, left for his Fall trip through the northwest Monday.

Herbert W. Allen, of H. W. Allen & Co., reached New York Saturday via the *Kaiserin Auguste Victoria* from Cherbourg, France. Mr. Allen has spent some two months abroad, visiting Antwerp, Amsterdam and other diamond centers, buying for his house.

H. J. Teufel, of the Shrouds-Adcock-Teufel Co., is spending his vacation near Ashland, Wis. Mr. Adcock, of the same company, left, Aug. 15, for his usual Summer outing at Asbury Park, N. J. Incidentally he will visit the trade in New York.

The following out-of-town buyers were in this city during the past week: E. B. Wade, Galesburg, Ill.; C. W. Bollinger, Oskaloosa, Ia.; Fred. Evans, of Fred. Evans & Co., Le Mars, Ia.; George M. Howe, Wichita, Kans.; H. G. Anderson, Fremont, Nebr.; Max J. Egge, Grand Island, Nebr.; H. C. Leach, Beaumont, Tex.; C. L. Furnald, of Furnald & Co., and wife, Carroll, Ia.; P. H. McBride, Kearney, Nebr.; F. M. Tharnish, Audubon, Ia.; M. A. Rentz, Wells, Minn.; R. P. Hutchinson, Nashville, Tenn.; J. S. Pieringer, of J. S. Pieringer & Co., Bedford, Ia.; James H. Whiteside, Liberty, Mo.; Mr. O'Brien, of Elgin Jewelry Co., Keokuk, Ia.; John Sonin, Fremont, Nebr.; W. H. Carew, Streator, Ill.; C. I. Josephson, Moline, Ill.; Albert H. Pike, Rockford, Ill.; Michael Miesch, Muskogee, Ind. T.

The Johnson Jewelry Co., Colorado Springs, Colo., has just installed a new clock in front of its store at 26 E. Pike's Peak Ave. The clock was made by the E. Howard Clock Co.

To Jobbers Only.

SEE

Wee Maykum

OUR

Yew Kneedum

LINES

Wee Cellum

OF

Diamond Bunch Rings and Diamond Mountings.



Cincinnati.

M. Richen, with Joseph Mehmert, has just returned from a two weeks' vacation.

N. Hahn, with Lindenberg, Strauss & Co., leaves next week on his western trip.

Arno A. Dorst, of the Dorst Co., sailed on the steamer *Rhein* from Baltimore to Bremen, Aug. 8.

M. Schwab, of A. G. Schwab & Bros., with his family, has returned from Atlantic City, N. J.

E. J. Fox, of Lindenberg & Fox, First Lieutenant of the Ohio National Guards, left last week with his company for camp.

John Osthoff, with Jos. Noterman & Co., and his family have returned after a visit of five weeks with relatives in the mountains of North Carolina.

Frank Herschede, of the Frank Herschede Co., with his family recently made a trip from Cincinnati to New York, in eight days, in his new automobile.

Henry Fox, of Fox Bros. & Co., will leave this week for Michigan Summer resorts. I. N. Fox, of the same firm, will soon leave on a business trip to the Coast.

Clarence Loeb, of Herman & Loeb, is spending his vacation at Crystal Lake, Mich. E. Herman, of the same firm, returned from a successful business trip during the past week.

Out-of-town dealers who replenished their stock here during the past week included: I. N. Pollack, Ashland, Ky.; R. Baldwin, of Baldwin Bros., Winchester, Ky.; John Knocke, Lexington, Ky.; Philip Horr, Aurora, Ind.; Jos. H. Drake, Lebanon, O.; S. A. Burgoyne, Mobile, Ala.; J. W. White, of J. W. White & Co., Clifton Forge, Va.; F. A. Schweeting, Oxford, O.; G. E. Smith, Parkersburg, W. Va.; H. Bergeda, Nashville, Tenn.; C. G. Schlenker, Hickman, Ky.

Cleveland.

The traveling force of the Sigler Bros. Co. left on their Fall trips last week.

Traveling men for the Bowler & Burdick Co. all left on their Fall trips a few days ago.

J. E. Micks, of J. E. Micks Co., Elkhart, Ind., and his wife, were in the city on business, last week.

Gus. King, of King, Raichle & King, Buffalo, N. Y., called on some of the local wholesale houses here last week.

The date of the marriage of Miss Mildred Lorinda Sigler, daughter of C. C. Sigler, of the Sigler Bros. Co., to Harry Gilbert Blanchard is Aug. 30, at the Summer home of the bride's father, "The Maples," Cortland, O. They will be at home, 2050 E. 88th St., after Nov. 15.

Among the visitors in this city during the past week were the following: Mrs. F. N. Prevey, Akron; Louis A. Ott, Mansfield; Mrs. B. F. Phillips, Cuyahoga Falls; E. E. Critz, Lorain; Neff D. Crampton, Burton; Mr. Judkins, Judkins & Co., Flushing; A. P. Humphreys, Bellefontaine, and W. C. Fisher, Lorain.

The store of G. H. Campbell, Hot Springs, Ark., was robbed by a sneak thief recently While the proprietor was at dinner the thief unlocked the place and looted it of all the watches and jewelry of value that were outside the safe.

Kansas City.

G. L. Holdren, Nardin, Okla., was in Kansas City last week, visiting his brother.

P. F. Murray, with C. A. Kiger, went to Warrensburg, Mo., for a couple of days last week.

W. M. Smith, of the Cady & Olmstead Jewelry Co., has gone to Nebraska on a vacation trip of a month.

The Keystone Jewelry Co. has moved to its new location, in the store formerly occupied by Harry B. Woolf.

Frank Callahan has been bound over to the criminal court on the charge of robbing the jewelry store of T. Brenner.

C. A. Kiger, of the wholesale firm of C. A. Kiger, has gone to New York on a buying trip of a couple of weeks.

F. H. Woods, credit man for the Edwards & Sloane Jewelry Co., left this week for a fishing trip to the Ozark country.

W. T. Jordan, Windsor, Mo., and his wife stopped off here last week, while on their return from a vacation trip to Colorado.

Mrs. Walter Starcke, who has been taking a course in engraving in Kansas City, has returned to her home in Junction City, Kans.

E. A. Hosier, of the Cady & Olmstead Jewelry Co., has returned from a pleasant vacation trip to Plum Lake, in Northern Wisconsin.

Ed. Levin, St. Joseph, Mo., was in Kansas City last week, taking some special instruction with the Kansas City Polytechnic Institute.

Mr. Kionka, of Kionka & Kionka, leaves this week for his Summer vacation, and will pay a visit to his brothers, who live in Wisconsin.

Word reached the city from Macon, Mo., last week of the marriage of Thomas A. Craig, a jeweler of that city, to Miss Hattie L. Smiley.

Harry Paulson has returned from a vacation of a month, spent in Texas, and will resume his studies with the Kansas City Polytechnic Institute.

T. Wagner, the new partner of Kionka & Wagner, New York, is expected in Kansas City within a week, to pay a visit to the house of Kionka & Kionka.

Edward L. Chamberlain, manager of the material department of the Emery, Bird, Thayer Dry Goods Co., left last week for a visit to the New York market.

The Crown Jewelry Co., which was forced to move out of its old location on Main St., on account of the building being torn down to make place for a larger one, has moved to Los Angeles, Cal.

L. R. Hassig, of the Hassig & Krieke Jewelry Co., has been unable to visit the office this week. This is his second illness for this Summer, and his friends were a little worried over him, but everything now seems to indicate a speedy recovery.

The following out-of-town jewelers were in this city during the past week: R. C. Everts, Weatherford, Okla.; P. D. Chastain, Gentry, Ark.; G. B. Douglas and wife, Pleasant Hill, Mo.; W. A. Hyde, Ottawa, Kans.; S. J. Huey, Excelsior Springs, Mo.; J. W. Phillips, Chanute, Kans.; Roy Redfield, Tonkawa, Ind. T.

Fred. Decker and H. H. Roman, Brooklyn, N. Y., who came west to work in the harvest fields of Kansas, were arrested here upon a charge of breaking into the jewelry store of Grimm & Smith, and stealing $2,800 worth of jewelry. Decker, who is 16 years old, was sentenced to two years in the reform school but was given stay of execution upon his promise to pay the jewelers $300, which would reimburse them for the jewelry they failed to recover from the thieves. Roman, who is 20 years old, was bound over to the criminal court.

St. Louis.

M. C. Scott, Wright City, Mo., was a visitor in the local market last week.

Gus Young, Moberly, Mo., was here last week, combining business with pleasure. H. P. Hall, Carthage, Mo., was another visitor.

Theodore Ebeling, formerly a North St. Louis jeweler, is now connected with the material department of the Bauman-Massa Jewelry Co.

The Rowley Ophthalmological College recently removed from the Holland building to 4035 Olive St. The new quarters are much larger than the old.

Henry Holtz, manager of the jewelry store of J. L. Freund, is spending a week at Buffalo, N. Y., where he is the guest of Jacob and Herman Freund.

The Eisenstadt Mfg. Co. expects to be able to move very soon to its new quarters in the Star building, 12th and Olive Sts., from the Holland building.

M. Schinderman returned recently from a successful business trip through Missouri and Illinois for the L. Bauman Jewelry Co., and departed again for a trip through Kansas and Iowa.

The Jno. Bolland Jewelry Co., 513 Locust St., has on exhibition in its window a number of silver cups and trophies to be contested for at the golf tournament to be held at the Glen Echo Country Club.

The employes of the Bauman-Massa Jewelry Co. recently presented to S. H. Bauman, president of the company, a leather couch for his private office. This was in celebration of the 25th anniversary of the founding of the establishment.

Fire in the building at 5244 Shore Ave., last week, damaged the stock of Anton Mozello, a jeweler, who lived with his family in the rear of the store. Mr. Mozello's wife and two children were asleep at the time of the fire, and were rescued by a policeman.

The Mermod, Jaccard & King Jewelry Co. manufactured seven of the gold medals to be contested for at the picnic to be given by the St. Louis House of Delegates, Aug. 18. This firm also displays in one of its Locust St. windows the cup to be contested for by the St. Louis Turners' Baseball League.

Five men giving their names respectively as D. Freedman, W. Vengetzler, 2009 Market St.; John Powers, 2705 Fall Ave.; J. Williams, 9th and Chestnut Sts., and H. Casey, were taken into custody a few weeks ago, accused of being implicated in the recent robbery of the Remoh Jewelry Co.'s store. Freedman, who claims to be only 16 years of age, is said to be the leader of the gang. Pawnbrokers positively identified him as the boy who pawned gold-plated watches in their establishments.

Omaha.

C. L. Shook, of the Shook Mfg. Co., is in Chicago on business.

H. S. Bostock, Culbertson, Nebr., has sold his jewelry store.

E. Paul Shaw, with S. W. Lindsay, has gone to visit his parents at Bellefontaine, O.

S. V. Gustavson, of P. E. Flodman Co., has returned from a fishing trip in Minnesota.

Frank Van Rensselaer, in the employ of Albert Edholm, has gone to Texas to visit relatives.

C. B. Brown, of Brown & Borsheim, accompanied by his wife, has returned from a trip to New York.

L. A. Holiday, formerly with Albert Edholm, has left for Douglas, Wyo., where he has taken a position.

H. H. Truer, traveling representative for the A. F. Smith Co., is making a successful trip through the Black Hills.

Sol Bergman, of the Sol Bergman Jewelry Co., is at present making a business trip through the Black Hills.

Mr. Combs, well known here, and a new jeweler at Kenesaw, Nebr., is located in Ragdale's drug store, at that place.

A. Holmberg, who recently accepted a position with S. W. Lindsay, has moved his family to this city from Chicago.

E. I. Jones, formerly watchmaker for S. W. Lindsay, but later with a Kansas City firm, has left that city and taken a position at Seattle, Wash.

The Mawhinney & Ryan Co. supplied the 11 silver prizes to be given at the "Middle West" Tennis Tournament, which opened at the Field Club in this city.

T. J. Brunner, traveling representative for the A. F. Smith Co., accompanied by his wife, is the guest of Mr. and Mrs. Louis Smith, Lexington, Nebr.

H. Testroet, Persia, Ia.; J. A. Reuling, Wymore, Nebr.; Hilmar G. Anderson, Fremont, and C. F. Collins, Dunbar, were in this city last week, purchasing stock.

Albert Edholm made the handsome gold medal which was presented by the Krug Park management to Prof. Garguilo, whose Italian concert band was playing an engagement at that park.

Minneapolis and St. Paul.

TRADE CONDITIONS.

The 40th annual encampment of the Grand Army of the Republic opened in Minneapolis, Aug. 13, and will continue until Aug. 18. The crowd in attendance is expected to number possibly 200,000. They have been arriving for a week in advance, and the result should be good to the jewelry trade in the way of sales for souvenir articles of various kinds. While it is not expected that there will be any great volume of business in the more expensive goods, it is probable that the sale of small articles will amount to a good total.

Albert Veloux, watchmaker for A. U. Wetsel, Minneapolis, has resigned his position.

The Reed-Bennett Co., Minneapolis, has put on a new man for the southern Minnesota territory, L. J. Rice, formerly with Lapp & Flershem, of Chicago.

The friends of A. E. Paegel, Minneapolis, feel well pleased at his election to one of the offices of the National Association. Mr. Paegel is a hard worker, enthusiastic, ener-

TRADE BM MARK

1881 1906

Twenty-Fifth Anniversary

TRADE BM MARK

1881

OUR MFG. DEPT. enlarged and newly equipped with every modern appliance, offers unusual facilities for prompt work in both

REPAIRING and NEW WORK

of every description.

1906

WE are pleased to announce to our many friends and patrons that we are now entering on our 26th year of continuously increasing business and with the recent improvements in our store now occupy the largest and finest quarters of any jobbing jewelry house in the country. We extend our thanks for past favors and invite all jewelers to call and see us.

BAUMAN-MASSA JEWELRY CO.

COMMERCIAL BUILDING

6th and Olive Sts., ST. LOUIS, MO.

Importers of Diamonds and Precious Stones

JOBBERS OF

Elgin, Waltham and Hamilton Movements and Boss, Crescent and Crown Cases, Gold and Filled. Fine Gold Jewelry, Tools, Materials and Optical Goods.

1881

Floor Space 300 square feet

Present Floor Space 7000 square feet

1906

TRADE BM MARK

TRADE BM MARK

getic and capable, and has done much for the Minnesota association since he has been its president.

Herman Segerstrom, formerly in business at Ironwood, Mich., has been in the Twin Cities buying stock for a new store which he is about to start at Wallace, Idaho.

Among the out-of-town jewelers who recently visited the Twin Cities were: Mr. Clark, of Clark Bros., St. Cloud, Minn.; R. Rasmussen, Kettle River, Minn.; Frank Hasse, Chaska, Minn.; Julius Anderson, Mora, Minn.; O. Larsen, Bowdle, S. Dak.; John Saxine, Prescott, Wis.; E. L. Wentworth, Kasson, Minn.; F. W. Estabrooks, Blackduck, Minn.; C. O. Borgersrode, Winsted, Minn.; F. D. Day, of F. D. Day & Co., Duluth, Minn.

Indianapolis.

Edward Craft, of the A. P. Craft Co., has returned from a two weeks' vacation trip to Bass Lake.

John Williams, watchmaker for J. H. Reed, has taken a position as watchmaker and engraver with Reis & Armstrong, Macon, Ga.

David S. Gribben, of Gray, Gribben & Gray, is expected home from Europe next month. He left early in May with his family for a four months' trip through England, France and Switzerland.

A description of the merchandise stolen last week from the store of Louis J. Libbing & Co., at Ft. Wayne, has been received by Chief of Police Metzger. A description of the persons thought to have robbed the store has also been sent here.

Among the out-of-town jewelers who visited the local jobbers and manufacturers last week were: Sol. Pennington, Knightstown; J. A. Meissen, Cicero; D. S. Whitaker Lebanon; J. A. Pickett, New Castle; H. Wheeler, Dana; J. F. Harding, Brownsburg, and Aaron Pursel, Noblesville.

Hundreds of dollars' worth of broken-up jewelry was found last week by the police in an empty lot in Haughville, a remote section of Indianapolis. It was the booty of George Cousins, the negro burglar arrested recently after terrorizing the fashionable residence part of the city. Cousins, who confessed to robbing 30 or more homes, asserted when arrested that a prominent manufacturing jewelry firm had bought his booty and melted it up for use in gold and silver manufacture. Even when confronted by the members of the firm in question, the prisoner stuck to his story. The police made an investigation and then vindicated the firm. The finding of the jewelry exonerates the firm completely. All the stolen goods had been broken up in small pieces.

Thieves broke into the general store of C. Ostenberg, Mead Harbor, Nebr., about a week ago and stole about $50 worth of jewelry and watches.

Henry S. Zinn, a jeweler at Hutchinson, Kans., is circulating a petition asking the Common Council of that city to pass an ordinance that will result in the closing of all stores on Sundays. Business men in other lines are co-operating with Mr. Zinn.

San Francisco.

Hyman Bros. have opened a store at 1901½ Post St.

C. Leny's loan office has been opened at 1100 Fillmore St.

George N. Franklin has opened at 1790 O'Farrell St., with a stock of diamonds, watches and jewelry.

R. & L. Meyer, successors to I. L. Phillips & Co., are now located at 1625 Post St., where a full line of watchmakers and jewelers' supplies is at hand.

The Alphonse Judis Co., formerly in the Mutual Savings Bank building, is to go back to the old stand as soon as its rooms can be fitted up for occupancy.

The store of J. R. Jenkel has been opened at 1336-1340 Van Ness Ave., and a first class optical department is now in operation, with Edwin Burke Connolly in charge.

Hammersmith & Field, who employed two watchmakers at the old Kearny St. store, now keep five busy in the new location. No diamond jewelry is kept in stock at present.

The Alexandra jewelry store has opened at Pine St. and Van Ness Ave., and now has one of the largest stores in San Francisco. In addition to the regular line of jewelry, a full line of fancy leather goods is carried.

The following jewelers were here during the past week visiting the wholesale trade: N. Van Kammen, San Mateo; Mr. Watson, of the Watson Jewelry Co., Coquille, Ore.; Louis Hunzcker, Pendleton, and F. C. Ewert, Woodland.

Quite a colony of jewelers is now located in the building at 1324 Geary St. A. Eisenberg & Co., of 126 Kearny St., have temporary quarters there, and others who are conducting their business there are Jos. H. Ames, diamond setter; H. E. Charlett, engraver, and Charles H. Young, manufacturing jeweler.

The wareroom at 1263 Broadway, Oakland, Cal., occupied by Nathan Sons, jewelers, and R. W. Vincent, stationer, was entered last week. The burglar gained entrance by cutting out a panel in a rear room. The thief secured three dozen fountain pens, a lot of gold pen points, cuff buttons, eyeglasses and stationery.

Shreve & Co.'s temporary building at Van Ness Ave. and Sacramento St. is rapidly assuming form and will be ready for occupancy in about a month. This structure will be one of the handsomest on the avenue, its architecture being that of the Italian renaissance. The exterior will be finished in cement and the interior will be elaborately decorated. The Post St. building is being put into shape, and it is expected that this can be occupied in about six months and, as formerly, the first two floors will be reserved for the store and shop.

The wholesale jewelers are getting back to the old quarters around 3d and Market Sts. as fast as possible. M. Schussler & Co., one of the largest wholesale houses in the city, formerly located in the Spreckles Annex, have announced that they have leased almost the entire third floor of the Mutual Savings Bank building on Market St., opposite 3d St., and that they will move in as soon as practicable, possibly in November. After the fire this firm moved to Oakland, but later returned to this side of the bay and took quarters in the Radke building at Bush St. and Van Ness Ave.

Pacific Coast Notes.

M. K. Giant, Vallejo, Cal., has returned from a two weeks' visit at Anderson Springs.

A force of mechanics are engaged in remodeling the interior of the Helmsen building, Riverside, Cal., which will be occupied when completed by B. Hartfield with a large stock of jewelry. A new plate glass front will be installed and other improvements made.

Harry J. Carey, a jeweler of Los Angeles, charged with having embezzled a ring valued at $60 from Jos. Engert, Hotel Vendome, that city, was examined before Police Judge Chambers recently and held on $1,500 bonds to appear before the superior court for trial. It is claimed by Engert that Carey secured the ring to clean and repair, and instead of doing so pawned it and left the city. Carey was arrested in Sacramento several days ago and was brought back by Detective Steele.

Pacific Northwest.

J. W. Goldstein, Seattle, Wash., was recently charged with swindling Chas. W. Homan by selling him a bogus watch.

R. W. Boyle, Flagstaff, Ariz., accompanied by his family, is looking over Pt. Orford, Ore., with a view of permanently locating at that place.

The body of Charles Cox, a jeweler of North Vancouver, was found at North Vancouver, a short time ago. Cox has been missing for a month, and when the body was searched an uncashed check and a farewell note were found.

I. J. Sharick, Juneau, Alaska, has secured the agency in Juneau, for the official emblem of the Alaska-Yukon-Pacific Exposition. The emblem is a fac-simile of an Alaska nugget, beautifully engraved with a profile of William H. Seward.

The erection of a ten-story building by the Corbett estate, at the corner of 5th and Morrison Sts., Portland, Ore., has necessitated the vacating of the premises by Jaeger Bros., who began business there five years ago. Since moving into the new quarters at 133 5th St. they have added another watchmaker and optician to their force.

In regard to the statement that W. I. Creelman, who was shot by H. W. Hood, special police officer, while looting a jewelry store at 8 Bernard St., Seattle, Wash., was in the employ of the North ern Pacific Railway Co., Joel S. Hindman, detective for that company, says that Creelman was not enrolled on the books as a detective for the road, but was being held by him (Hindman) as a witness in an important case on which detectives are now working.

Henry Meyer, a jewelry peddler of Memphis, Tenn., recently caused the arrest of Maud Best, a negro woman, who, he claimed, robbed him of a gold watch while he was calling at her house to collect an instalment due on some jewelry.

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INDEX TO ADVERTISEMENTS.

Aikin-Lambert Co. 112
Allsopp & Allsopp 27
Alvin Mfg. Co. ..... Inside front cover
American Gem & Pearl Co. 58
American Platinum Works 112
American Ring Co. 34
American Silver Co. 39
American Watch Case Co. 24
Apollo Silver Co. 108
Arch Crown Mfg. Co. 64
Arnstein Bros. & Co. ..... 48, Outside back cover
Ascheim, Jules 76
Austin, John, & Son ..... Outside back cover
Aztec Turquoise Co. 56
Bagg, Perine & Co. 54
Ball, Webb C., Watch Co. 70
Baschkopf, Jacob 46
Bassett Jewelry Co. 36
Bates & Bacon 25
Bauman-Massa Jewelry Co. 74
Berge, J. & H. 109
Bigalke & Eckert Co. 60
Bigney, S. O., & Co. 4
Billings, Chester, & Son 50
Bing, Ferdinand, & Co.'s Successors 104
Bishop, R. W. 109
Blackinton, R., & Co. 18
Blackinton, W. & S., Co. 12
Blancard & Co. 98
Borrelli & Vitelli 60
Bowden, J. B., & Co. 26
Bradley Polytechnic Institute 68
Brower, Maurice 50
Bruhl Bros. & Henius Co. ..... Outside back cover
Bryant, M. B, & Co. 26
Buckley, Sam'l, & Co. 27
Bunde & Upmeyer Co. 48
California Jewelry Co. 58
Carrington & Co. 28
Carter, Howe & Co. 29
Chatham National Bank 66
Chopard Frères 23
Cohen, Jules E. 56
Conley & Straight 102
Cooper Diamond Co. 50
Cottle, S., Co. 30
Crohn, M. 60
Cross & Beguelin 38, 64
Crouch & Fitzgerald 36
Day, Clark & Co. 30
Depasse Mfg. Co. 27
De Selms Watch School 68
Diamond Point Pen Co. 102
Didisheim, Hipp., & Bro. 93
Donnelly, J. J. 112
Doran, Bagnall & Co. 36
Dorflinger, C., & Sons 106
Dubois Watch Case Co. 94
Dulk, Robert 32
Dunbar, Leach, Garner Co. 102
Durand & Co. 28
Eichberg & Co. 56
Elgin National Watch Co. 86
Eliassof Bros. & Co. 77
E. P. H. Chain Catch 109
Fahys, Joseph, & Co. 1
Fairchild & Co. 68
Favre-Jacot, Georges, & Co. 88
Feeley, W. J., Co. 34
Follmer, Clogg & Co. 23
Forman Co. 109
Forsinger, J. W. 88
Foster, Theodore W., & Bro. Co. 40
Freund, Henry, & Bro. 31
Friedlander, R., L. & M. ..... Outside back cover
Garreaud & Griser 58
Gesswein, F. W., Co. 102
Goodfriend Bros. 52
Gorham Co. 62
Gougelman, Paul 98
Griffoul, August 102
Guardian Trust Co. 66
Hagstoz, T. B., Ltd. 112
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 111
Harris & Harrington ..... Outside back cover
Hedges, A. J., & Co. 28
Hedges, Wm. S., & Co. 52
Heintz Bros. 68
Heller, L., & Son 46
Herpers Bros. 102
Herring-Hall-Marvin Safe Co. 82
Hirsh & Hymau ..... Outside back cover
Hodenpyl & Walker 46
Hoe's, James C., Sons 98
Hold-On Clutch Co. 33
Holsman & Alter 92
Holtzer-Cabot Electric Co. 111
Honesdale Decorating Co. 108
Hotel St. James 58
Howard, E., Clock Co. 94
Hraba, Louis W. 110
Humphrey, John B., Co. 77
Hutchison & Huestis 37
Illinois Watch Co. 8
International Gem Co. 56
International Silver Co. 17
Jacot Music Box Co. 98
Jeandheur, F., Jr. 102
Jeanne, Frederick A. 52
Jewelers' League 76
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 70
Juergensen, Jules 30
Kahn, L. & M., & Co. ..... Outside back cover
Kassel, Abe 109
Kaufman, Louis, & Co. 52
Keck, Herman, Mfg. Co. 70
Kent & Woodland 31
Ketcham & McDougall 98
Klipper Bros. 92
Kohlbusch, Herman, Sr. 102
Kohn, Alois, & Co. 29
Kohn & Co. 31
Koshland & Italie Co. 33
Kuehl, Geo., & Co. 95
Lackner & Ohl 98
Langendorf Watch Co. 93
Larter & Sons 42
Lederer, S. & B., Co. 34, 36
Lelong, L., & Bro. ..... Outside back cover
Leon Watch Case Co. 80
Levy, Robert 22
Lewy & Cohen 33
Libbey Glass Co. 106
Lisner, D., & Co. 22
Lissauer & Co. 46
Loeb, Wm., & Co. 34
Lorsch, Albert, & Co. ..... Outside back cover
Lowe, Edwin, & Co., Inc. 38
Luthy & Hine 29
Lyons Gem Co. 58
Maebert & Reiss 94
Maple City Glass Co. 106
Market & Fulton National Bank 66
Mathey Bros., Mathez & Co. 109
Mendes Cutting Factories 98
Mercantile National Bank 67
Meyerowitz Bros. 58
Miller, Fuller & Whiting 36
Moe, Charles 33
Moore & Sous 27
Mount & Woodhull 54
Myers, S. F., Co. 36
Nebeling, Edmund R. 58
New England Watch Co. 90, 91
New York Central Railroad 110
New York Telephone Co. 60
Nissen, Ludwig, & Co. 54
Noel, Rudolph, & Co. 70
Nonnenmann, A., & J. Aschenbrenner 33
Noterman, Jos., & Co. 68
Ohan, G. 68
Ollendorf, L., Co. 32
Oppenheimer Bros. & Veith 44
Oppenheimer, H. E., & Co. 44
Oriental Bank 66
Orkin Bros. 34
Osmun-Parker Mfg. Co. 28
Ostby & Barton Co. 26
Page-Davis Co. 110
Pairpoint Corporation 110
Parks Bros. & Rogers 20
Passmore Gem Co. 58
Patek, Philippe & Co. 92
Penfold, Wm. C., Co. 95
Percival, D. C., & Co. 68
Pomfret-Goldy School 102
Potter & Buffinton Co. 35
Power, Chas. L., & Co. 32
Powers & Mayer 13
Prior, Charles M. 109
Pryibil, P. 112
Pryor Novelty Co. 39
Racine, Jules 92
Reed & Barton Co. 14
Reichheim, E. P., & Co. 102
Renziehausen, W. F., Co. 112
Revell, A. H., & Co. ..... Outside back cover
Rice's, Bernard, Sons 108
Ries & Armstrong 92
Riviere Brass Works 108
Robert, Edmund E. 93
Rockford Silver Plate Co. 24
Rockford Watch Co. 92
Roger Williams Silver Co. 110
Rohrbeck, John E. 34
Roseman, A. 46
Ross, Saltman & Anderson 28
Rothschild Bros. & Co. 32
Roy Watch Case Co. 94
Rudolph & Snedeker 30
Rumpp, C. F., & Sons 110
Sadler, F. H., Co. 35
Saunders, Meurer & Co. 52
Schiff, M. 29
Schultz, Leiss & Co. 21
Scofield & DeWyngaert 32
Sessious Clock Co. 95
Seymour, Cassius W. 27
Shiman Bros. & Co. 72
Siegel, Rothschild & Co. 109
Simpson, Hall, Miller & Co. 17
Smith, Alfred H., & Co. 44
Smith, E. H. H., Silver Co. 110
Smith, Frank W., Co. 21
Snow & Westcott 29
Sohn & Hyman 58
Solidarity Watch Case Co. 38
Spencer, E. L., Co. 37
Staninger, E. E. 98
State Bank 66
Steiner, Louis 38
Stern Bros. & Co. ..... 56, Inside back cover
Sternau, S. & Co. 20
St. Louis Watchmaking School 92
Strauss, Ignaz, & Co. ..... 108, Outside back cover
Strauss, Jacob, & Sons 56
Street, Geo. O., & Sons 27
Sturdy's, J. F., Sons 19
Tavannes Watch Co. 80
Tivoli Art Glass Co. 106
Trenton Watch Co. 94
Trout, Chas. L., & Co. 28
Van Dam, Eduard 50
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co 32
Waite-Thresher Co. 37
Waltham Watch Co. 84
Washburn, C. Irving 36
Weizenegger Bros. 60
Wells, Chester H. 32
Wendell & Co. 5
Western Clock Mfg. Co. 76
Wheeler, Hayden W., & Co. 44
Whiting & Davis 95
Whiting Mfg. Co. 15
Wodiska, Julius 30
Wolfsheim & Sachs 39
Wood, C. F., & Co. ..... Outside back cover
Wood, J. R., & Sons 2, 3
Woodside Sterling Co. 16

Eliassof Bros. & Co.

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Situations Wanted.

A FIRST CLASS retail salesman desires to make a change, preferring New York or vicinity. "A., 7219," care Jewelers' Circular-Weekly.

YOUNG MAN wants position as watch repairer and jeweler; $12.50 per week; Texas preferred; come on trial. Address "L. M.," New Orleans, La.

ENAMELER of long experience on class pin, Masonic, opalescent, gold, silver and metal. Address "Hustler, 7123," care Jewelers' Circular-Weekly.

WATCHMAKER and clockmaker, first class, wants position in city or country; good reference. Address "X., 7224," care Jewelers' Circular-Weekly.

A YOUNG MAN, thoroughly experienced in fine jewelry coloring, wishes a position with a jewelry house. Address "P., 7204," care Jewelers' Circular-Weekly.

SALESMAN in retail store; 8 years' experience; watchmaker, jeweler and optician, some engraving; 25 years old; Protestant; references. L. W. S., Dover, N. H.

YOUNG MAN, 23 years old, wishes position as stock clerk or as salesman in wholesale house; best reference. Address "Box 7214," care Jewelers' Circular-Weekly.

EXPERIENCED young man, well acquainted with jobbing jewelry trade, wishes to represent some manufacturer. Address "S., 7144," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

JEWELER; many years with first class Fifth Ave., New York, jewelry manufacturer, is open for engagement; weekly salary, $35. Address "7225," care Jewelers' Circular-Weekly.

POSITION WANTED as jewelry and clock repairer and assistant watchmaker; can give good reference; age 20; have set of new tools. Kennard McLoney, Cynthiana, Ky.

COMPETENT clockmaker desires position; has full set of tools, American lathe; A1 New York City references; state wages. E. Baron, 512 W. Norwegian St., Pottsville, Pa.

YOUNG MAN, 20 years of age, desires position with diamond house or manufacturing jeweler; 4 years' experience in trade. Address "O., 7196," care Jewelers' Circular-Weekly.

DO YOU NEED an A1 watchmaker and engraver at once; tools; references; 12 years' experience; can prove ability; no fake. Address "A. R., 7216," care Jewelers' Circular-Weekly.

A YOUNG MAN, age 23, would like to connect with a jewelry firm as traveling salesman, having a practical knowledge of the business. Address "7148," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing and jobbing jeweler, designer and stone setter, German, desires a position in Seattle, Wash. Address "Jeweler," care General Delivery, P. O., Colorado Springs, Colo.

WATCHMAKER wants position with first class jeweler; can do engraving, jewelry repairs, clocks and some optics; young man; Protestant; 8 years' experience. L. W. Stiles, Dover, N. H.

WATCHMAKER with 20 years' experience desires good position with first class jewelers; accustomed to waiting on trade; first class references. W., 63 Greenwood Ave., Trenton, N. J.

YOUNG MAN, thoroughly experienced in all branches of fine diamond jewelry, is open for good confidential position with first class house. Address "Experienced, 7143," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7080," care Jewelers' Circular-Weekly.

SALESMAN, young man, age 26, four years' experience on road, would like position with first class jewelry house; best of references; at liberty after Sept. 1. Address "L., 7083," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver of 20 years' experience desires steady position with first class house, about Sept. 1; A1 references; tools; wages, $25. Address "F., 7195," care Jewelers' Circular-Weekly.

FIRST CLASS jeweler desires position in a first class jewelry store; can make new work, hand made or cast, and do first class jobbing; also stone setter. "J. Ch.," care Goldberg, 292 5th St., Brooklyn, N. Y.

ENGRAVER desires position, any part of the United States; capable of engraving script monograms, etc., on gold and silver; has first class references. Address "Engraver, 7197," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, thoroughly acquainted with the jewelry and department store trade, middle west, would like to connect with a manufacturer. Address "Successful, 7194," care Jewelers' Circular-Weekly.

YOUNG MAN, possessing 7 years' experience in wholesale jewelry business as order clerk, desires position; competent to take charge of office; unquestionable references. Address "Y., 7203," care Jewelers' Circular-Weekly.

SALESMAN, to travel for a good silverware house, 27 years of age, 8 years' experience in retail jewelry store as engraver, repairer, stock clerk and salesman; best references. "C. F. M., 7220," care Jewelers' Circular-Weekly.

A1 manufacturing jeweler, jobber, stone setter and good engraver; can do some designing; at present doing good business for myself; desire position in first class retail store; $20 to $35. "U. O. C., 7152," care Jewelers' Circular-Weekly.

A FIRST CLASS ENGRAVER desires position in Seattle, Wash.; can do all kinds of jewelry and silverware engraving and designing; position in store preferred. Address "German-American," care General Delivery, P. O., Colorado Springs, Colo.

A1 SALESMAN is open for engagement Sept. 1; would like to represent a good house in New York on commission; have an established trade with jewelry jobbing and department stores. Address "L., 7179," care Jewelers' Circular-Weekly.

SCRIPT and monogram engraver with practical experience, desires position where he can learn watch work; have some knowledge of clock repairing; best of references; New York State preferred. Address "G. S.," 109 Park Ave., Utica, N. Y.

JEWELER, 11 years' experience at jobbing, some new work, clocks and plating; can do plain watch work and assist optician, trim windows and wait on trade; want permanent, pleasant position. Address "Jeweler," 238 So. Main St., Memphis, Tenn.

A WATCHMAKER of recognized ability; trained in London; 15 years' American experience; seeks position in first class firm as fine watchmaker and adjuster; highest references; have also New York optical diploma. "H. G., 6794," care Jewelers' Circular-Weekly.

POSITION WANTED by young man as traveling salesman; have thorough knowledge of diamonds, watches and jewelry; willing to work inside for short time if necessary; unquestionable references. Address "Knowledge, 7169," care Jewelers' Circular-Weekly.

WATCHMAKER wishes position; 15 years' experience; accustomed to taking in and delivering work of fine trade; good address and appearance; 33 years of age; familiar with railroad work; salary, $20 to $25 per week. "W., 7215," care Jewelers' Circular-Weekly.

SITUATION, with reliable firm by man of 39, to travel and represent some line of the jewelry business; 12 years' experience as watchmaker and all around man in my own store; the West preferred; best of reference given; sober and honest. "Line, 1098," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker, engraver and optician; good salesman, etc.; will be open for a position about Oct. 1; capable of taking full charge of store; only a steady position at a good salary will be considered; reference furnished. Address "E. F. O., 6995," care Jewelers' Circular-Weekly.

YOUNG MAN, with over 5 years' experience in first class shop as general letterer, wishes position where he can exchange his services as such for a small salary and an opportunity to learn chasing; reference as to character and samples of work. "J. M. B., 7210," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly.

A GOOD, hard, conscientious worker, who has been a manufacturer of jewelry and knows the jewelry business thoroughly with established jewelry jobbing and department stores' trade, is open for engagement Sept. 1; salary or commission. Address "H., 7180," care Jewelers' Circular-Weekly.

BOOKKEEPER; position wanted by a young lady with several years' Maiden Lane experience in diamonds, watches and jewelry; competent to take charge of office, shipping and repairs; excellent saleslady, pleasing personality, at present employed. Address "Z., 7120," care Jewelers' Circular-Weekly.

FOREMAN, designer and thorough practical jeweler on fine diamond mountings, fancy cluster, single and set diamond rings, novel 14-karat, ladies' and gents' fancy stone rings; knows every detail of manufacturing; open for position at once. Address "F. & D., 7222," care Jewelers' Circular-Weekly.

A1 SALESMAN, 20 years' experience in manufacturing diamond jewelry; 14 years selling to jewelry jobbing and department stores; kept 18 men busy on special orders; capable of giving estimates from designs; a thoroughly competent man inside or outside; steady, conscientious worker. Address "W., 7178," care Jewelers' Circular-Weekly.

YOUNG MAN, 25 years old, diamond expert, possessing complete knowledge of the wholesale diamond business, desires permanent position; long experience and first class references. Address "A. U., 7087," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, thoroughly acquainted with the department stores and jobbing trades, east and west, will be open for position Sept. 1; all communications strictly confidential; A1 references. Address "Hustler, 7096," care Jewelers' Circular-Weekly.

Side Lines Wanted.

WANTED, by experienced traveling salesman, on commission, a line either of jewelry, combs, silver, watches or some line for jewelers in west and northwest States. "Commission, 7157," care Jewelers' Circular-Weekly.

WELL KNOWN salesman with established department store trade, will open New York office, uptown, and will cater to city and vicinity trade; wants only representative lines; salary or commission; Sept. 1. Address, "Established, 7147," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, first class watchmaker for New York City store. "Permanent, 7230," care Jewelers' Circular-Weekly.

WANTED, first class retail salesman; New York City. Address "Permanent, 7231," care Jewelers' Circular-Weekly.

WANTED, optical clerk living in New York or suburbs. R., L. & M. Friedlander, 30 Maiden Lane, New York.

WANTED, first class watchmaker and engraver; permanent position; $18 per week. G. K. Ware, Atlantic City, N. J.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver for thriving southern city; steady position and good wages. V. I. Pekor, Columbus, Ga.

JEWELER and engraver wanted; permanent position; $20 per week. Address "C., 7108," care Jewelers' Circular-Weekly.

WANTED, first class engraver; permanent position; salary, $25 per week. Address Edwards & LeBron, Chattanooga, Tenn.

WANTED, young man as salesman, engraver, jewelry repairer and optician; state salary expected. Lincoln H. Hall, Trinidad, Colo.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

PERMANENT POSITION for a thoroughly competent watchmaker; to work on watches only. Millard F. Davis, Wilmington, Del.

WANTED, three engravers on silverware; permanent positions to experienced hands. Electrolytic Art Metal Co., Trenton, N. J.

WANTED, a traveling man through the west and southwest to carry a side line of cut glass. "H., 7188," care Jewelers' Circular-Weekly.

FIRST CLASS salesman, engraver or optician preferred, to go to Columbus, Ga. Address "F. P., 7149," care Jewelers' Circular-Weekly.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

HELP WANTED.—Continued.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, young man as assistant watchmaker, at once; give reference and salary expected in first letter. C. T. Ross, Box 11, Leaksville, N. C.

WANTED, first class man for clerical work; retail store in New York City. Address "Permanent, 7232," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker and engraver wanted immediately; good wages; also jeweler and clock repairer. Wm. B. Joseph, Schenectady, N. Y.

WANTED, a jeweler to go south; must be a good, all-around workman. Address "Little," care the Gorham Company, 23 Maiden Lane, New York.

WANTED, SALESMAN; watch and jewelry salesman; permanent, responsible position. "Salesman, 7202," care Jewelers' Circular-Weekly.

SALESLADY WANTED; experienced jewelry saleslady for a permanent, responsible position; reference. Address "7201," care Jewelers' Circular-Weekly.

WANTED, salesman with thorough training, for fine leather goods, in high class jewelry establishment. Address R. M., 1303 Flatiron Building, New York.

WATCHMAKER WANTED; none but experienced young men need apply; state salary wanted; steady position. A. Hawkins, 727 Eighth Ave., New York.

EXPERIENCED jeweler and clock repairer, or jeweler and engraver wanted; state salary wanted; steady position. A. Hawkins, 727 Eighth Ave., New York.

SALESMAN WANTED for the road, precious and imitation stones; only experienced hustlers need apply. R. A. Breidenbach, 51 and 53 Maiden Lane, New York.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Alabama.

SALESMAN traveling south and west to carry a good line of Swiss watches on commission as side line. Address "M. R., 7150," care Jewelers' Circular-Weekly.

WANTED, several competent watchmakers, those with factory experience preferred; write application, stating age, experience, etc. Trenton Watch Co., Trenton, N. J.

WANTED, first class watchmaker, plain engraver and salesman; permanent position; $23 to $25 per week. Address "Connecticut, 7184," care Jewelers' Circular-Weekly.

WANTED, salesman accustomed to high class retail trade and with experience in handling china, glass and bronzes. Address R. M., 1303 Flatiron Building, New York.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, young man with two or three years' experience in repairing jewelry and clocks; good opportunity to learn watch repairing. Address Rodelius & Rosen, Evanston, Ill.

WANTED, experienced salesman to handle high class retail jewelry trade; must have thorough knowledge of fine silverware. Address R. M., 1303 Flatiron Building, New York.

WANTED, lady bookkeeper for jobbing house; one with experience and who is able to take charge of office; state salary expected. Address "C. 7151," care Jewelers' Circular-Weekly.

WANTED, a first class diamond setter, one who can make diamond mountings preferred; salary, $25 per week to start. Address A. C. Heinrich, Foreman, Geo. T. Brodnax, Inc., Memphis, Tenn.

WATCHMAKER and jewelry repairer; permanent position for sober, industrious and competent man; references required; state wages. Address Wendell & Co., 105 William St., New York.

WANTED, a jewelry repairer, a thoroughly competent workman on all classes of work; one who can do stone setting preferred; a permanent position to the right party. Baird-North Co., Salem, Mass.

WANTED, first class watchmaker; one prepared to take an interest in business Jan. 1 preferred; good pay; short hours; fine opening for first class optician. Address G. W. Cameron, Poplar Bluff, Mo.

WATCHMAKER, experienced in fitting and selling watchmaker's materials and tools; permanent position for the right man; call or correspond; reference. Aisenstein & Woronock, 22 Eldridge St., New York.

WANTED, CLOCKMAKER, who is also an experienced letter and monogram engraver; send samples of engraving with references; and state salary wanted. Address C. L. Byrd & Co., Memphis, Tenn.

WANTED, experienced traveler for jewelry tools and materials; good position for competent man; references with detailed experience required. Apply F. W. H. Schmidt, 1108 Heyworth Building, Chicago, Ill.

WANTED, good monogram, old English and script engraver, jeweler and diamond setter; must have experience; only good man need apply; good reference; steady job; state wages. Box 614, Wheeling, W. Va.

WANTED, manufacturing jeweler for fine retail store in Texas; must be fine general workman; one who can enamel and make fine settings; pleasant, steady position. Address "A. B., 7075," care Jewelers' Circular-Weekly.

WATCHMAKERS WANTED in Philadelphia; one to take charge of work and attend in store, other should be able to do clock work and some jewelry repairing. Address "L. J. L., 7158," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker with plenty of store experience and good all around man, as head watchmaker; steady position and good salary; reference and particulars as to ability in first letter. M. Berman, Altoona, Pa.

WANTED, good watchmaker; must be first class workman, and of good address; good wages to the right party. Address, with references and full information, Radke & Co., Rush St. and Van Ness Ave., San Francisco, Cal.

WANTED, AT ONCE, good A1 watchmaker and engraver who can take in and do work, and if needed wait on trade; $18 to $20 per week; must have best of references; steady position. Address C. A. Furstnow, Fond du Lac, Wis.

WANTED, a salesman for jewelry and novelties; only a good hustler and one who knows the jewelry and novelty trade need apply; good salary and commission for the right man. Address "7111," care Jewelers' Circular-Weekly.

YOUNG MAN as New York salesman for (uptown) diamond jewelry and mounting house; experienced preferred; address stating salary wanted and references; confidential. Address "M., 7198," care Jewelers' Circular-Weekly.

WANTED, a modeler who understands touching up of figures before casting, such as busts, groups, etc. Apply to Gorham Co., Providence, R. I.

WANTED, a first class optician; one who understands edge grinding preferred; steady employment and good wages to the right man; must come well recommended. Address "Central Connecticut, 6640," care Jewelers' Circular-Weekly.

POSITION OPEN in New York State for young man of ability to finish trade; must be ambitious and energetic; excellent store and bench education guaranteed. Address all essential particulars to "Square Deal, 7107," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver; send sample of engraving and references in first letter, stating salary wanted; give age and experience; steady employment and good wages to right man. Address Henry Iversen & Co., Corsicana, Tex.

DIAMOND SETTER on nigh grade work; also two good diamond mounters on platinum work, and an experienced jewelry engraver; steady positions the year round and liberal wages to good workmen. Apply to J. Milhening, 195 State St., Chicago, Ill.

WANTED, AT ONCE, a traveling salesman; must have experience in watch and jewelry line; those applying will please furnish reference and length of time you have been employed in this capacity; good salary to a capable man. Address Goddard, Hill & Co., Pittsburg, Pa.

WATCHMAKER, thoroughly experienced on complicated and railroad work, to take charge of department; salary $25; permanent; hours 8 to 6; send references; state earliest can report for work. The Thompson-Brannon Co., Asheville, N. C.

WANTED, first class watchmaker by one of the largest stores in New England; give all particulars in first letter regarding salary, references and capabilities; good salary and permanent position to good man. Address "X. L., 7070," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker and engraver, with tools; good salesman and not afraid to work; $18 per week to start; full particulars, sample of engraving and reference in first letter; do not answer if you have not the required ability. Staats, Raynes & Adams, Clinton, Ind.

SINGLE MAN, first class watchmaker, engraver and salesman; good salary; permanent position to the right man; none other need apply; sample engraving, references and state salary expected in first letter; must own watchmaker's tools. J. J. Spencer, care Thoma Bros., Cincinnati, O.

WANTED, at once a strictly first class watchmaker who is also a fine all around engraver; pay $30 per week; position permanent to competent man; list of references, photograph and samples of engraving must accompany application to receive attention. Hight & Fairfield Co., Butte, Mont.

WANTED, an experienced traveling salesman for southern territory, one with established trade preferred. Adolph Goldsmith & Son, 68 Nassau St., New York.

WANTED, first class watchmaker, optician and plain engraver, of good appearance and address, to wait on customers when necessary; must have unquestionable references; permanent position at good salary; one hour from New York City; correspondence confidential. Coleburn & Lauder, Norwalk, Conn.

MODELER WANTED, one who understands modeling of ornaments for handles and borders of hollow-ware; good position offered for competent workman. Apply "7212," care Jewelers' Circular-Weekly.

FIRST CLASS salesman wanted in one of the finest retail stores in the southwest; must be able to manage store, assist in buying and be able to handle diamond sales; one who is an optician or could assist in engraving preferred; good salary and congenial surroundings. Address R., L. & M. Friedlander, 30 Maiden Lane, New York.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

RESPONSIBLE salesmen to take our patented Elk line and gold jewelry through New England States, New York, New Jersey, Pennsylvania, Maryland and Washington, D. C.; also Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, Nebraska, Iowa and Missouri, on a commission basis; state territory. Address Schickerling Mfg. Co., 31 W. 31st St., New York.

A FIRST CLASS watch and jewelry salesman for large retail jewelry store in Chicago; must be A1 man and furnish good references; exceptional opportunity for the right man. Address, "K., 7182," care Jewelers' Circular-Weekly.

TWENTY-FIVE ($25) dollars weekly for a competent general jewelry salesman; must be thoroughly posted in handling silverware and cut glass; also must have A1 references and good character. Address Albert Pfeifer & Bro., Little Rock, Ark.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET a nice light office in the Downing Building, 106 Fulton St., New York; reasonable rent. Apply H. & E. O. Belais, 47 John St., New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7040," care Jewelers' Circular-Weekly.

FOR RENT, a desirable light office in the Prescott Building, eighth floor; for particulars inquire at room 55, 65 Nassau St., New York.

(*Special Notices continued on page 80.*)

Special Notices.

(Continued from page 79.)

Business Opportunities.

FOR SALE, a well established, good paying jewelry business in Chicago. Address "Paying, 7036," care Jewelers' Circular-Weekly.

WANTED, a partner with $10,000 in a well located jewelry business in Chicago; a fine chance for a hustler. Address "B., 7037," care Jewelers' Circular-Weekly.

A FIRST CLASS jewelry store on one of the busiest corners in Chicago; stock and fixtures between $3,000 and $3,500; will sacrifice if sold at once; good reasons; a rare opportunity. "M., 7162," care Jewelers' Circular-Weekly.

FOR SALE, jewelry, optical and loan business; city of 28,000 population; stock mostly watches and diamonds $12,000; will reduce and discount; sale on account of tailing health. Particulars, Joe H. Lindsey, Fort Smith, Ark.

WHO in the section of the watchmakers and importers of precious stones in New York would be willing to let part of office and invest from $1,000 to $2,000 in business of very serious representation? "Business, 7145," care Jewelers' Circular-Weekly.

I WANT YOU TO KNOW, Mr. Merchant, that if you wish to retire from business I can turn your store into cash; my charges are a small commission if I sell your store; no charges if I do not; write me; all is held in strict confidence. Address Dan. I. Murray, Broker, 3 Maiden Lane, New York.

QUICK ACTION by corresponding with us; we buy your entire stock; or send us your surplus stock of watches and diamonds; we originated this method and have twenty years of quick action and good service to our credit. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway Brooklyn, N. Y., or Tel. 2328, Williamsburg.

For Sale.

$48 TO $58 PER CARAT for diamonds; sounds cheap, but I have a lot of ½ to ¾ carat fine white, old mine diamonds, bought this week from an estate; I will sell them at this price; don't wait a moment to write for them; wire to-day as I often sell out same day I buy; try me once for bargains in diamonds; sent on memorandum to well rated dealers; express paid on all bills of $100 or over. Dan. I. Murray, Broker, 3 Maiden Lane, New York.

FOR SALE; large flat rollers, power or hand; also combination square and half round rollers for hand or power; rotary blower melting furnace and turning lathe, a polishing lathe. Address "E., 7183," care Jewelers' Circular-Weekly.

FOR SALE, machinery for manufacturing jewelers; turning lathe; round, flat and square rollers; blower, melting furnace, shafting, pulleys, belting, etc.; will sell by piece or bulk; write for further information. Walter Huelsick, 217 N. 6th St., St. Louis, Mo.

AT 25 per cent. to 40 per cent. less than regular price, a job lot of real amber necklaces, fine cut jet brooches, jewel necklaces, French pearl necklaces and cut crystal hat-pins, all of German and French manufacture; must be sold at once; price, $1.25 per dozen up to $60 dozen, less 5 per cent. 10 days, net 30 days; selection packages on memorandum to well rated dealers; any one lot if you want ambers and jets at cut prices; be quick or you will regret it. Dan. I. Murray, Importer, Broker, 3 Maiden Lane, New York.

Wanted to Rent.

WANTED TO RENT a small office on the "Lane," or near the "Lane," or would buy out office fixtures of a small jobber for cash. Address "Broker, 7209," care Jewelers' Circular-Weekly.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.



LEON WATCH CASE CO.

Makers of 14 Karat

SOLID GOLD CASES

The bows are stamped 14 K.
Special designs made to order.

OFFICES

NEW YORK 37-39 MAIDEN LANE
CHICAGO 52 STATE STREET

FACTORY

16 Boyden Place, Newark, N. J.

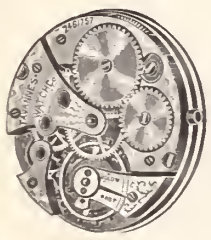
WARNING

We, the undersigned, wish to notify the wholesale and retail jewelry trade of the United States that William Fleischman, who was formerly in the employ of the undersigned, has disappeared and that a warrant has been issued charging him with the larceny of three trunks of jewelry and leather goods which were our property. The last that we heard from him was May 9, when he wrote to us from Hutchinson, Kans. He is about 60 years of age, five feet and seven inches tall, weighs about 150 pounds, has a heavy black mustache, black hair with a few gray hairs, generally wears a black suit and black slouch hat, is a foreigner and speaks with a foreign accent; his upper set of teeth are large and very prominent. We offer $100 reward for any information concerning his whereabouts and leading to his arrest.

J. C. BLOOM & CO.
730 Sixteenth St., Denver, Colo.

A NEW MOVEMENT

THE O-SIZE 7 JEWELED PENDANT SETTING



TAVANNES Is Fully Guaranteed

FOR SALE THROUGH THE JOBBING TRADE

TAVANNES WATCH COMPANY

2 & 4 Maiden Lane, New York

PATENT DEPARTMENT

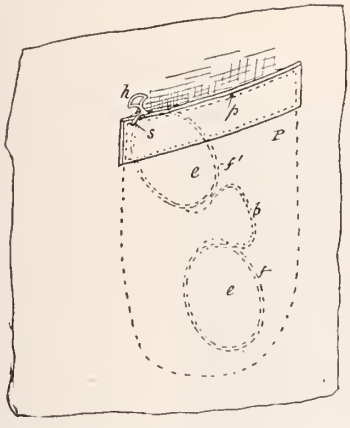
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF AUG 7, 1906.

827,740. EYEGLASSES. Abbot A. Low, Horseshoe, N. Y. Filed March 6, 1905. Serial No. 248,517.

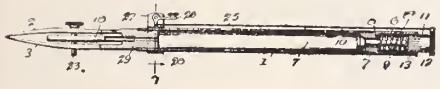
An eyeglass provided with a handle having a rigid blunt suspending-finger, projecting at substantially right angles from said handle between the same and the eyegless and curved substan-



tially concentric with the rim to engage over the edge of a pocket, the said edge of the pocket being received between said finger and the rim of the eyeglass.

827,758. FOUNTAIN DRAFTING-PEN. George P. Smith, and Percy Stokes, Philadelphia, Pa. Filed Jan. 3, 1905. Serial No. 239,367.

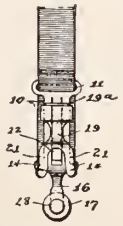
In a fountain-pen, the combination of a barrel



having an air-admission valve including an inwardly-moving member near the upper end thereof and a plunger adapted to operate in the upper end of said barrel at such a distance above said valve as to always leave a chamber between the said valve and said plunger, the said plunger having channels therein to admit air below the same during the initial part of its inward stroke, the moving valve member and plunger being so connected that the valve will always remain open during the inward stroke of the plunger.

827,801. GARMENT-CLASP. Edgar T. Heath, Chicago. Filed June 26, 1905. Serial No. 267,069.

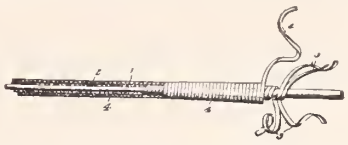
A two-part garment-clasp comprising a button member composed of a flat plate, adapted for connection to webbing or the like, and having a



curved body provided at its end with a rigidly-attached button or disk, and a clasp member having a sliding connection with the plate portion of the button member and having its forward end bifurcated to provide clamping-jaws adapted to pass beneath the button or disk and to impinge the fabric upon the under side of said disk.

827,817. SPECTACLE-TEMPLE. Peter Peck, Southbridge, Mass., assignor to Central Optical Co., Southbridge, Mass. Filed Feb. 21, 1906. Serial No. 302,291.

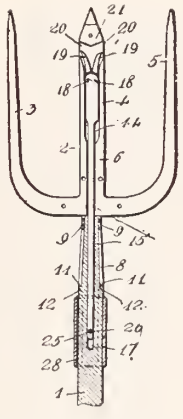
A spectacle-temple comprising a temple-wire, and a plurality of pliable wires wrapped in spiral form



around the temple-wire and terminally secured thereto, the pliable wires being strong enough to partially overcome the resiliency of the temple-wire to hold the latter in shape when bent to form a substantially semi-circular riding-temple.

827,856. FORK. Leonard E. Fatch, Crown Point, Ind. Filed Apr. 5, 1906. Serial No. 310,167.

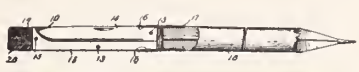
A fork of the class described having a socket piece provided with a longitudinal slot and stop-notches extending in reverse directions from the opposite ends of said slot, said fork being further



provided with a tine having directing elements: a sliding rod having pivoted dogs at its outer ends turned outwardly by the directing elements of the said tines when said rod is moved outwardly, a sliding and partly revoluble sleeve on said socket-piece, a handle fastened in the socket-piece and having a longitudinal slot registering with that of the socket-piece, and a pin projecting from the rod, operating in the slots of the handle and socket-piece and attached to the sleeve, for operation thereby.

827,860. PENCIL-KNIFE. Joshua H. Galland, Florence, Colo. Filed Dec. 30, 1905. Serial No. 294,005.

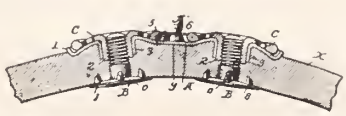
A knife embodying a handle having its exterior walls threaded, a blade foldable within the handle and provided with corresponding threads, and a



pencil-embracing sleeve engaging the threads on the handle and blade, respectively, for locking the latter in folded position.

827,869. BELT-FASTENER. Isaac Jackson, Glossop, Eng. Filed May 28, 1903. Serial No. 159,137.

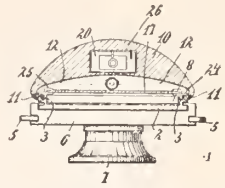
A belt-fastener comprising a plate having an upwardly projecting flange which extends around



its edge and having a plurality of openings, said plate being provided with bosses between the said openings, and fastening devices extending through said openings and adapted to engage the belt to secure the fastener thereto.

827,896. MICROGRAPHIC MICROSCOPE. Otto H. F. Vollbehr, Halensee, Germany. Filed Aug. 3, 1904. Serial No. 219,404.

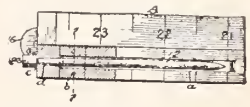
A microscope for magnifying micrographic repre-



sentations having a translucent micrographic plate, a box with an opaque rear wall detachably secured at the rear of the said plate and a lamp and electric battery within the said box.

827,932. MEASURING RULE. Ralph Morehouse, Oelwein, Ia. Filed May 12, 1906. Serial No. 316,504.

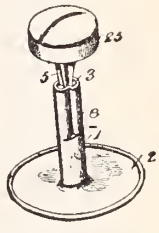
A rule having a member longitudinally slotted, a cap-plate secured over the bifurcated end of the



said member, and provided with an aperture in line with the slot, said plate having means for automatically gripping the scratcher when the latter is shoved through the aperture into the slot.

827,971. BUTTON. Samuel Gray, Harrisburg, Pa. Filed Feb. 11, 1905. Serial No. 245,274.

In a button, the combination with a shank and stem shaped to slide one within the other, the outer



member having its upper part crimped or formed of irregular contour, and the opposing member having its end formed of smooth or regular contour, whereby one acts to prevent the complete withdrawal of the other, when extended.

828,107. METHOD OF MANUFACTURING CLEAN EDGES IN ENAMELED WARE. Karl Gosswеiler, Vienna, Austria-Hungary. Filed April 12, 1906. Serial No. 311,377.

Improved method of manufacturing clean edges and surfaces of enameled ware, consisting in binding or covering the parts of the ware most liable to damage, before enameling, with sheet-nickel, nickled sheet-steel or the like and afterward coating the ware with enamel up to or a little over the said binding or covering and finally burning the ware.

828,234. COMBINED BRUSH AND COMB. Thomas J. McCloskey, Prairie du Chien, Wis. Filed March 7, 1905. Serial No. 248,941.

A combined comb and brush comprising a brush member including a handle, a back secured thereto, and bristles secured to the back, the back being



formed with a dovetailed slot arranged longitudinally and centrally thereof, and a comb having its back-bar of dovetailed form in cross-section to fit within and engage said slot, the teeth of the comb being of greater length than the bristles of the brush so as to project a portion of said teeth above the operative surface of the bristles, and the length of the comb being approximately equal to the longitudinal dimension of the bristle-surface, whereby the device may be used simultaneously as a brush and comb, and the material affected by the comb during any one operation is also acted upon by the bristles of the brush.

828,253. EYEGLASSES. Lincoln L. Stone, Canton, Pa. Filed Oct. 27, 1905. Serial No. 284,756.

An eyeglass comprising a stud-post provided

IS YOUR SAFE SAFE?

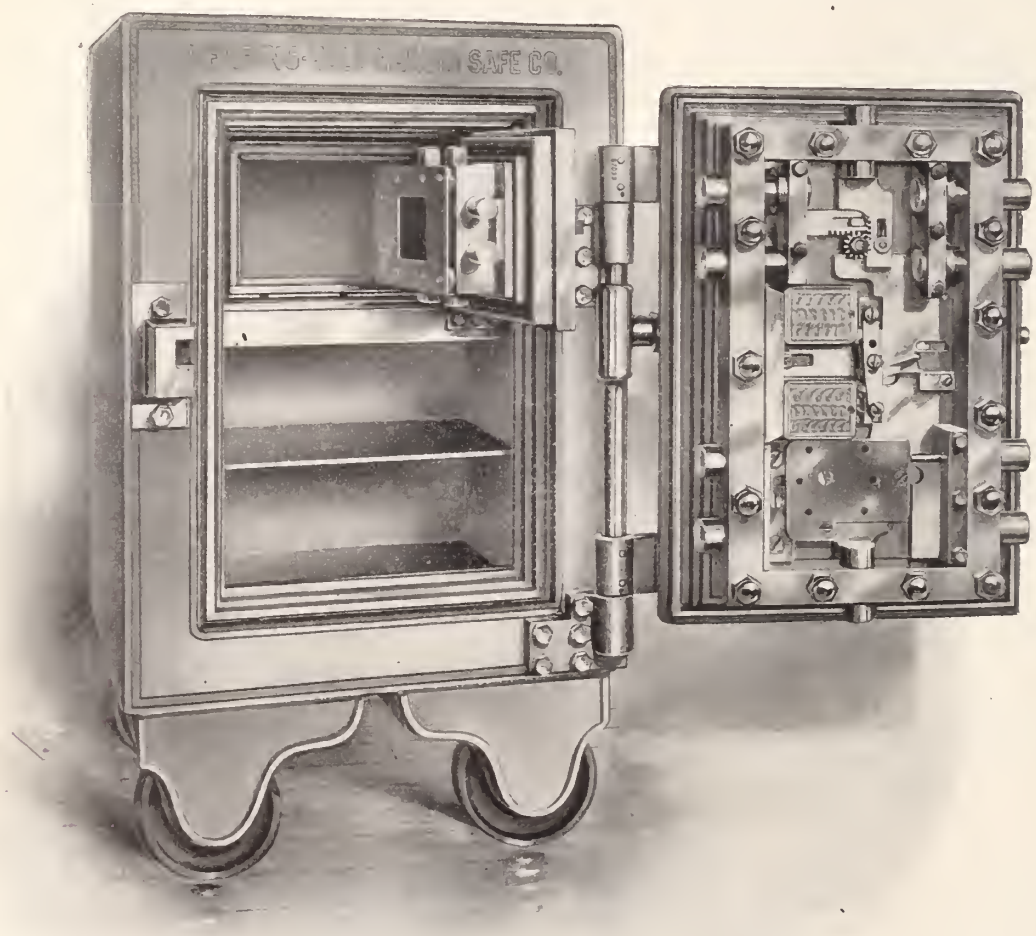
DORRANCE BATTIN CO.,

1103 Broadway, Oakland, Cal., May 22, 1906.

HERRING-HALL-MARVIN SAFE CO., Oakland, Cal.

Gentlemen: We take pleasure in informing you that of the four safes which we lost in the recent fire at 120 Sutter St., San Francisco, Cal., the only one that contained goods of any value was the safe of your manufacture. It fell about thirty feet into the basement of the building, where it remained for about fifteen days, and of the twenty-five or thirty safes that were opened there at this time, this was the only one that showed its contents practically intact.

Yours truly, DORRANCE BATTIN CO.,
Agts. Gorham Co. Successors to Phelps & Adams.



For sixty-five years we have stood for high grade construction, against cheap competition. IS your SAFE safe?

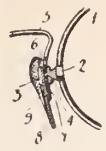
HERRING-HALL-MARVIN SAFE CO.,

400 BROADWAY, NEW YORK.

Largest Fire and Burglar Proof Safe Builders in the World.

Offices and Agencies Throughout the World.

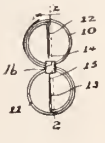
with inwardly-extending jaws and a centrally-disposed stud between said jaws, a bridge-piece provided with an aperture and a slot below said aperture, and a nose-piece having a spring-tongue cut from



its shank and projecting at one side thereof, said nose-piece and bridge-piece being secured between the jaws of the stud-post by means of the stud entering the aperture in the bridge-piece and the tongue on the nose-piece being sprung into the slot in the bridge-piece.

828,286. PIN. William E. Henderson, Chicago. Filed Aug. 16, 1905. Serial No. 274,414.

A pin made of a single piece of wire bent to form a plurality of rings and a sharpened portion for each ring extending across the same and terminating adjacent to one side thereof, the parts



of said wire forming the rings and sharpened portions lying in the same plane.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Aug. 6, 1889.

408,268. EYEGLASS-HOLDER. S. R. Stibgen, Marietta, Ga.

408,274. WATCH. Albert Troller, Rockford, Ill., assignor to Rockford Watch Co., same place.

408,305. ERASER-HOLDER. C. A. Holmes, Irving Park, Ill.

408,307. MANUFACTURE OF CUTLERY. Allen Johnston, Ottumwa, Ia.

408,308. NECKLACE CLASP. Adam Keller, New York, N. Y., assignor to himself and J. C. Downing, Newark, N. J.

408,328. SPOOL-HOLDER. H. W. Steiner, Easton, Pa., assignor of one-half to G. W. Eschenbach, same place.

408,332. CLASP. Julius Wenger, Bridgeport, Conn., assignor to J. A. House, same place, and F. S. M. Blum, New York, N. Y.

408,445. VEIL-FASTENER. P. N. Tryon, San Francisco, Cal.

408,498. ENGRAVER'S TOOL. G. A. Mason, Washington, D. C., assignor to John Sellers & Sons, New York, N. Y.

408,538. SUSPENDER ATTACHMENT. J. P. Rummel, Mansfield, O.

408,573. WATCH. E. K. Boyd, Chicago.

408,576. JEWELRY-TRAY. Lou Burt, Detroit, Mich., assignor to Burt & Hurlbut Co., same place.

408,665. CLOCK. E. M. and Mark Moulton, Rochester, N. Y.

408,679. CUFF-HOLDER. H. B. Williams, Brooklyn, assignor to Self-Attaching Cuff-Holder Co., New York, N. Y.

Designs issued Aug. 8, 1899, for 7 years.

31,342. BADGE. J. M. Nabstedt, Davenport, Ia.

31,344. BOWL. T. W. Foster, Providence, R. I.

31,345 and **31,346.** SPOONS. B. Y. Tiffany, New York, N. Y., assignor to Tiffany & Co., same place.

31,349. COLLAR-BUTTONER AND NAIL-CUTTER. Frank Lewald, Chicago.

31,351. EYEGLASS CASE. H. E. Guyer, Philadelphia, Pa.

31,383, 31,384, 31,385 and **31,386.** SKIRT AND WAIST SUPPORTERS. Lucy A. Graham, New York.

UNITED STATES TRADE-MARKS.

["Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in section two of this act. If no notice of opposition is filed within said time the Commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of section five of said act, which is as follows:

"*And provided further,* That nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED AUG 7, 1906

Ser. No. **6,027.** (CLASS 33. GLASS WARE NOT OTHERWISE CLASSIFIED.) The

Libbey

Libbey Glass Co., Toledo, O. Filed May 18, 1905.

Particular description of goods.—Cut Glass Articles and Electric Light Globes.

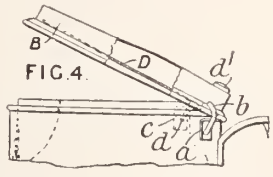
BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF JULY 25, 1906.

6,363. JACKETED HOLLOW WARE, ETC. W. A. S. Benson, London. March 25.

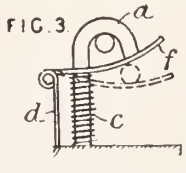
A detachable lid for jacketed vessels such as jugs and double pans consists of an outer lid B and an inner lid D. The place of the ordinary hinge is taken by depending pins *b, d* which engage



perforated lugs *a, c* attached to the inner and outer receptacles respectively. To enable both lids to be raised simultaneously, a stud *d* is attached to the inner lid D near the back edge and passes through a hole in the outer lid, so that on being pressed both the lids are raised as shown in Fig. 4.

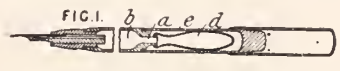
6,413. BROOCHES. J. H. Havers, Birmingham. March 27.

A safety catch *f* is pressed against the fastening-hook *a* by a spring *c*. The catch *f* is pivoted to a lug *d* secured to the back of the brooch, and has



a hole through which passes the hook *a*. The spring *c* is placed around the stem of the hook.

6,574. RESERVOIR PENS. C. P. Schulz, Brixton, Surrey. March 28.

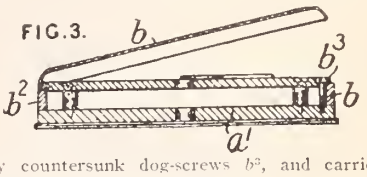


For filling the pen, a rubber, etc., bulb *d* is attached to a nozzle *a* formed on the top of the body part *b*. A cap *c*, enclosing the bulb, is screwed on and forms a continuation of the body part. If desired, the bulb *d* may be removed after filling.

[Reference has been directed under Patents Act, 1902, to Specification No. 13,133, A. D. 1902.]

6,577. WATCHES. J. F. Kendal and F. Goering, both of London, E. C. March 28.

Dust-caps.—The movement of a watch is enclosed by a rim b^2, which is held to the pillar-plate

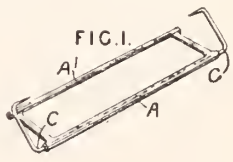


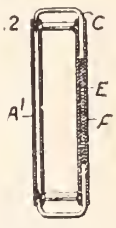
a^1 by countersunk dog-screws b^3, and carries a hinged or snapped cover-plate *b*.

Cases.—The cover-plate is flat and supports the back of the watch-case, which may be made thinner than otherwise it could be.

6,646. NECKBANDS, ETC. F. M. Lilley, Middlesex. March 29.

Collars; cuffs; stays or stiffeners; neckbanks.—Relates to a device for keeping in a spread state hands or strips of fabric likely to crumple. A pointed wire C is passed through one limb of a tubular frame A and is bent over at both ends, as





shown in Fig. 1, so that the pointed ends are sheathed in the hollow tube A^1. In a modification, Fig. 2, two U-shaped wires C, are united in the tube by a spring E. When placing the spreader in position, the pointed ends of the wire are sprung out of engagement with their sockets, and passed through the material, and then sprung back. The apparatus may have three or more tubes, or the wires C may be made hollow so as to slide over a solid wire frame.

Complete Specifications accepted July 18, 1906.

1905.

18,843. CANDLE EXTINGUISHER. Davies.

25,100. HAIR CURLER. Bromley.

1906.

4,059. BRACELET. Emrich.

6,319. PENHOLDER. Plach.

7,873. CANDLE EXTINGUISHER. Kaiserreiner.

Applications filed July 9 to July 14, 1906.

15,495. STUD. Heinrich Korber, London. Complete specification.

15,605. BINOCULARS. James Aitchison, London.

15,673. CRUET FRAME. W. J. Cabrera, Birmingham.

15,681. CLIP FOR WAIST BANDS. Agnes Johnson, Glasgow.

15,742. EYEGLASSES. Sidney Richardson, London.

15,853. COMBINED PENCIL CASE AND CIGAR-CUTTER. Thomas Wilcot, Birmingham.

15,980. FOUNTAIN PEN. Tudwal Jones, Liverpool.

It was reported in a dispatch from Milan, Italy, last week, telling of a fire at the International Exhibition, in that city, that the Palace of Decorative Arts, containing 4,000 exhibits, was a mass of ruins, while the Fine Arts Pavilion was safe. The loss is estimated at from $2,000,000 to $3,000,000. The flames were discovered at 5 o'clock Friday morning, in the Hungarian section, and spread rapidly. The jewelry and fine arts sections were both menaced, but a large force of carbineers carried the rare and precious articles, including some of the most valuable paintings in the world, beyond the reach of the flames.

Mainspring Don'ts

Simple Hints for Those Who Handle Mainsprings

Don't fail to provide yourself with the best mainspring winder that can be obtained. See that the hooks on all arbors of the winders are no longer than the thickness of the thinnest spring, and thus avoid kinking, and therefore unnecessary breaking of mainsprings.

Don't use a mainspring that is too long, because it fills the barrel and prevents that part, or the mainwheel, from making the required number of revolutions, with the consequence that the watch will not run as it should after each winding.

Don't use a mainspring that is too strong, because it will set, increase the percentage of breakage and injure the watch.

Don't use a mainspring that is too wide, and be sure that the tip and brace do not extend beyond the limits of the cover and barrel.

Don't forget that a mainspring should not occupy more than one-third the diameter of the barrel, thus leaving two-thirds to be divided between the arbor and winding space, to enable the watch to run about thirty-six hours.

Don't expect a mainspring to be flat if you put it in the barrel with the fingers. This method usually injures the spring, gives it a cylindrical form, and thereby increases the friction in the barrel.

Don't bend the inner or outer end of the mainspring with flat-nosed plyers, but provide yourself with specially made round-nosed pliers which will give a circular form to these parts, prevent short bends, contract the inner coil, and thus secure a closer fit to the barrel arbor without injuring the spring.

Don't expect other than a properly fitted flat mainspring with rounded edges to produce the least friction in the barrel, allow the greatest amount of power to the train, and give the best results as to time, service, etc.

Don't expect a mainspring to always endure extreme changes in temperature, or electrical disturbances, or straightening at full length, or neglect from lack of cleaning and oiling.

Don't expect a watch that needs cleaning or other repairs to run satisfactorily by merely putting in a new mainspring.

Don't expect a mainspring to plough through too much dirt.

Waltham Watch Company

Waltham, Mass.

THE HOROLOGICAL REVIEW.

INTERESTING OBJECTS SEEN *at the* RECENT HOROLOGICAL EXHIBITION *in* NUREMBERG.

Compiled and Translated for the Jewelers' Circular-Weekly from the Journal Suisse d'Horlogerie.

(*Continued from issue of Aug. 8.*)

AMONG other remarkable pieces is a watch with automatons called Jacks, striking the hours on bells (1790). A fine silver watch with a double case in open work, delicately wrought like real lace.

Another with a figure representing a gilded Turk, pointing out the hours with both hands, the minutes on the left, the hours on the right. This is signed Robert et Courvoisier, doubtless of Chaux-de-Fonds.



A COLLECTION OF ANTIQUE BLACK FOREST CLOCKS SEEN AT THE NUREMBERG EXPOSITION.

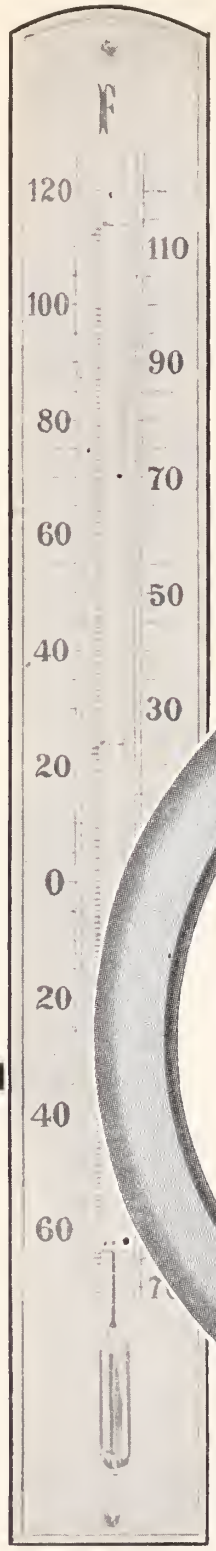
The collection from the Museum of Amsterdam contained a fine and curious machine for cutting fusees. It is all of iron, very old, but molded all over. It is a piece of co-operative work, signed Martin Gruez, Mulheim. Some alarm clocks, one very old, artistic in appearance and with an embossed striking bell; another in polished brass with chased figures, signed J. Leresche, galerie de Valois, Palais Royal.

Then a Louis XIII. movement, the cock very large and beautiful, is cut in on the side for the keyhole, so that the balance has only two arms, each one having a circular depression to admit of oscillation. A singular combination!

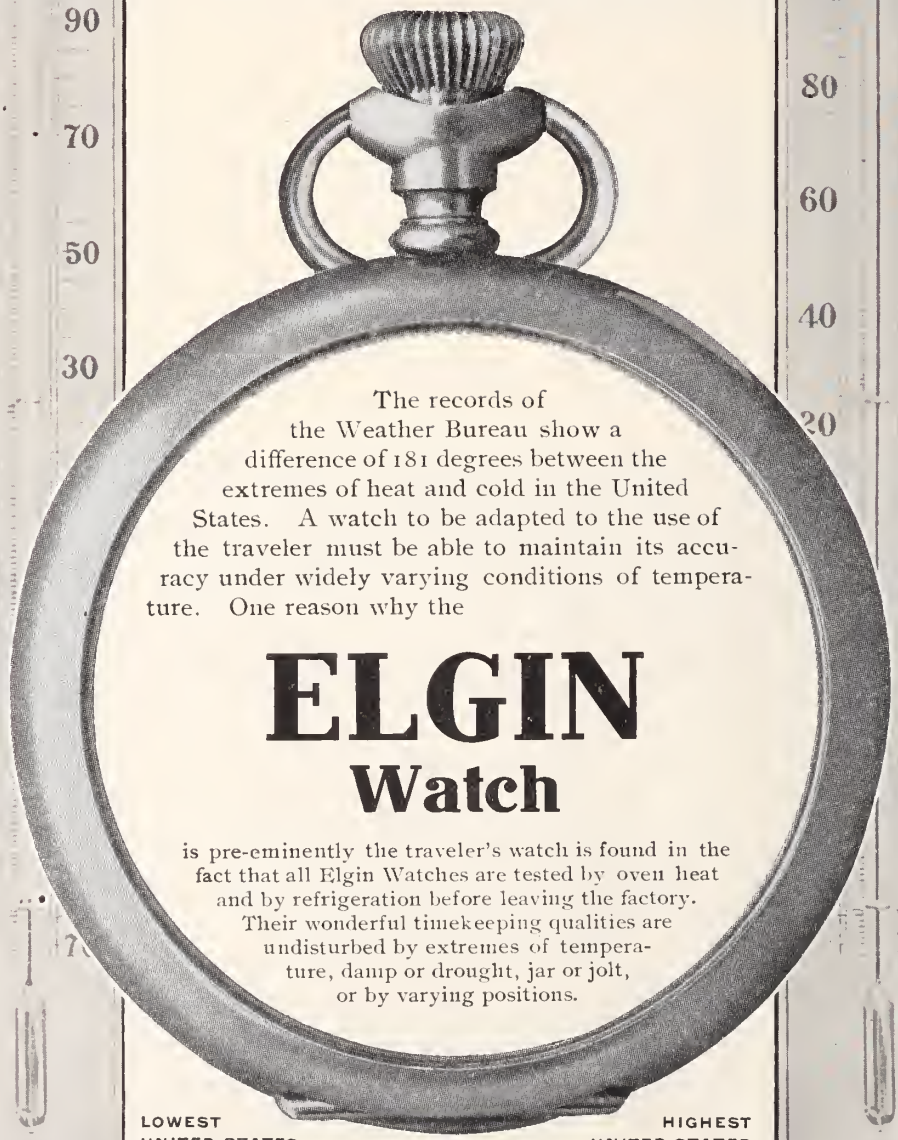
Several other isolated movements, very tall, with fine cocks, and one silver watch with three dials (hours, days of the month and phases of the moon), and between them several combinations under the dial, all chased and gilded in a fine manner.

A steel chain with large chased links, out

An Argument for the ELGIN Dealer







The records of the Weather Bureau show a difference of 181 degrees between the extremes of heat and cold in the United States. A watch to be adapted to the use of the traveler must be able to maintain its accuracy under widely varying conditions of temperature. One reason why the

ELGIN Watch

is pre-eminently the traveler's watch is found in the fact that all Elgin Watches are tested by oven heat and by refrigeration before leaving the factory. Their wonderful timekeeping qualities are undisturbed by extremes of temperature, damp or drought, jar or jolt, or by varying positions.

LOWEST UNITED STATES TEMPERATURE 63° BELOW

HIGHEST UNITED STATES TEMPERATURE 118° ABOVE

The above is one of the many good arguments for the Elgin Watch, all of which help the dealer to sell Elgins.

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

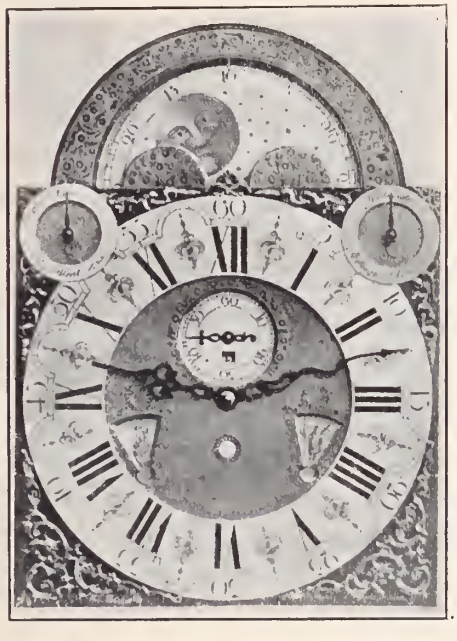
ELGIN NATIONAL WATCH COMPANY

Factories, ELGIN, Illinois, U. S. A.
General Offices, 131 Wabash Ave., Chicago.
NEW YORK OFFICE, 11 John Street.
SAN FRANCISCO OFFICE, 206 Kearny St.

of one piece, if I mistake not, accompanied this watch. The key in open work and engraved is very remarkable.

Max Bandelow, of Templin, had a pretty traveling clock in a casket of wood and leather, which, unfortunately, has been freshly gilded. Then come (in the Speckhart collection), a religious clock, copper dial, visible balance; a beautiful affair. Then, belonging to Bruch, of Erlangen, a very original picture, the only one of its kind here, representing a village with spire, farm, etc., and above in the clouds a black horizontal band shows the 12 hours and a little old man, walking from left to right, points out the time with an index. His return is accomplished abruptly, and he begins his route again.

Gustave Trischlolz, of Erlangen, showed a magnificent little beauty of a clock, in the cuckoo style, with weights, a tin dial, visible balance, case in open work, wrought, chased



DIAL OF CLOCK WITH CALENDAR AND CHIME.

and gilded—a veritable jewel and in perfect condition; also several other cuckoos, original in style.

Dr. E. Kugler, of Nuremberg, showed a beautiful iron movement with the drums of the barrel stationary—a piece extremely rare and very old. Unfortunately, it has been restored; several wooden watch-stands or holders, style Louis XV., and a clock with a dial in relief, in the old Nuremberg style, on the upper part of which is a medallion showing a subject crowned.

H. H. Bergner Son, of Berlin, had a display containing only five pieces, but all superb. A movement, Louis XIV., a silver cock and in the center a personage filling the entire height and holding a shepherd's crook. On each side are two birds, the whole surrounded by magnificent open-work branches. The piece is signed Bramer, Amsterdam; a movement with a large cock in enamel, signed Vlathey le jeune, and finally two enameled pieces in perfect preservation, one of which is with milfoil and roses.

John Hartmann, watchmaker to the Court at Berlin, displayed a carriage watch with multiple dials, gilded hands and enameled hour dial; also a watch having at the bottom of its dial a little Neuchâtel clock, an ancient piece, whose balance with a golden lentil moves in a way to represent a pendulum; a gold watch with the reverse divided into six ovals, ornamented with precious stones and surrounded by beautiful rubies; a silver watch, oval in form, consisting of a snuff-box with a silver dial and giving the effect of an egg watch movement, afterward set in the snuff-box, an oval silver case, the cap of which opens on a hinge in the middle, disclosing on one side the hours and on the other the days of the month; a silver piece with visible balance on the dial, style Breguet; a piece in the form of a heart, style of the Empire; another very beautiful gold one, having on the reverse a rose in enamel; finally, an oval snuff-box, having on its reverse an enameled rose in deep blue, with a setting of pearls and showing the seconds in the center.

An ancient repeating watch, very handsome, striking the hours and the quarter-hours, whose reverse in gold shows the rising sun, in repoussé, belonged to Michel Drechsler, of Fürth, in Bavaria. Mr. Schrag, consul at Nuremberg, showed an ancient clock in the form of a cathedral, sculptured in wood with the ribs in old gold, the reverse in old bronze, with beautiful dial and handsome hands.

H. Heid, Frankfort-on-Main, had an ancient table clock, square in form, whose feet are angels' heads, delicately chased. It is to be remarked that the feet, supporting table clocks, are extremely varied, and that at the same epoch we find a quantity of different subjects.

Fred. Heydolph, Nuremberg, exhibited a beautiful religious clock, in perfect condition, with three sets of works, a chime of five bells and a calendar. The movement is with a fusee, has an inner balance and a false one under the dial.

Professor Brochier, Nuremberg, displayed a small gilded traveling clock, having a movement with stationary barrel, large and small striking bells, alarm, calendar, all in a red velvet casket.

Gustave Speckhart also exhibited a clock having as its subject Hercules supporting a terrestrial globe. An index from above points out the hours engraved on the rim. Its metal dial has four divisions only. A day calendar is disposed in a circle round about the dial.

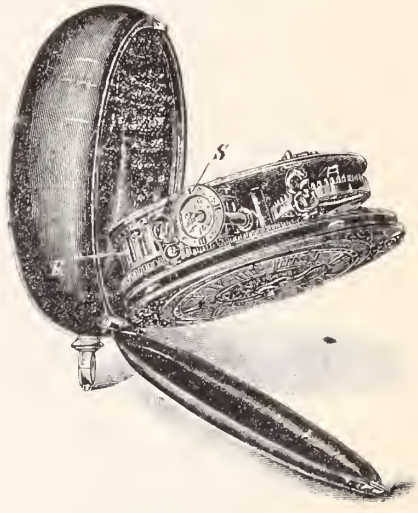
A. Jagemann, watchmaker to the Court at Munich, showed a pretty clock with weights, all of iron. A dial with a pennon center, balance in front of the dial, a bell tower of wrought iron, the pillar terminating in little bales, a small glass bell with scalloped sides, a little cuckoo with weights, all in iron; even the wheels, tin dial, balance with "foliot" with the two weights (1480).

We are now pretty well on the road to the watch. The works are very limited, and it is round in shape and flat. It is a rare specimen.

Side by side with the latter is a cuckoo of the same form, with the same dial and an iron movement, but having in addition a circular balance. Here is the future watch of Peter Henlein showing itself still more. This date is also 1480. Thus we come to 1500, the date of the invention of the pocket watch. Here is a very small cuckoo with skeleton all in iron, a circular balance without "regules," a movement with weights, running 24 hours. By an ingenious piece of mechanism the hour is struck by a blow of a hammer on a bell. The hour wheel has spurs which raise a lever so that the latter releases a small windlass driven by a light weight. To this windlass are fixed an eccentric and a wire, which is attached to the hammer. When the windlass is released it makes a revolution and the hammer is set in motion by the eccentric.

Mr. Jagemann has shown us in those three old movements, very rare and remarkable. In a show case he has 40 old movements, of which half are of the times of Louis XIII., Louis XIV. and Louis XV. It is a magnificent collection of movements arranged tastefully on pedestals and in perfect alignment.

Here is a fine display of cuckoo clock hands in antique style, also key to carriage watches made of brass, flat, enormous, with



VERGE WATCH FROM THE FRANKEL COLLECTION, WITH PECULIAR SPRING WINDING DEVICE.

engravings in relief, representing roses or symbols, also watch keys with a crank attached.

Farther on is a considerable assortment of watches, chased egg watches with silver dials and open work in the center, showing calendars of all sorts, arranged in all fashions. What riches are displayed here!

A small round watch with gilded open-work cap is a specimen of what preceded the egg watches as Henlein made them. It is therefore an error to suppose that Henlein made his first watches in the shape of an egg, a form which was speedily adopted, either because it was better adapted to the pocket or because of the use of the fusee, which at that time required more height, or finally, because the eggs generally had two or three dials, for there are very few of them that have only one.

Litigation is threatened in the bankruptcy proceedings against I. C. Dillon, of I. G. Dillon & Son Co., Wheeling, W. Va., by local creditors who declare they are not satisfied with the settlement as agreed to by the merchandise creditors, who hold the majority in number and amount of all claims, and who are represented by the Jewelers Board of Trade in New York.

THE UNION OF FORESIGHT AND PROMPTNESS

SHREWD MERCHANTS do not delay ordering till the last minute. Anticipated demands are generally provided for in ample time. This is simple business foresight. Yet it is also true that special circumstances often call for rush orders.

Have you gauged the season's requirements in your Watch Department? Have you ordered your Watches on a reasonably generous basis, so as not to be hampered by a too limited stock? Use your foresight. Forward your orders early. *You will find Promptness and Efficient Service at this end of the line.*

CHICAGO
103 STATE ST.

J. W. FORSINGER,
LEADING AMERICAN WATCHES AND MOVEMENTS

NEW YORK
2 MAIDEN LANE



ZENITH
MOVEMENTS

Give the

RIGHT TIME
EVERY TIME
For a **LIFE TIME**

Grand Prize, Paris Exposition, 1900

Made in O size, 12 size, 16 size, all grades
Hunting or Open Face, Pendant Set

INTRODUCED FOR THE FIRST TIME IN AMERICA, THOUGH ONE OF THE BEST KNOWN WATCHES IN EUROPE FOR GENERATIONS

Manufactured by

GEORGES FAVRE-JACOT & CO., Locle, Switzerland

HIPP. DIDISHEIM & BRO., Sole Agents, { 49 MAIDEN LANE, NEW YORK. / COLUMBUS BUILDING, CHICAGO.

Disk Clock Transformed Into a Nocturnal Timepiece.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the *Deutsche Uhrmacher Zeitung.*)

AMONG the watches and clocks made by former masters in horology are many peculiar pieces which are interesting alone from the fact that there are no duplicates in existence. This is the case with the disk clock, shown herewith, which has been transformed into a nocturnal clock by means of a unique mechanism.

The dial is of good dimensions, the disk measuring, outside, 25.6 cm., while the open space inside the dial has a diameter of 15.2 cm. Above the disk is an open work top-



FIG. 1.

piece, 13.7 cm. wide and 5.5 cm. high. The space between the false dial and the numeral-ring, or the top-piece, respectively, is fitted out with violet velvet, which bulges out between the open work ornaments and takes up the entire room inside the numeral band.

Above the numeral VI (see Fig. 1) is a richly decorated shield, bearing the name of the maker (J. Hentzschell, Darmstadt). The round opening of the pierced top-piece at one time probably contained something, too, perhaps a monogram or a coat of arms.

The hour hand, the name plate and the top are wrought of polished brass, which harmonizes well with the dark violet velvet. The entire height of the clock, including the pension ring, is 40 centimeters.

Below the figure XII a little star is broken out, and underneath it a sector-shaped peephole is disposed, behind which a second numeral band moves past from right to left, whose figures are sawed out. By virtue of this arrangement the clock serves for indicating the time at night.

As can be perceived from Fig. 2, a little tin shelf is fitted on the back of the clock above a strikingly small clockwork (the capsule enclosing the mechanism measures only 6.5 cm. in diameter), which shelf is destined to bear the night lamp, and has side walls which prevent the light from falling downward or sidewise. The light is seen through the pierced numerals and the star, thus enabling one to tell the time quite accurately within 10 minutes with the aid of the said star.

At the peephole upon the face of the clock two succeeding numerals are always visible. When it is a few minutes after or to the full hour, but one figure is seen. By measuring the proportion with the eye it is easy to ascertain the distance of the star from the two numerals and to judge the time accordingly in a very exact manner. Thus it can be readily seen in Fig. 1

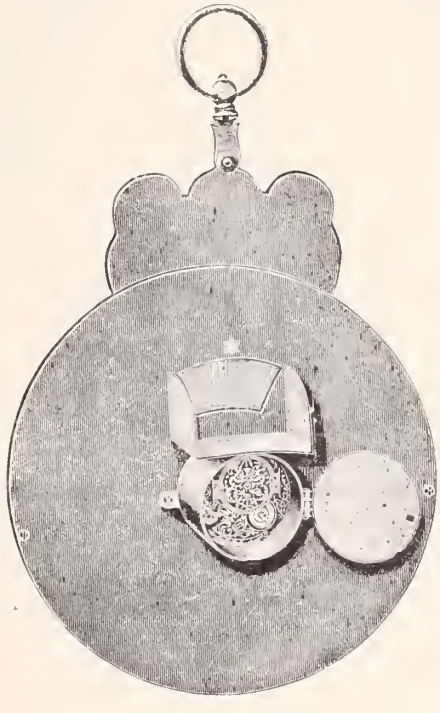


FIG. 2.

that only a few minutes are lacking of 3 o'clock.

The use as a night clock has probably been the chief purpose, if not the only one, of this timepiece. This is indicated by the fact that only one, viz., the hour hand, revolves on the day dial. According to the construction and engraving of the verge mechanism, the clock dates from the second half of the 18th century. At that time minute hands had long been in use, at least for 100 years. The hour hand, therefore, was perhaps mainly intended to make a somewhat more accurate adjustment and regulation of the clock possible than would have been practicable with the indications of the night dial, which were rather inaccurate on account of the considerable play.

Albert Anderson, for several years with W. D. Werner, Grand Rapids, Mich., has just taken a position as instructor with the Bradley Polytechnic Institute, Peoria, Ill.

Wallace L. Monett, referee in bankruptcy, has appointed J. M. Talbott, Galion, O., receiver of the stock of Davis Bros., Galion, bankruptcy proceedings against whom were reported in a recent issue of THE CIRCULAR-WEEKLY.

The Chronometer as a Window Attraction.

FEW of the show windows of the town attract more people than does that of the jeweler who keeps, where it can be consulted by the passers-by, a chronometer; and at few is the throng more constant, says a writer in the New York *Sun*. At the windows of some such jewelers in the busier streets downtown there are always people looking, and sometimes so many that they have to look over one another's shoulders to see the chronometer.

Many of those thus assembled might be described as irregular regulars—men who know the chronometer, and who stop here every now and then; but there are some among them who have just chanced to see it, and there are still others who were prompted to halt by seeing others looking in at something.

There are jewelers who keep in their window two chronometers, to accommodate a greater number of people.

Of those who stop to consult the various chronometers thus placed, some are old and some are young men, some well dressed and some in clothes that never did cost much, and the watches they bring out to compare with the master timekeeper are as various as their possessors. But it would not do to assume that the watches always correspond with their owners. For the very trimly dressed elderly gentleman may draw out a very modest timepiece, while the man next him, in a rough coat, may produce a ticker far more imposing to the eye.

There are plenty of men who may be only moderately circumstanced who like a good watch, or who find such a watch useful in their work or business, or who consider a good watch as a good asset.

We are all interested in our watches, and we are all, or almost all of us, anyway, likely to think we have a good one. If it is a costly watch we know it; and if it is a cheap watch we think we've got the one in 10, or 100, or 1,000 such watches that turns out to be a good timekeeper. And so we like to stop occasionally and compare her with the chronometer and see how she's running; and that is the simple motive, probably, that prompts the majority of those who stop here.

The Milwaukee Retail Jewelers' Club held its monthly dinner in Platt's Park, near Milwaukee, Wis., Aug. 3. The members met at the North Ave. bridge and proceeded on their way by chartered boat.

Not all smashers of jewelry windows are thieves, as was proved in the case of the window broken in the Spier store at Wheeling, W. Va. The police supposed that a man had hurled a stone through the window and had been frightened away before he had time to grab any booty. While they were trying to find the supposed thief a respectable citizen came forward and confessed that he had thrown the rock, though with no thievish propensity. He said that the cats in the neighborhood had become so active with their nightly concerts as to make it impossible for him to sleep. The rock which he had thrown, and which went through the store window, was aimed at the felines. He paid all damages and everybody is satisfied.



THE LESSON of BREAKFAST FOODS

Why, Mr. Jeweler, why do people eat breakfast foods? Advertising—zestful, appetizing and educational, made the public eat. Advertising forced the non-advertised cereals into well-earned retirement and created the demand for the new breakfast foods. But, reason it out as well as you will, Mr. Jeweler, it's *always* the *advertised* goods that sell. The advertising that created breakfast foods is now at work with watches—is now working for you—if you work with us along the easy, profitable lines of least resistance.

New England

ADVERTISING IS YOUR SALESMAN

We are appealing to more than *one-third* of the entire population of the United States with honest, convincing selling arguments for the New England Watch. The results are showing in doubled sales—but don't you wait until the campaign gets its full momentum this fall. Get in now. Let us send your share of intending purchasers of the New England Watch into your store. Let us refer all inquiries from your locality to you.

In the interest of increased business, Mr. Jeweler, in your own personal interest, sit down now and write us. Ask us for details of our advertising campaign; what we are doing to make customers for you and to make the New England Watch the advertised "seller" of the watch trade.

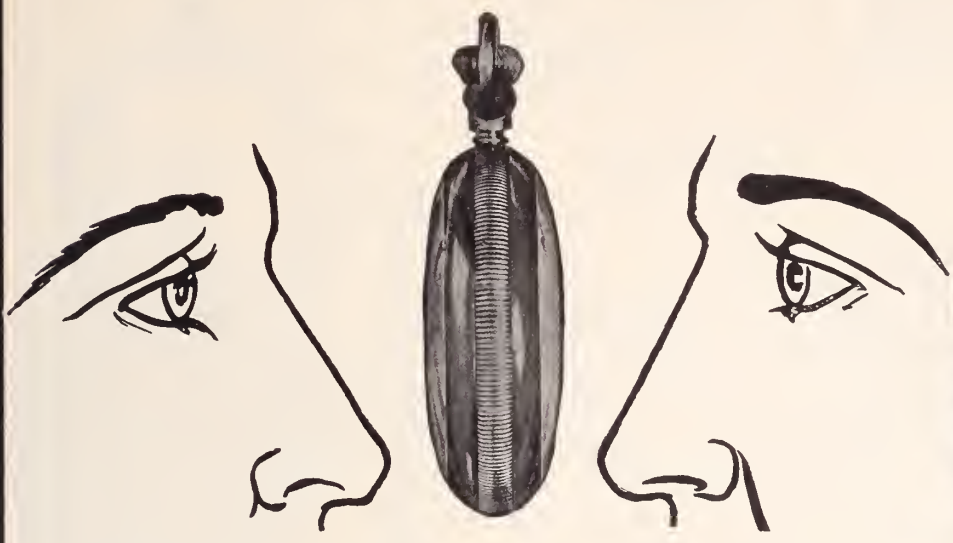
It's a mighty profitable story for a postal.

Address,

DEPARTMENT OF PUBLICITY

NEW ENGLAND WATCH CO., Waterbury, Conn.

You Can Look Right Through



The Skeleton Watch



FRONT VIEW.



BACK VIEW.

The Skeleton Watch is a novelty that sells; that will attract unlimited attention if displayed in your window. The movement is skeletonized throughout so that all the working parts are distinctly visible. You can see right through it.

The case is thin model; made with fine, clear crystals, front and back, these being especially ground to make a graceful contour of case. This makes a light, practieal, pleasing and most fascinating timepiece.

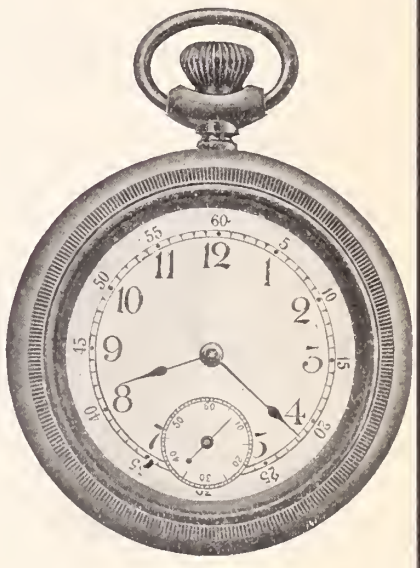
The Skeleton will prove a profitable novelty for you this Fall.

TRADE PRICES:

No. 981	Nickel Silver	Price	$2.50
2581	Sterling Silver	"	4.50
181	Gun Metal	"	3.00
4981	10-Karat, 20-year case	"	6.50

THE COWBOY





The very latest in a strong, finely finished watch.

Open face, nickel silver, screw case. Stem wind and set. Six jeweled movement.

Flat parallel crystals; 10-karat gold filled crystal ring, and gold filled crown.

The Cowboy is in every way a desirable timepiece; durable, stylish and one of the best sellers in the New England line.

Trade Price, $3.00
Retail Price, 5.00

Address DEPARTMENT OF PUBLICITY

NEW ENGLAND WATCH CO., Waterbury, Conn.

50c. 50c.



To Push Business

DURING AUGUST

These watches displayed prominently in your window with a legitimate profit attached, will draw trade to other lines, and put renewed life and vigor into your business.

ORDER NOW

We carry everything pertaining to the Watch and Jewelry line.

WATCHES, DIAMONDS, OPTICAL GOODS, JEWELRY, ETC.

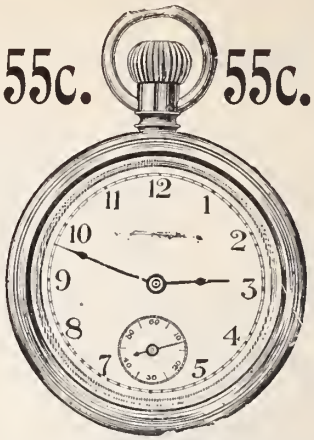
Write for our illustrated Bargain Catalogue No. 58, just off the press, mailed to the legitimate Jewelry Trade on application only.

HOLSMAN & ALTER

Wholesale Jewelers

176-178-180 E. Madison Street Chicago, Ill.

55c. 55c.



Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....50c
In lots of 50, each..... 49½c

Freedom Oxidized—Same as above in black gun metal case, each.....55c
In lots of 50, each.....54c

Freedom Gilt—Same as above in 14k gold-plated case, each 55c
In lots of 50, each 54c

H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...55c
In lots of 50, each.....54½c

Nubian Oxidized—Same as above in black gun metal case, each 60c
In lots of 50, each 59c

H. & A. Special Gilt—Same as above in 14k gold plated case, each 60c
In lots of 50, each 59c

The Lady Racine



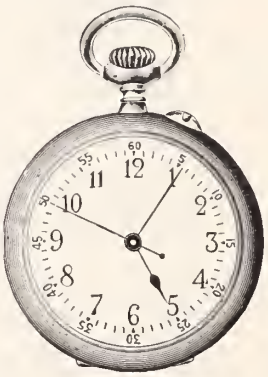
Positively the BEST chatelaine watch in the market.

Machine Made

10, 11, 12 and 13 Line; Cylinders and Levers; cased in Nickel, Gun Metal, Silver and Gold.

Material on Hand.

Write for prices.

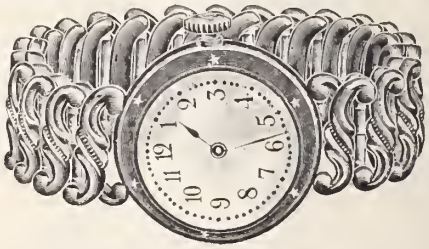


Lady Racine
Nurse Watch.

JULES RACINE & CO.,

103 STATE ST., CHICAGO. SOLE AGENTS **37 MAIDEN LANE NEW YORK.**

For Sale by all Jobbers



THE MINERVA

GOLD FILLED

Watch Bracelet

BEST IN THE MARKET

Also Solid Gold Watch Bracelets, plain or set with Diamonds and Pearls.
Full line of Swiss Watches in all sizes and qualities, also novelties in watches a specialty.
Write us for information, etc.

KLIPPER BROS.

59 Maiden Lane New York

46 out of 99 PRIZES

were awarded to

PATEK, PHILIPPE & CO.

In the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

68 NASSAU ST., NEW YORK. GENEVA, SWITZERLAND.

"Perfect Yourself"

in ENGRAVING and EXPERT WATCH WORK.
Take a Post-Graduate Course.

RIES & ARMSTRONG, Macon, Ga.

Learn Watchmaking

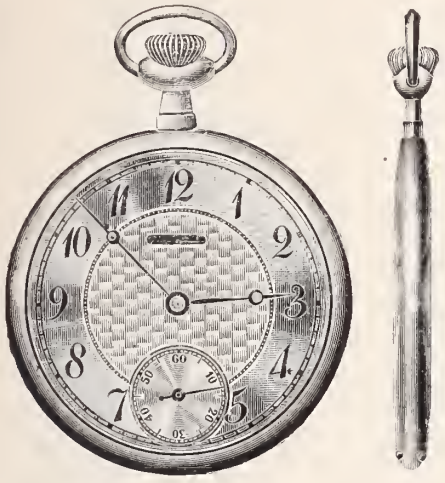
Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address

St. Louis Watchmaking School, St. Louis, Mo.

Rockford Watches Speak for Themselves.

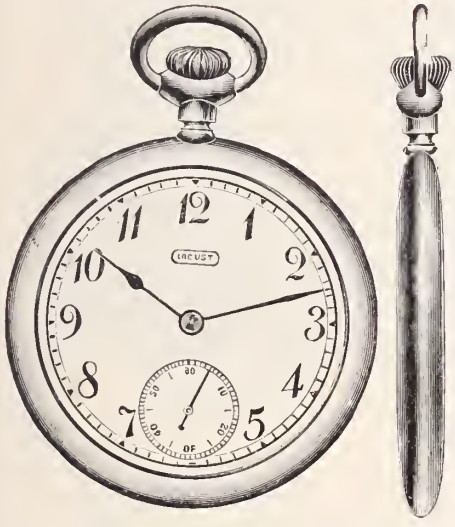
THE LANCET

15 and 17 jewel, adjusted, cased in 25-year Gold Filled hinge, or Solid Gold, 14 Kt. The best and most attractive watch on the market.



THE LOCUST

7 jewel, lever, cased in 20-year Gold Filled, Screw back and bezel. Also in Nickel, Gun Metal, Etched and Silver.



ASK YOUR JOBBER FOR THEM
or write direct to

Hipp. Didisheim & Bro.

49 Maiden Lane, New York

Chicago Office, Columbus Building

LANGENDORF'S WATCH CORNER

WATCH THIS CORNER!

Don't be slow! "LONVILLES" are selling. Carry in stock what your customers call for. If your jobber cannot supply you, write to



LONVILLE Movements are being made in 0s, 12s and 16s. No Pillars, everything is solid, and nothing has been spared to make them, in every respect, a first class Lever Movement.

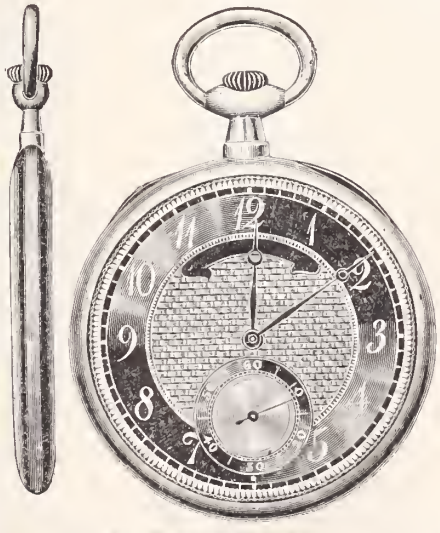
SOLE AGENTS FOR UNITED STATES,

BYRON L. STRASBURGER & CO.,

17 Maiden Lane, New York, N. Y.

Vacheron & Constantin,

GENEVA, VACHERON & CONSTANTIN TRADE-MARK. SWITZERLAND.



MAKERS OF EVERY VARIETY OF

High-Class
Adjusted Watches,
Complicated Watches,
Extra Flat and
Ultra Flat Watches,
Enameled, Carved and
Jeweled Watches.

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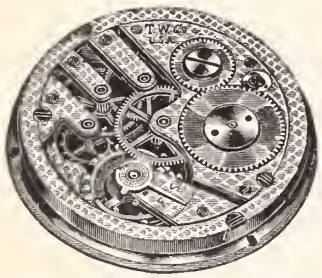
Trenton Watches are Unequalled

For Beauty of Design, Perfection of Finish and Reliability Combined with Moderate Price



No. 100. Bridge Model, O Size, 7 Jewel, Hunting and Open-Face, Pendant Setting.

JOBBERS SELL TRENTONS



No. 320. Bridge Model, 12 Size, 7 Jewel, Hunting and Open-Face, Pendant Setting.

PRICE LIST on APPLICATION



No. 140. Bridge Model, 16 Size, 15 Jewel, Hunting and Open-Face, Pendant Setting.

A SAMPLE LINE is convincing. They are Pendant Setting in all Sizes, fitting Regular Pendant Setting Cases, Decorated Dials, and Louis XV Hands.

A Neat Sign or Advertising Booklet for the Asking

Manufactured and Guaranteed by the

TRENTON WATCH CO.

Trenton, N. J.

MOST COMPACT

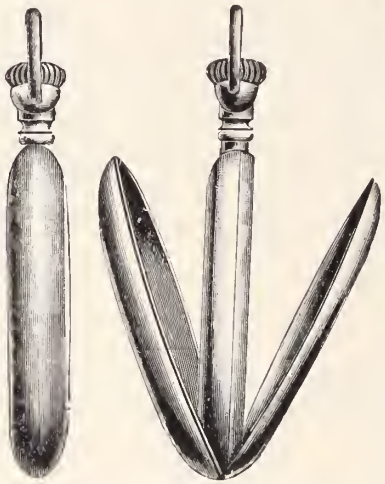
AND THINNEST DUST-PROOF

OPEN FACE

GOLD CASE

MADE IN THE WORLD FOR AMERICAN MOVEMENTS.

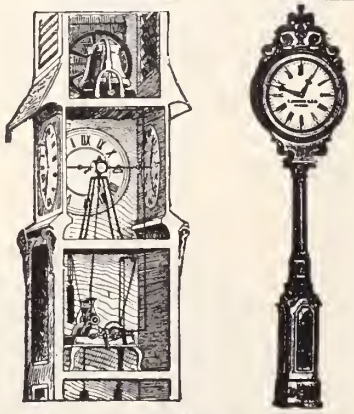
Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

DUBOIS WATCH CASE CO.

21 Maiden Lane, New York.



MAKERS OF

Tower and Street Clocks

For particulars write us, mentioning The Jewelers' Circular-Weekly.

E. HOWARD CLOCK CO.,

EST. 1842. BOSTON, MASS., U. S. A.

WATCH REPAIRS

FOR THE TRADE ONLY

WE BEAT THEM ALL!

in Prices and Quick Service

MAEBERT & REISS

71 and 73 Nassau Street - NEW YORK

IF IT'S A

ROY

TRADE MARK

IT'S STANDARD







O Size Bassine Engraved Cases, made from assayed Gold, quality as stamped.

ROY WATCH CASE COMPANY,

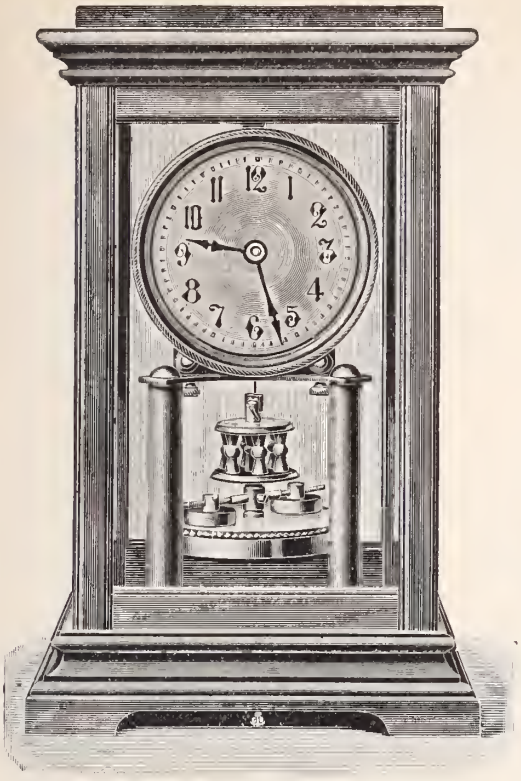


21-23 Maiden Lane, NEW YORK.

SAN FRANCISCO.

LONDON, ENG.

FULLY GUARANTEED



SOLE AGENTS OF

400-Day Clocks

WITH

TRADE GB MARK

GEO. KUEHL & CO.

178 E. Randolph St., CHICAGO, ILL.

Manufacturers and Importers of

HAND-CARVED

GENUINE BLACK FOREST

Cuckoo Clocks

WITH

TRADE G.K. MARK

Jewelers! If you order Cuckoo Clocks, order them with our trade mark.

They are the BEST. There are none BETTER.

Our clocks have received the highest award, "Gold Medal," at the Chicago, Omaha, Paris and St. Louis Expositions.



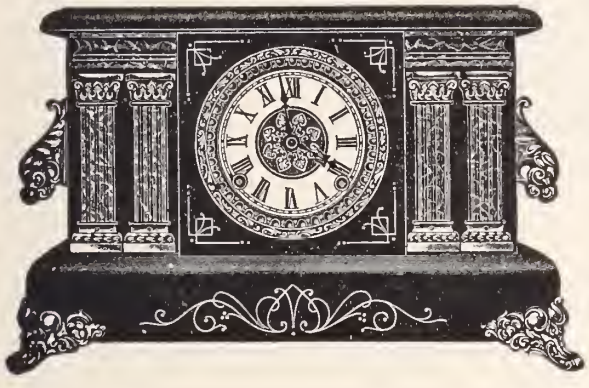
It is not the question how cheap a Cuckoo Clock is, but how good.

A customer will never remember that he paid a little less for his clock, but he will always remember if the clock does not give entire satisfaction.



TRADE G.K. MARK

For Sale at all Wholesale Clock and Jewelry Houses



Sessions Clocks

Superior finish. Reasonable prices.

Have you seen our

New and Exclusive Designs

in Mantel and Hanging Clocks?

Write for Catalog and supplement.

The Sessions Clock Co.

Main Office and Factories,

Forestville, Connecticut, U. S. A.

New York Salesrooms,

37 Maiden Lane.



WHOLESALE

DUEBER-HAMPDEN COMPLETE WATCHES

The conceded friend makers for the retail dealer. We are certain that we can help you make customers if you will write us for prices on Chains, Rings and all kinds of High-Grade Jewelry.

WM. C. PENFOLD CO.

WHOLESALE JEWELERS

AND AGENTS FOR DUEBER-HAMPDEN WATCHES

818-820 Chestnut St., Philadelphia, Pa.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Profit and Loss in Business.

By B. A. CHAMBEAU, in the *Haberdasher*.

HOW many merchants are there who can tell at the end of the year just how well off they are and just how their business for the year past compares with that for the year preceding? Unfortunately, there is only here and there a merchant whose system is perfect enough to permit this. This should not be the case.

From my understanding of what constitutes failure it is safe to say that 90 per cent. of our business men are failures. If you want to be convinced of this just investigate the retail business conditions in any fairly large community, and you will discover that not more than 10 per cent. are making a success. The balance are putting in many hours of work and worry every day trying to make an honest living.

Any man who is not successful is a failure, perhaps not an ignominious failure—but a failure just the same. Lack of capital is given as the most fatal single cause of failure. About one-third of the failures are accounted for in this way. Then comes incompetence, due to a mistaken idea of vocation, poor judgment, mismanagement and kindred causes.

This analysis, no doubt, is correct, and I believe you will find that the underlying causes are due to the fact that the gross profits are not in the right proportion to the expenses, or the expenses are too high for the volume of business.

Did you ever stop to consider how much gross profit you would have to have in order to make your business pay? How do you figure expenses?—like this: Rent, light, clerks, deterioration of fixtures, credit losses and peculations, advertising, postage, insurance, interest on investment, heating, telephone, taxes, incidentals and personal services.

Now then, nine men out of 10 will fail to figure in deterioration, interest on investment and personal services as legitimate expenses. But, are they not? Take the item of deterioration—isn't it a fact that your store fixtures in 10 years cannot be sold for half what you paid for them? Then, if that is the case, you must figure deterioration in expenses. In many lines of business after the first year the rule is to deduct 10 per cent. a year from the cost price of fixtures for deterioration. As for the item of interest on investment, a little thought will convince you that it is perfectly fair to charge this to expense.

The personal service item is the one most liable to be overlooked. Still "the laborer is worthy of his hire," and the proprietor of the store has a perfect right—indeed, is bound to—charge his own business for his services as much as he could get for the same amount of devotion of energy and brains to the business of one of his competitors.

Now we will take up the above items again, carrying them out with figures based on a hypothetical retail business.

Rent	$1,200
Light	300
Clerks	2,820
Deterioration (fixtures cost $2,000)	200
Credit losses and peculations	300
Advertising	300
Postage	60
Insurance (on $10,000)	100
Interest on investment	600
Heating	100
Telephone	36
Taxes	150
Incidentals	400
Personal services	1,200
	$7,766

We find that the total of expenses for the year is $7,766. That is, a gross profit on sales of $7,766 must be made before the business is even self-sustaining. Upon how much more than $7,766 is made, depends the answer to the question as to whether the business is successful or not, and how successful.

We will assume that in this case gross profits average 40 per cent. Then, in order to clear expense, an annual business of $7,766 ÷ .40, or $19,415, must be done.

From this, then, it follows clearly that in order to make the business a success, that is, clear more than expenses, one, two or three things must take place—increase in the percentage of gross profits, or prices; increase in gross profits, or volume of sales; reduction of expenses. Every cent added or saved in any of these ways goes toward placing the business where it may be called a success.

The foregoing, while it is a presentation of the proper method for analyzing a retail business and its status as regards success—and every merchant should know how he stands—is also offered with the intent to lead up to attention to the first necessity of any retail business—the "inventory habit."

The small merchant may well study the methods of those great and successful concerns where no economy, however small, is ignored in their efforts to broaden the zone between cost of doing business and gross sales, and where no detail is omitted that will serve to determine the point where cost ends and profits begin. The principles that make for success in the large business should obtain in the small one, and he who would attain the greatest measure of success must master details.

When the merchant's profits are reckoned by the amount of money withdrawn from the business, no inventory being taken, they are only a matter of guesswork. It is easy to form the inventory habit, which, once formed, becomes a thing to be anticipated rather than dreaded. It is with a feeling of satisfaction that, after closing the year's business, one can mentally pat himself upon the back and say: "I know where I stand; I am in possession of information concerning my business that will enable me to do better during the coming year." There is no negative side to the inventory question.

The inventory question is not one merely of sentiment, nor is the sole aim and use of the inventory to secure information as to the previous year's business. One of its most practical uses has to do with fire insurance. How much easier it is to secure a proper adjustment of claims when one has been in the habit of taking an inventory, any person with experience can testify. Insurance adjusters are skeptical chaps, and they have to be shown. If you have your inventory record, it will be very little trouble to show him. But the chief use of the inventory is to give a minute and practical knowledge of the stock and its movements, the kind of knowledge that will guide in buying, advertising and pricing, and prevent the accumulation of dead stock.

To the extent that one can subdivide his business, knowing the net returns from each department, in just so far will he be able to correct errors that otherwise will not be discovered. Not only that, but such vigilance exercises a healthful influence upon employes by arousing interest, and often enthusiasm. Neglected lines are taken in hand and their sales increased, and stock that has or is in danger of becoming dead is pushed out.

In dealing with accounts in taking the annual inventory, the best way is to discount doubtful accounts one-half, rejecting entirely those considered bad. By doing this you will be on the conservative side

Storekeeping Department.

in your estimate of assets. Whether your collections of these accounts during the next year are better or worse than this scale, the results will show in your next inventory.

And don't forget to charge depreciation. You may fool the tax collector, but you can't fool the insurance adjuster. Let not your inventory abound in false statements, but rather let it record the exact truth, to the end that you may know where you stand and that your indicated profits are real and not imaginary.

(To be continued.)

Baltimore Jewelers Who Have Apparently Succeeded in Poor Locations.

THOUGH derided by many of the Baltimore and Charles St. jewelers, some of the craft in the outskirts persist in declaring that they have located gold mines in many of the minor thoroughfares. Certain dealers, like some prominent men, are not averse to talking, though they do not wish to have their remarks enclosed in quotation marks.

An example of marked success in a poor neighborhood and under adverse circumstances is that of Frank S., the material man at — W. Baltimore St. S. is a young repairer who commenced to scratch glass for himself about three years ago, with a small capital and a still smaller stock. The great fire swept both of these out of existence. Mr. S., like all the rest of the downtown jewelers, was sadly put to it for a location, and finally was obliged to take a store in an apparently dead part of the business section. Its prospects as a supply house were about as bright as Aladdin's lamp before it was rubbed. But S. polished up his best smile, put in a stock, and went on the street and hustled. He spent a little money on some bargain printing and considerable good nature on his friends. Today he has a business which cannot be equaled west of Eutaw St. His progress since the fire has been greater, proportionately, than anyone else in the material trade.

Three years ago E—. M—. was a jeweler for the trade on Fayette St. If he had $5 in his pocket then he would have thought himself wealthy. He had a vague idea that there was money in a retail store near the Cross St. market, and asked the advice of some of his friends. They gave an unfavorable opinion and thought all the money for jewelry in that section would float up to Baltimore St. But M. said he thought by putting out a net with plenty of sinkers he could catch a few of the dollars as they rolled by. Right well has he succeeded. During the holiday season his receipts run more than $100 per day, and it is safe to say his annual receipts exceed $15,000 per year.

J. H. T., who has always enjoyed a good reputation, wherever his location, is acquiring more than a competency in a store at — S. Charles St. None of the wiseacres thought there was any trade to be had there. There might be, but the chances were about 50 to 1 against finding it. T. is a hustler, and a believer in classified advertising. He declared that trade could be found there and now the scientists uptown agree with him.

"Tom" S. is located nearly opposite T., and the business he does in diamonds and watches in the shops and factories in South Baltimore, uptown jewelers would give a pretty penny to acquire.

Nearby, at — Light St., George V. not only does an excellent retail business, but repairs over 2,000 watches yearly.

A Pittsburg Jeweler's Advertising.

IN Pittsburg, Pa., Sam F. Sipe has been doing some very unique advertising in the daily newspapers. Some of the local jewelers have been making claims that they have imported large amounts of diamonds through the Pittsburg custom house, and Sipe has been calling them to task, in a way that is attracting attention.

In his advertisement Sipe says: "Examine the records of the Pittsburg Clearing House up to May 26, 1906, and you will find that no duty has been paid on any diamonds entering this port since August, when we paid several thousand dollars on our importation. The facts are, that the records show that we have paid several thousand dollars in duty each year since 1893, during which time not over a total of $500 has been paid by all the other jewelers in Allegheny County."

In answer to this advertisement, or for other reasons, the statement of Sipe was followed by others, setting forth that importation was made on individual account shipped from Amsterdam in bond, in conjunction with a large diamond house in New York. Then Sipe advertised that he secured his shipments direct, concluding that his diamonds therefore passed from the exporter to him direct, thus making a saving on the importation. The advertising has attracted considerable attention.

The Retail Jewelry Store of the Oldest Jeweler in Washington.

A RETAIL jewelry store representative of progress and enterprise in Walla Walla, Wash., whose present population is about 20,000, is illustrated herewith.

This store is located at 119 Main St., and is owned by Z. K. Straight, who has done business in Walla Walla for the past 36 years, a record which has been equaled by no other jewelry establishment in Washington. Its dimensions are 22 by 80 feet, there being a cut-off of 20 feet in the rear for a work shop. A steel-lined vault, measuring inside eight by eight feet, and containing a steel safe, runs back in this space, thus affording the jewelry stock excellent protection against thieves and fire.

The fixtures are of walnut, the show cases and display tables being eight feet long.



INTERIOR VIEW OF THE STORE OF Z. K. STRAIGHT, WALLA WALLA, WASH.

The display cases are of plate glass, with beveled edge. The screens around the work benches are also of plate glass with beveled edge. The lights are so arranged that they illuminate the wall cases as well as the counter cases.

A feature of this store is the show windows, which are unusually attractive. In the back of the windows there is a V-shaped space, and a piece of stock placed therein is multiplied several times by an optical delusion, effected by means of skilfully arranged mirrors.

Mr. Straight has a Howard regulator which cost $450 and a Howard street clock, which was erected some time ago at a cost of $500.

Frank Bushman, formerly a salesman employed by J. Katz & Co., Baltimore, Md., was released on bail recently at the central police station after having been arrested on a charge of embezzlement. According to the testimony of Mr. Katz and his bookkeeper, Bushman collected money for goods which he sold and failed to turn in the cash.



It's the Little Things that count.

The dainty little things that appeal at once to the casual observer. If it's useful, as well as ornamental, so much the better. Here is a LITTLE THING, so very useful and so pretty in design and finish, that you have but to show one to make a sale, and it yields a BIG PROFIT. It is called

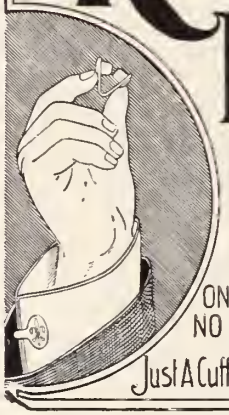
The Automatic Eye-Glass Holder

Can be used as well for a Pencil Holder. It is made in Enamel, Gold, Silver and Rolled Plate, in a variety of artistic designs. We fully guarantee every Holder. We mean it, and will replace any Holder that fails to satisfy. Samples sent upon request. Send for catalogue.



Est. 1832. **Ketcham & McDougall,** Manufacturers,
37-39 MAIDEN LANE, NEW YORK.
ALSO MAKERS OF THE LEADING LINE OF THIMBLES.

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO SNAP
NO LEVER NO SPRING

Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER
Sole Manufacturer
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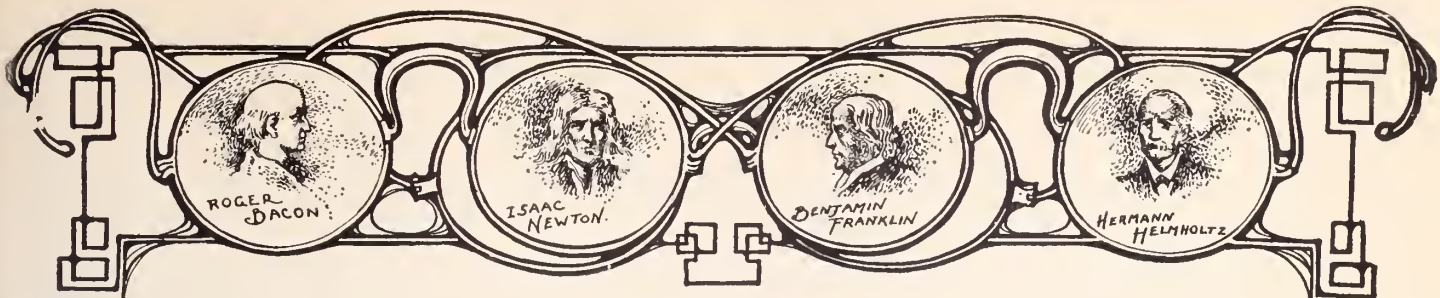
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OPTICAL DEPARTMENT

The Eye—Comparative Anatomy.

(Lecture delivered by SAMUEL S. GRANT, B.O.A., at the Annual Convention of the American Association of Opticians, held in Rochester, N. Y., July 30-31, Aug. 1-2, 1906.)

ALL aboard! We are off on a journey—a journey which covers a vast area of time and an inconceivable amount of evolutionary development. Our tickets are punched "the world," our time limit one hour, so we will travel by lightning express, on that old-time, safe air-line, "Investigation." The experienced and trusty engineer "Science" has his hand on the throttle, so hurry up and get aboard, as we have no time to linger, because we have many way stations to stop at on the journey, much that will interest us, many wonderful things to astonish us.

Yes, it will be a pleasurable trip if we keep our ears alert and our eyes open as we rush along, and I hope at the end of the journey it will map out a new line of thought and emulate us with a desire to travel over the road again, to linger more leisurely at the hundreds of way stations that line it on either side. A few only of the principal ones will be stopped at today—all, however, thronged with myriads of population, each separate class presenting some feature peculiar to itself, amazing in completeness, startling in their wonderful adaptation, abounding in conception, unsurpassable in design, radiant in beauty and infinite in wisdom. The guard shouts "All aboard!" and we are off.

Nature lies around us in all her charming variety—the air, the sea, the land—and while we are speeding to our first station let us mentally equip ourselves for the journey. "And God said, 'Let there be light.'" When this almighty fiat went forth, with all its attendant circumstance, what a panorama is presented to the eye of the inquiring mind. The mighty ethereal elements groan and travail and concentrate; the imponderable assumes the ponderable; the sun, answering the imperious mandate, evolves in all his glory, in all his majesty, and the father of our planetary system, guided by the will of Omnipotence, gathers around him his constellation of sons and daughters, and as they increase in form and strength, as they assume the well-balanced proportions of vigor and motion, light came with all its vibrating forces to stir into activity the primeval molecules, fit for the endowment of vital force and ready to assume the beautiful garments of nature.

I used the expression, "Light came with all its vibratory force," and with its vibratory force and motion evolved the eye, for light was the progenitor of the eye and vibratory motion its womb, evolving it from its lowest form to the wonderful adaptation of its highest—from that of the zoophyte to that of the human, from that of mere sensitiveness to its evolving force to that which empowers it to master the mind, to control the affections, to lift us as king of created matter and monarch of all we survey.

Through some of the labyrinths of this pathway of life, this laboratory of science, this exquisite arrangement of means to an end in comparative anatomy, we are on a journey to-day, though our time limit does not permit but a little gazing through the car window at a few of the glories that lay spread out beyond, rich in all the fullness of their enchanting variety; but we hear the whistle sound, and we arrive at our first station, which is named amoeba.

The amoeba is said to be sightless, but I believe not insensible to the influence of light, for on viewing these dots of protoplasm with the microscope I have often caused the bright light from the reflector to fringe their bodies, and I have found that invariably they moved in its direction, and therefore that this and other locomotive Medusa are endowed with an extremely delicate acuteness to the influence of light which affords them a communication with surrounding media, sufficient to guide them in their limited sphere of life.

In the extremely minute microscopic infusoria, I have for hours watched hundreds of them, swimming and gamboling about in a drop of water only a few millimeters in diameter, through which they have crossed and recrossed, up and down, over and under, in and out, gyrating in all directions with wonderful celerity and precision; yet, with the celerity of that melodramatic character, Punch, which all schoolboys relish, they have eluded all contact with each other. They must, therefore, have some keen sense of sight, but too minute for demonstration.

In the more highly organized polygastric and wheel animalcules I have certainly detected a power of direct vision, which I think is placed on the end of the "horn," for I have observed on many occasions, when these tiny creatures were fishing with their wheels, that they inclined their bodies in the direction of a floating dot of succulent matter, the better to get it within the influence of their whirling maelstrom. This action, I believe, was controlled under the influence of direct visual impulse.

In the annelida, from the worm to the leech, including those that live in the ground and in the water, we find the eye more developed, from a simple enlargement of the extremity of nerve filament, which creates a localized sensibility to light, to its expansion into the form and attributes of a single primitive ocellus, having a slightly hardened cornea and black pigment beneath. In the common leech, for instance, they are 10 in number, arranged over the crown of the head, each containing a lens, a provision probably called for on account of the continuity of the head, neck and body in one piece.

But the whistle sounds again for a station which at once attracts our attention, for it is gayly decorated with all the colors of the rainbow, and we rightly conclude that it is the home of the butterflies, the moths and the beetles. Here we meet with a startling upgrade of visual power adaptation, and are lost in wonder, and revel in admiration of the profound resources of nature to provide all that is necessary—yea, more than is necessary—to guard from danger or guide to sustenance; here we find eyes, simple, conglomerate, or that wonderful aggregation of eyes called compound, which have held in entrancement the most acute observers and have been aptly described as "the most magnificent and elaborate specimens of minute structure with which we are acquainted in creation."

In the compound eye our imagination can run riot; we may suppose one nerve enlargement is formed, and through want of mobility and under the influence of light impulse its adjacent nerve head becomes similarly evolved, and thus through succeeding generations a compound eye built up.

The facet or cornea of each ocellus is hexagonal, a wonderful provision of nature, for had they been round there must have been space or interstices between the ocelli, but, being hexagonal, they lay more closely together. Each ocellus is formed of a cornea, an aqueous, a lens and a vitreous, all enclosed in the retinal enlargement of the nerve filament, the whole being surrounded by the common choroid matter which fills up all intervening vacant space, and probably serves as the vascular medium and becomes more dense as it approaches the general retina; it is beneath this general retina that we find a feature different from all other kind of eyes, for from it and connecting with the enlarged bulbous extremity of the optic nerve are a series of nerve pillars, and it is to this peculiar arrangement that I wish to call your attention.

The image rays transmitted by a group of ocelli, after filtration by the surrounding choroid, are projected upon the general retina in groups, forming, as it were, a mosaic picture which is further fused by the

Optical Department.

nerve pillars, which, acting as a chiasma, pass the perfected picture on to the enlarged head of the optic nerve. Thus the insect, although not able to move its eye, obtains a constantly changing kaleidoscopic picture of the surrounding objects; without eyelids or apparent accommodative power, the sight of these eyes must be limited, although we may suppose a stereoscopic effect follows the concentration of the image rays, and their fusion in the retinal pillars gives a certain measure of distant vision, but that for near vision only one ocellus is used.

But while we have been talking we have passed another station, named mollusca. In the mollusca and crustacea we find a different arrangement; some are sightless, such as the mussel, oyster, etc., the eye being replaced by a supersensitiveness to vibratory influence, they being further provided with a walled chamber, their shell, within which they can dart with the swiftness of an arrow, or lie asleep secure from danger or predaceous enemies; in the higher class, such as the nautilus, cuttlefish, etc., the eyes are well developed, generally two in number, one on each side of the head, or both placed on peduncles capable of being withdrawn into a protecting sheath; but here another peculiarity attracts our attention—the lens is divided into two parts, something after the manner of a Coddington lens, the interspace being filled up with an extension of the choroid coat, and I need scarcely point out the advantage attained thereby, being a fine, clear retinal picture.

In the crustacea, of which the lobster is an example, we find the eyes on the ends of peduncles, a grand compensation for the fixed union of the head and thorax, for these peduncles are capable of movement in all directions, even inwards, at will.

In the small tribe the eyes are placed on the end of tentacula, and can be thrown into folds or entirely hidden within the protection of its shell. But the whistle sounds, and the sweet song and melody that greets our ears announces to us that we have arrived at the station of the birds.

The eyes of birds are in strict accordance with the necessities of their life; passing swiftly through the air, often ascending and descending through altitudes of rare and dense atmosphere, it would call for an eye where the accommodation was most ample and exceedingly active, and such, indeed, is it found to be. The eye is comparatively large and the cornea prominent, the lens spherical and the iris, aqueous and vitreous well developed, mobile, tough, eyelids further supplemented with a nictitating membrane, which in some birds is so attenuated as to permit sight through it, a protection probably furnished by nature to the delicate cornea when fleeing from enemies through dense brambles. The form of the eye posterior-anteriorly is lengthened, which form is maintained by a circle of imbricated osseous plates which enable the bird to throw the whole weight and force of the confined fluids against the lens and ciliary adjustments, which results in not only increasing the convexity of the cornea, but gives instantaneous power of accommodation. The optic nerve, differing from that of man, does not enter circular, but through an elongated opening, and forms the entrance for one of the most remarkable means of optical adjustment met with in organs of vision, and it is to this peculiar and fascinating feature, which distinguishes the bird's eye from all other eyes, that I wish to call your attention.

The marsupium or pecten is a body composed of folds of vascular membrane, supplied from the central arterial branches which enter in the substance of the nerve. This vascular organ, which varies much in the manner of folds composing it, is inserted or wedged into the substance of the vitreous humor, passing forward to a greater or less extent, in some birds even as far as the lens, and is covered with the black pigment of the choroid, though quite unconnected with the tunic itself.

This remarkable addition to the ordinary structure of the eye and its evident capability of being distended by additional blood poured into it, as in similar vascular textures, or of being relaxed when excitement has waned, points it out as admirably adapted to the office generally assigned it, namely, that of being a reserve adjusting force of accommodation which the bird can bring on at any moment, either by distention and pushing the lens forward and thus convexing the cornea, or by relaxation and allowing the organ to resume its ordinary function by its own resiliency.

Thus, in the words of Spencer Thompson, "We can imagine the bird of prey loosely wing the air and scan, calmly but attentively, the far beneath, the eye comparatively at rest and adapted by its lessened convexity to distant vision. Suddenly its looked-for victim is seen, passion is aroused, and as with lightning-like swoop the bird descends on his prey, the blood of excitement pressing the distensible organ of the pecten, adapts the eye more and more to the rapidly diminished distance, and by thus enabling the object seen from high in the air to be kept in view through the long but fast descent, makes even the nimble-moving mouse an easy prey."

My dear wife said to me: "Come, come quickly, and see the lovely humming bird in the garden." I see a quivering dot, a glimmering green-golden sheen above the flower plant—presto! it is gone. The eye cannot follow it. In an instant it appears at the other end of the garden, poised in air above a cluster of flowers; now it is at the apple tree a hundred feet away, back again to the flower beds, darting with the swiftness of a flash of lightning. Does it fly in darkness? Does it speed in blindness? Ah, no; the distensible organ of the pecten is at work, giving it sight and wings, "swift as meditation or the thoughts of love," to see the flower and fly, to sip the honey drop.

From the air our next station is in the sea, where we behold the fishes. In accordance with the surrounding media through which they move, its density and resistance to motion, we should expect to find an eye differentiated from that of birds, for Dame Nature ever endows her children with attributes fitted to the environment in which they live and move and have their being. Investigation proves this to be the case, for in contradistinction to the eye of the bird, which is lengthened anteriorly-posteriorly, the eye of the fish is shortened and flattened; whereas the bird has well-developed eyelids, the fishes generally have no eyelids at all; while in the bird we find a thin and flexible cornea, that of the fish is thick, hardened, yet quite transparent; whereas the iris of the bird is very contractile, that of the fish is fixed around a large pupil; whereas the bird has imbricated osseous plates anteriorly, the fish has strong plates of cartilage posteriorly embedded in the substance of the sclerotic coat, almost converting it into a complete cup of bone; but it is when we come to examine the sickle-shaped projection which rises from the retina and choroid and is attached to the lens, and the fact that the pecton in birds is differentiated into a series of fan-like plaitings in the body of the optic nerve itself, that we at once discover the wonderful adaptation of means to an end, and appreciate the difference between the ocular arrangements of the inhabitants of the sea and those of the air.

Thus we may suppose the fish placidly basking in the sunlit sandy bottom of the stream. Suddenly its morning meal appears in sight; with lightning-like ferocity it darts after its prey, the impeding resistance of the water presses upon the eye, the lens held by the sickle-like projection becomes more flattened in shape, the sickle projection in turn presses upon the fan-like processes of the optic nerve, osseous plates of the sclerotic withstand the increasing pressure, the whole eye becomes more flattened, and in consequence the swifter the speed and the more dense the surrounding media the keener the sight. Or, look at the whale, provided with eyelids and a greatly thickened sclerotic coat to enable it to dive with tornadic force to the limitless depths of the ocean, and withstand a pressure of thousands of pounds to the square inch. Or note the shark, whose eyes are set on pedicles, which move in all directions so as to enable it to see before and behind without moving its head, either in headlong flight to escape from enemies or to accomplish that quick curvical movement necessary to seize its prey.

There are many more stations we would like to stop at—the amphibia, reptilia, vertebrate, mammalia, and the denizens of the forest—but time will not permit, and, leaving these for some other opportunity we may have to travel over the road again, more at leisure, we speed on to the last station, man. Arrived here, we look into each other's eyes and behold the perfection of them all; but does the panorama cease here? Ah, no! We connect the eye with the thought, the thought with the mind, the mind with the speech, the speech with the burning sensation of the human heart, and so on to many mysteries with which the intellect of man has not been permitted to enter; on and on and on, seeking to fathom the unknown beyond, of which no conception is too grand, no idealization is too perfect, until we get lost, lost, lost in a realization of our impotence, of our utter helplessness to divine the cause.

Hence we appreciate, in their fullness, the words of the great Newton, that "We are but children playing on the shore of a

Optical Department.

mighty ocean, picking up, here and there, a shining pebble, a beautiful shell, with the great ocean of science lying unexplored before us"; but the train is slacking speed, the brakes are on it and my story, and we alight bursting forth into poems of hallelujah chorus unto Him of whom it is written, "The heavens declare the glory of God, and the firmament showeth His handiwork; day unto day uttereth speech, and night unto night showeth knowledge, there is no tongue or language where their voice is not heard."

The Care of the Eyes of School Children.

(By S. S. Bishop, M.D., Harrisburg, Pa., in the *Ophthalmic Record.*)

THE eye is an optical apparatus in the body—a camera composed of living tissue. The retina is to the eye what the sensitive plate is to the camera. It is the brain looking out upon the world to receive impressions. The nerves of the retina pass through the optic nerve to the brain, as the wires, from the switchboard in a telephone office, pass through a cable to the town.

The cornea, or the transparent part of the eye, which resembles a watch crystal, is to the retina what a window is to an individual in a room; the iris, much like a window shade, by regulating the size of the pupil, adjusts the eye for diffused or bright light, and when the lids are closed the retina is shut off from the world, as shutters close a room in darkness.

Immediately back of the pupil is the crystalline lens, a living sun glass, which brings light, entering the eye, to a focus. The lens is surrounded by a muscle, and when this circular muscles contracts it decreases the circumference of the lens, with a relative increase in its convexity according to the degree of muscle action.

A convex lens will bring light to a focus, and, as light coming from infinity, or from all objects beyond 20 feet from the eye, is in rays parallel to each other, the normal standard is based upon the construction of the eye being such that the rays are brought to a focus on the retina by the crystalline lens without the aid of the ciliary muscle.

Rays of light from near point are divergent, and, as all light must be focused on the retina to produce vision, relatively a stronger degree of refractive power is required for near vision, which condition is met by the action of the ciliary muscle on the crystalline lens, called the muscle of accommodation.

A normal eye is so constructed that all its functions as an organ of vision can be performed without violating the laws of sight or the laws which govern the system. Unlike the opera glass which is adjusted by a metallic screw, the eye is adjusted by muscles, and their capacity for work must be respected.

Obviously an individual, with normal eyes, when looking at objects beyond a distance of 20 feet, or when gazing into space, is resting the ciliary muscles, just as the muscles of his arms rest when they hang by his side; and as he calls the muscles of his arms into action to hold a book before him he calls the muscles of his eyes into action to read. If the pupils' eyes are normal, with or without glasses, the teacher can rest them by diverting attention from books.

ABNORMAL EYES.

The eye is no exception to the rule of imperfection in nature. All men do not grow six feet tall, so all eyes are not the exact normal length. They may be shorter or longer, or they may be astigmatic or irregularly shaped. The majority are born with short eyes, requiring muscle adjustment of the lens for distant and near vision, and children having this defect enter school with their ciliary muscles already weary from work, and in consequence become incapable of meeting the demands made upon them for continuous near work.

Like the general system, the eye is strengthened and developed by work, but, like a machine that is run when out of balance, so the eye, when used without respecting its muscle capacity for work; tension or muscle exhaustion will be the result, and unless the congenital defect is corrected by properly fitted glasses the child cannot do his best work in school, and may fail in adult life, especially if his work be of a clerical nature.

Binocular vision, or both eyes working together as one, is controlled by 12 external muscles, the balance of which is often broken by optical defects, but reciprocally muscular equilibrium is established as the logical sequence of their correction.

THE ADJUSTMENT OF GLASSES.

By the adjustment of glasses to the eyes the optical defects can be corrected and the eyes made normal. The eye being part of the body, the optical and medical cannot be divorced, and the correction of its optical defects, as well as the treatment of its diseases, must be brought under the physician's skill, for the eye is in full sympathy with, and sometimes its optical defects are the exciting cause of diseases. Consequently as much knowledge of the system is required to adjust glasses to the eyes of human beings as is required to treat a fracture by the aid of a splint.

The oculist or ophthalmologist is a trained physician, who devotes his time to the treatment of the eye, including the correction of its optical defects. The optician makes and sells glasses, but when he attempts to adjust them to the eyes he does that which a druggist attempts when he presumes to treat pneumonia or reduce a fracture. The optician is to the oculist what the druggist is to the physician.

Tampering with the order of so delicate and important an organ—one so fearfully and wonderfully made—by commercial spectacle dealers, who could not be trusted to adjust properly a dead metallic optical apparatus, are to-day doing an injury to humanity that is not dreamed of by the public. The from-door-to-door spectacle vendor is not the only faker trading in spectacles and consequent suffering.

The "Eyesight Specialist," the "Optometrist," the "Optical Graduate," the "Ophthalmist," etc., are some of the terms skilfully selected on account of their professional sound, but have no professional meaning, and those using them, while *some* may be more ignorant than dishonest, are nevertheless carrying on entirely a commercial business, and consequently one which is a detriment to an unsuspecting public. The fact that weak, convex glasses will relax the muscles, and in many cases give temporary relief to the eyes, makes it possible for spectacle vendors to make a favorable impression for a time.

To measure the eye in order to adjust glasses so that the ciliary muscle will not be called into action for distant vision without controlling that muscle by atropia or some other drug—in other words, attempting to adjust the defect when the muscle is in action—is just as absurd as to attempt to repair a watch while it is running. When the muscle is at rest it can be seen at once if the acuity of distant vision has been depending upon muscle effort, and if it has the defect can be remedied by spectacles.

(To be continued.)



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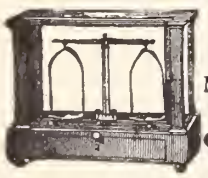
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[*Answers are also solicited from our readers to the questions published on this page.*]

QUESTION No. 1642.—**To Electroplate a Plaster Medallion.**—*I have a number of plaster medallions that I desire to electroplate. Can you tell me how to do this?* *E. P. P.*

ANSWER:—The plaster must first be painted over with linseed oil several times. Use enough to make the plaster non-absorbent by the copper bath. When the surface has dried and is firm, then the piece should be painted over with bronze powder and methylated spirits only. This should be painted over very carefully, so that it will reach every crevice. When this has dried, paint the object over with a coating of black lead, and a smooth surface will be obtained. After this, brush over the piece with an alcoholic solution of phosphorus, and then with ammoniate solution of silver, prepared by dissolving silver nitrate to saturation in strong ammonia. To insure penetration to all parts of the medallion, fine wires should be led to the deeper crevices. A slow deposit can now be run on the prepared piece, in an ordinary plating bath—preferably copper first, with silver or gold afterwards as may be desired.

QUESTON No. 1643.—**Removing Oil Spots from Marble.**—*Is there anything that will remove oil spots from a marble counter?* *R. O.*

ANSWER:—Oil spots may be removed from marble by using saturated Fuller's earth with a solution formed of a soap liniment, ammonia and water in equal parts, spread over the spots. Use a flat iron sufficiently hot to heat through the whole mass. The moisture in the solution will be more or less evaporated, and according as it is necessary it should be saturated again. It should be kept in position for several hours, and may be renewed at the end of a few days.

QUESTION No. 1644.—**To Fasten Pieces of Ivory.**—*How can I make a cement that will fasten together broken pieces of ivory?* *F. I.*

ANSWER:—Fit the broken pieces of ivory so they will make a close joint, then melt together equal parts of gutta percha and ordinary pitch. Warm the ivory pieces and apply the cement to the edges, then press together hard in order to force out surplus cement.

QUESTION No. 1645.—**Ormolu Gold Finish.**—*How can I best produce the "ormolu" gold finish on cast clock and picture frames?* *O. G. F.*

ANSWER:—The ormolu gold finish has now become extensively used on art goods, and, when properly put on, is very beautiful. The surface is gilded with a dead luster, exposed portions being burnished. The gold is only used to color the article, and were it not used the velvety effect would still be present. This effect is obtained by the use of the acid-copper bath, and without it the ormolu finish as made to-day could not exist. The ormolu finish is usually put upon either spelter or antimonial lead articles. These are only used on account of their cheapness, as the finish may be put on any surface, even on iron. The first operation is the preparation of the work. As all deposits partake of the character of the base metal, it is reasonable to say that if the metal to be treated has a dead surface the final surface will partake of the same nature. Either the sand blast or the satin finish wheel may be used for this purpose. In many establishments, however, neither is used; but in instances where they are the final result is better. The objection to them is the revealing of imperfections in the castings. After being "sand-blasted" or "satin-finished," the article is "potashed" and introduced, after rinsing, into the cyanide copper bath. One might naturally think that a light deposit is all that is required in this bath. In plain work a light deposit is all that is needed, but in case pockets exist in the casting a heavy deposit will be necessary, because none will probably be deposited in the acid copper solution in such places. For such work it is customary to use a hot cyanide copper solution in order to deposit as much metal as possible on the surface of the pockets. As the article is afterwards run through a dip, the need for such a deposit will be readily seen. The introduction of a little arsenic in the usual manner, or of hyposulphite of soda to produce a bright copper deposit, is well known. The plater must understand the addition of these materials in order to obtain the right effect. The object is to obtain a bright, clean cyanide copper deposit. The article is now transferred to the acid-copper bath and allowed to remain there from one to two hours. When it comes out the surface will be clean, uniform and brilliant, and will have the velvety luster so much admired. If the deposit is used in this condition, however, the full effect of the acid-copper will not be obtained. For some reason the surface is not capable of giving the full velvety effect in the condition that it comes from the bath. In order to reveal the actual crystalline nature of the copper deposit, it is run through a bright acid dip (not the dead dip). This dip leaves the surface in a more uniform and more attractive condition than when it is taken from the bath. The advantage of a heavy cyanide-copper deposit in pockets will now be seen. If such portions were not heavily covered, the dip would remove it and the bare, base metal underneath would be seen. Were the gold put directly upon this copper deposit, the color of the copper would show through and change the color of the gold. A yellow gold is desired, and gold applied directly to copper would give it a reddish tone. For this reason the article, after it has come from the dip, is given a light yellow brass deposit in a good brass solution. This solution is run cold and a good deposit is put on, so that the color of the copper will be covered. A brass resembling as far as possible the color of the gold is used. For the protection of the gold the articles should be well lacquered with as heavy a lacquer as can be successfully applied. Care must be taken to have the lacquer of the same shade as the gold; if too dark, it is very apt to spoil a good gilding.

QUESTION No. 1646.—**Aluminum Books.**—*Are there any metal books made with raised letters for the blind that could be used in place of the pasteboard ones now in use?* *A. B.*

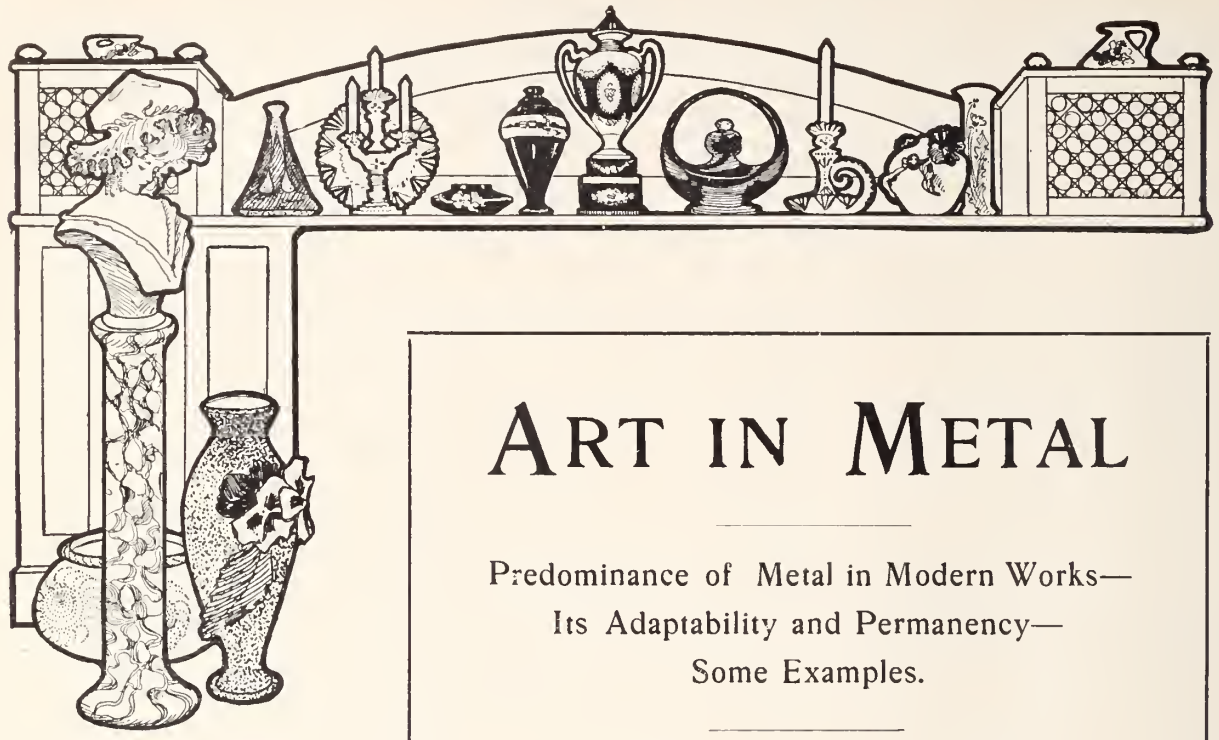
ANSWER:—Raised letter books are now being made out of aluminum in England, and they will soon be placed on the market in the United States. *Chambers' Journal* has the following interesting item about the above: A new use has been found for aluminum in the making of books for the blind—books which are read by passing the fingers over the embossed letters printed upon pages. The paper books hitherto in vogue have been open to objection that they soon become dirty and wear out comparatively quickly. The Braille Print Co., of Edinburgh, is issuing books in which the leaf is of aluminum, embossed in the usual manner, and it is said that these books are much easier to read than the best paper books, especially by those who have become blind late in life and whose fingers are not very sensitive. Naturally the price is rather high, because aluminum is very much more expensive than paper; but for public libraries and similar institutions the advantage should outweigh this consideration.

QUESTION No. 1647.—**To Nickel a Piece of Zinc.**—*I tried to nickel a piece of zinc, but could not make it adhere firm enough so that it could be polished. Please tell me how I can nickel the zinc successfully.* *P. N. Z.*

ANSWER:—To overcome this difficulty it is necessary to strike the zinc pieces, first, in a cyanide-copper bath, slightly warmed for a few minutes; then rinse in cold water and nickel.

QUESTION No. 1648.—**Crayon for Writing on Glass.**—*Can you tell me how to make black and white crayon that I can use to write on glass, porcelain and metal?* *C. G. C.*

ANSWER:—For black crayon use one ounce of lamp black, four ounces of wax and one ounce of tallow. For white crayon use Krems white, four ounces; wax, two ounces; tallow, one ounce. The pigments are mixed warm with the fat material rubbed up fine, and dried in the air until they can be pressed by means of a hydraulic press, or by other means, into round sticks like lead pencils. After shaping, they are further dried in the air and may be pasted into wood or used in sticks.



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Reappraisements of Cut Glass, Decorated China, Earthenware and Similar Lines.

REAPPRAISEMENTS of cut glass ware, decorated china and earthen ware and similar lines were announced last week by the Board of United States General Appraisers as follows:

Cut glass ware from the Cie de Vetreries Cristalleries de St. Louis, Munzthal, exported June 20 to Dec. 11, 1905; entered at New York (File Nos. 37608, 37609-11, 38147, 38579); findings of Board No. 2: Decanters, 467, cut neck lap stopper, 2, entered at 3.40, reappraised at 3.15 francs each; do., handled, entered at 4.50, reappraised at 4.28 francs each; decanters, 298, ref., 1019, 2 bbls.; entered at 1.98, reappraised at 1.77 francs each; decanters handled blank to tracery 408, 2, entered at 4.86, reappraised at 6 francs each; decanters, 408, blank to traccry, 2, entered at 3.87, reappraised at 5.10 francs each; cologne, 335, roughed bottom, 6 oz., 3, entered at 1.21, reappraised at 1.43 francs each; do., 8 oz., 2, ter., entered at 1.57, reappraised at 1.87 francs each; do., 10 oz., 2 bis., entered at 1.71, reappraised at 2 francs each; vinegars, 486, cut neck, ref., 3626, entered at 1.89, reappraised at 2.20 francs each; decanters, rd., 467, cut neck, R., 3415, entered at 2.52, reappraised at 2.95 francs each; decanters, 335, rough bottom, cut neck, 2, entered at 3.37, reappraised at 3.90 francs each; do., hld., entered at 4.72, reappraised at 5.25 francs each; cologne bottles, 394, cut neck, 3670, entered at 1.57, reappraised at 1.87 francs each; decanters, 474, bis., blank, 2, entered at 2.07, reappraised at 2.13 francs each; do., handled, cut neck, 472, entered at 2.97, reappraised at 2.98 francs each; water bottles, 250, cut neck, 2240, entered at 1.98, reappraised at 1.77 francs each, decanters, handled, 408, cut neck, 5498, entered at 4.86, reappraised at 6 francs each; vinegars, 468, cut neck, 3542, 6, entered at 1.57, reappraised at 1.55 francs each. And similar goods. Entered values are less discount 5 per cent. and 2 per cent. Reappraised values are net. Add cases and casks. Previously published under reappraisement Nos. 5932, Jan. 30, 1906; 6042, Feb. 9, 1906, and 6373, March 15, 1906.

Decorated earthen ware from Guiseppe Cellai, Florence, exported Oct. 3, 1905, entered at New York (File No. 37054); findings of Sharretts, G. A.: 4 feet, No. 335, entered at 15 lire each; 4 jardinieres, No. 61, entered at 40 lire each; 2 Roman vases, No. 60, entered at 40 lire each; 1 do., No. 281, entered at 15 lire; 2 Bizantine, do., No. 248, entered at 30 lire each. And similar goods. Discount, 30 per cent. Packing included. All no advance.

Manufactured marble from Guiseppe Piccoli, Venice, exported April 20, 1906, entered at New York (File No. 40506); findings of Hay, G. A.: 4 Pandiette Marino, entered at 90, advanced to 120 francs each; add packing.

Decorated china from S. Maas, Limoges, exported March 24 to May 10, 1906, entered at New York (File Nos. 39963, 40350, 40052, 40053); findings of Hay, G. A.: Parquerette dinner sets, 100 pieces, 4741, 4742, 4743, inferior, entered at 31.52 francs per set; add 6 per cent.; reappraised at 35.70 francs per set, net; do., 101 pieces, entered at from 34 to 34.77 francs per set; add 6 per cent.; reappraised at 40 francs per set, net; add packing on all.

Printed and decorated earthen ware from various exporters as below, Bruslem, exported May 5, 1906, entered at Boston (File No. 40559); findings of Hay, G. A.: From King & Barrett, tea pots, Globe & May Rock, plain, size Nos. 5-24, entered at 3s. 2½d., advanced to 4s. per dozen; do., York & Derby Rock, plain, 6-30, entered at 2s. 7¼d., advanced to 3s. 6d. per dozen; entered values are net; advanced values, less discount, 10 and 5 per cent. From Josiah Wedgwood & Sons, Ltd.: Vases, entered at discounts of 5, 5 and 5 per cent., advanced by making discounts 5 and 5 per cent. From Dunn, Bennett & Co.: Unchippable hotel granite, coarse N blue, ice bowls, 6, footed heavy, entered at 2s., advanced to 3s. each; plates, 6-inch, entered at 1s. 10d., advanced to 2s. 9d. per doz.; bakers', 2½-inch, entered at 2s. 2d., advanced to 3s. 6d. per dozen; dishes, 6-inch, Limoges, entered at 2s. 4d., advanced to 3s. 6d. per dozen; entered values are less discount 5 and 5 per cent.; advanced values less discounts 27½, 5 and 5 per cent.; and similar goods; add casks, crates, etc., on all.

Why the Jeweler Should Handle China, Bric-a-brac and Bronzes.

HAVING had a long experience as a traveler, I have always noted that a dealer who adds to his stock such as bric-à-brac, bronzes and clocks and side ornaments is the successful business man, for the reason that in a community there are a variety of tastes to be satisfied.

The first article that many people buy in a jewelry store is the engagement ring, then afterward comes the wedding ring and then from friends who wish the happy couple joy and prosperity come wedding presents. Silverware has always claimed a part for such presentation, but of late years there has been a demand for something else that will please the recipient. This demand can be supplied, as the jeweler who takes advantage of conditions has a chance to offer artistic selections in bric-à-brac, bronzes, clocks, etc., that will be useful as well as ornamental to any room or dwelling.

It has been the writer's experience that the dealer who will use his artistic taste in selecting such lines as Coalport, Belek, Rookwood, Dresden and Royal Bonn ware as well as bronzes, marble busts, figures, etc., has a decided advantage over his competitors, as several dealers have told me personally that art pottery and bronzes have paid better than many, if not most, of their regular lines, such as diamonds and watches. I know of a dealer who lights his store entirely by electric bronze figures which he has for sale, and as they are sold they are replaced by newer designs, continually changing the appearance of his display. By arranging the bric-à-brac and china around the store, the jeweler helps to take away the set-shop look of his establishment, giving to it a pleasing effect that is sure to attract customers who like to see how such goods would look if put in use in their own homes.

Many jewelers may thus broaden their field to advantage. C. K.

How and Why the British Pottery Manufacturers Suffer from Foreign Competition.

BRITISH potters are suffering more from the uncertainty of business prospects than from the general depression, according to a writer in the London *Pottery Gazette*. He referred to the fact that the English are being undersold in the world's markets by German potters and others, and says that the latter are just as badly pressed as the English, but accept less wages for the workmen and less financial returns for themselves.

As to the expectations of the English potters, he says:

They cannot have any reasonable expectation of increasing their exports to foreign countries which give protection to their own productions. A certain amount of business will always be done with Continental nations, but they are mostly able to manufacture their own, and we are cut off from them by the sea as well as the tariff. The manufacturers of the United States are making more and more; though how little a tariff has to do with the matter is amply demonstrated by the fact that the nation with the biggest tariff is the largest importer of foreign ware. But the most we can now hope from the States is that our exports will not diminish.

In other unprotected or low tariff countries we have to meet the competition of the world on equal terms, and the same condition applies to our colonies, except for the advantage given to us by Canada. It is undeniable that the Germans and others have made and are making a keen fight with us for this trade, and though the colonies are to some extent bound to do a certain amount of their trade with us to balance our purchases from them, this will tend of itself to diminish rather than increase, and competition will be still more keen.

Do English manufacturers think that with their present methods of manufacture, which are practically—as far as labor economy is concerned—identical with those of other nations, with their higher wages, higher rents, rates and taxes, and shorter hours of work, with their disadvantages of carrying costs, and governmental restrictions and impositions—do they look forward with confidence to the result of a keen competition with potters like the Germans, whose operatives are accustomed to a lower plane of existence, as regards money earning and spending, and whose operations are directed by the most scientific experts and the most rigid economists, whose goods are carried by our vessels at less rates than our own, and who are regarded by their Government as worthy of assistance in the development of their trade? If they do not—and I fail to see what grounds they can have for any such confidence—is it not time for them to consider what they are going to do? Protection, at all events, would not assist them in that department of the trade.

As to the home trade, this will remain pretty well in our own hands, whatever other nations may do. Fancy goods, knick-knacks, some tea ware, etc., may be sent over from Germany, France, and other countries, but it must be at a terrible sacrifice, mostly to the makers. But it is somewhat ludicrous of manufacturers to complain so bitterly against foreign competition in the home trade, while knowing full well that the worst competition they have is the competition among themselves.

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A Brief History of Some of the Olden New York Jewelry Manufacturing Concerns.

QUESTIONS in relation to New York manufacturing jewelry houses of a half century or more ago frequently arise in the trade. It is not unusual to hear discussions as to where a certain factory was located, who were the members of the firm and as to the antecedents of various concerns. THE CIRCULAR-WEEKLY, after drawing on the memory of several men, like John E. Shepard, whose activity in the jewelry district began in the days of long ago, has compiled information in relation to a number of individuals and firms. It is believed that these records are as accurate as any, dependent upon human memory, after the lapse of years.

Palmer & Clapp were rated some 80 years ago among the most prominent jewelry manufacturers. The firm was composed of Beriah Palmer and Henry W. Clapp. The manufactory was in the rear of 145 and 147 Reade St., and was entered by an alley running between the two buildings. Mr. Palmer resided at 145 and Mr. Clapp at 147. They retired from business about 1830, Mr. Palmer moving to Franklin St. Mr. Clapp returned to Greenfield, Mass., and became interested in the Green River Cutlery Co. Mr. Palmer had several sons; Stephen, who was in the manufacturing business in different companies and was finally of the firm of Brown, Palmer & Dwight, 172 Broadway, corner Maiden Lane; George, another son, was of the firm of Palmer & Newcomb.

John Rogers was in business at 60 Reade St. prior to 1820. His business was the manufacturing of fine diamond and pearl jewelry. He was succeeded by J. C. Mott & Co., who were in business for a number of years. Henry Randell, of Randell & Baremore, learned his trade with Mr. Rogers.

A. G. Peckham was born in 1807 and died in 1863. His first partnership was with B. B. Grinnell, under the firm name of Peckham & Grinnell, with an office at 17 John St. Later he was connected with C. Arthur, under the firm name of Arthur, Peckham & Co. In 1848 Mr. Arthur retired and the firm became Peckham & Rumrill. Two years later (1850) Mr. Rumrill retired from the firm, which was then changed to Peckham, Dennis & Co., the partners including, besides Mr. Peckham, also Mr. Dennis and William H. Merrill. Mr. Dennis had been a clerk with Fellows, Van Ardsale & Cooper, 9 Maiden Lane. Mr. Merrill, who had learned his trade with Brainerd & Geoffroy, was the factory superintendent for Peckham & Rumrill until he was called into the new firm. Mr. Dennis left the house in 1856 owing to ill health and soon after died. D. M. Fitch (Mr. Dennis' half-brother) came from Troy, N. Y., and took Mr. Dennis' interest and subsequently the firm changed to Peckham, Merrill & Co.; then Peckham, Merrill, Fitch & Co. After Mr. Peckham's death the firm changed, first, to Merrill, Fitch & Allen; then, Fitch & Chatterton, and later Chatterton & Dodd. The last concern left no successors.

Demas Colton, Jr., & Co. was one of the houses best known for solid fine gold jewelry. Their factory was in Newark, with an office at 9 Maiden Lane. Demas Colton was born in Connecticut in 1798. He learned his trade as a jeweler and about 1825 opened a retail jewelry store on the west side of Broadway, between Cortland and Dey Sts. In 1828 he went to Newark and formed a partnership with Jabez Hayes, and subsequently was connected with Stephen B. Alling (brother of Isaac C. Alling); Palmer, Doremus & Pennington, and D. Colton, Jr., & Co. He went out of business in 1873 and died one year later. He was born in Longmeadow, Conn., in 1798. He had traveled considerably in his younger days, and was at different times located at 9 and 17 Maiden Lane.

John Shepard commenced business in Ann St. about 1820. In 1829 he purchased a frame dwelling house at 149 Reade St., which he moved to the rear of the lot. He altered this for manufacturing purposes, and built a brick building in front of the lot, in which he resided. In 1836 he moved to New Rochelle and retired from active business. In 1841 he returned to this city and formed a co-partnership with Brenton B. Grinnell, under the firm name of Grinnell & Shepard, with an office at 189 Broadway. John Shepard died in the Fall of 1841.

Benjamin W. Clapp was a brother of Henry W. Clapp, of Palmer & Clapp, who commenced business about 1834 at 4 Little Green St., now Liberty Place. In 1841 he moved his manufactory to 75 John St., occupying the premises formerly used by W. W. Young, watch case maker. Mr. Clapp subsequently, in the early '60s, built a factory at East Newark, N. J., and had his office at 24 Maiden Lane, where he continued for a number of years. He died in 1880.

George R. Downing & Co., 50 to 60 years ago, were prominent among manufacturing jewelers. Mr. Downing was born in Columbia County, N. Y., the date that Geo. Washington was inaugrated as President of the United States. He learned the business of repairing watches, soldering pin tongues, etc., in Newburg in 1825. He became a member of the firm of Downing & Phelps, in Newark. Soon after that date he branched out alone in Reade St., and later associated with him a Mr. Hoyt, forming the firm of Downing & Hoyt. In 1850 he moved to Cortlandt St., where the firm name was subsequently changed to Downing, Hoyt & Canfield, and still later to Geo. R. Downing & Sons, George R., Jr., and Theodore becoming partners. During the existence of George R. Downing & Sons their office was removed to 17 Maiden Lane. In 1871 George R. Downing retired from business and he died in Brooklyn in 1876.

(To be continued.)

Among the fine specimens of Greek jewelry recently acquired by the Metropolitan Museum of Art, New York, is a diadem with low relief scrolls, and a center-piece representing Bacchus and Ariadne seated back to back. It is of delicate workmanship, not too pronounced to compete with the fair head for which doubtless it was made. The necklace acquired at the same time has a rich supporting braid, three rows of amphora pendants, crisp rosettes, each petal rimmed with soldered wire, the interspersed drops being in the shape of half-griffins of almost incredible minuteness.



SEASONABLE NOVELTIES IN RICH FANS.

AMONG the novelties in fans shown in the salesrooms of Ignaz Strauss & Co., 684 Broadway, New York, are a number with tortoise shell ribs and outstretching ostrich plumes. Imbedded in a medallion in one of the outer ribs is a tiny but attractive open-face, stem-winding watch, guaranteed to keep as reliable time as a larger timepiece. The mounting of the little watch is cleverly executed, ingenuity being shown in the ornamentation of the medallion. The central ribs, made of shell, are short, thus giving full sweep to the attached plumes. The two outer ribs, also of shell, are longer, giving firmness and strength. These elegant fans will meet with the favor of a large part of the trade in the coming season, it is expected, and they will be in vogue at almost any kind of social occasion, their beauty and utility commending them to the fair sex. Another line of handsome fans is made with mother-of-pearl handles in new designs, showing fine carving and filigree work. Gauze and duchess laces are used in the tops of fans which are ornamented with hand paintings, some in the form of medallions.

*

NOVELTIES IN DOMESTIC ART CHINA.

RECENT offering of Lenox china from Trenton, N. J., include breakfast sets in new shapes and richly ornamented with gold painted decorations. The coffee pot is especially admired, being tall and slender, with a decided tapering toward the bottom before it widens for the base. A fruit set from the same factory is ornamented with a grape decorative motif in heavy gilt as a border, the bunches of fruit and leaves being confined by a triple line of tendrils, which are brought out most delicately.

*

STRANGE DISAPPEARANCE OF THE LUXOR CUPS.

THE four magnificent cups of pure gold which only six months ago were brought to light during the excavations near a tomb in the vicinity of Luxor, and dated back to about 2000 B. C., have mysteriously disappeared in Liverpool, and no trace of them has been found so far. They had been brought to England to be sold at auction there.

THE RAMBLER.

John Davison, 12 Barclay St., New York, is showing an attractive line of specialties in rock crystal, intaglio and cameo and other cuttings in glass from the works of Stevens & Williams, at Brierly Hill, England. The gold decorated wares continue an important part of the exhibit.



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WITH UP-TO-DATE DESIGNS.

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VISITING BUYERS are invited to inspect our new

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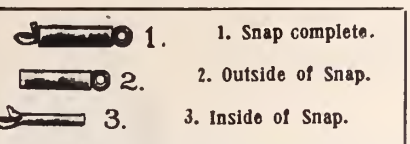
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The E. P. H. Patent

NON-PULL-OUT Neck Chain Snap

is a patented snap that insures the wearer against loss of

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Made in 10 and 14 Karat Gold and in Gold Filled.

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No Springs
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THE PERFECT SHAPE UMBRELLA

"MAIDEN BALTIMORE"

IT IS now nearing the time when Jewelers are looking toward purchasing their stocks for the Fall and Holiday seasons in Umbrellas and Canes. We are prepared with our line, which we have specially designed for the Jewelry Trade. It consists of rare novelties, and things entirely new and exclusive.

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We make Umbrellas from $1.50, with Sterling Silver and Gold Handles, up to $125.00 each, and Canes from 50 cents up to $25.00 each. *Send for a Selection, Express paid.*

SIEGEL, ROTHSCHILD & CO.

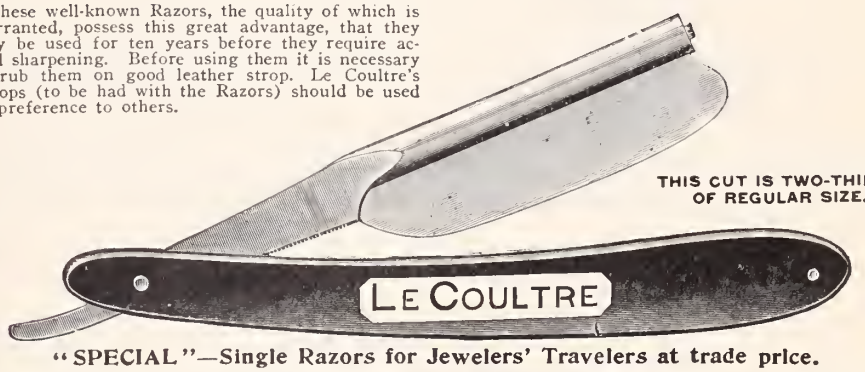
MAKERS

418-420 West Baltimore Street, BALTIMORE, MD.

NEW YORK SALESROOM
353 Broadway

PHILADELPHIA SALESROOM
1011 Chestnut Street

These well-known Razors, the quality of which is warranted, possess this great advantage, that they may be used for ten years before they require actual sharpening. Before using them it is necessary to rub them on good leather strop. Le Coultre's Strops (to be had with the Razors) should be used in preference to others.



THIS CUT IS TWO-THIRDS OF REGULAR SIZE.

"SPECIAL"—Single Razors for Jewelers' Travelers at trade price.

MATHEY BROS., MATHEZ & CO.

Send for Price-list. Sole Agents, 21 & 23 MAIDEN LANE, N. Y.

SIGNS

WE make all kinds from the smallest card for your window to the mammoth display for your factory roof. Have made signs you could read a mile.

"No trouble to ship out of town."

THE FORMAN CO.
SIX LIBERTY PLACE
NEAR MAIDEN LANE ... NEW YORK

CRUCIBLES.



Jewelers' Supplies, Etc.
Established 1850.
J. & H. BERGE,
95 John Street, NEW YORK.



PATENTS

obtained on inventions and designs. Trade-marks, prints and labels registered.

R. W. BISHOP,
ATTORNEY AT LAW,
908 G Street N.W., Washington, D. C.

OUR LINE!

JEWELRY and SILVERWARE CASES WINDOW and SHOW CASE DISPLAYS

Will unquestionably meet with your approval

THROUGH ITS MANY AND ORIGINAL NOVELTIES AND COLOR EFFECTS EVERY FEATURE FOR ATTRACTION WITH AN EYE FOR PRACTICABILITY

ABE KASSEL

671-3-5 HUDSON ST. NEW YORK

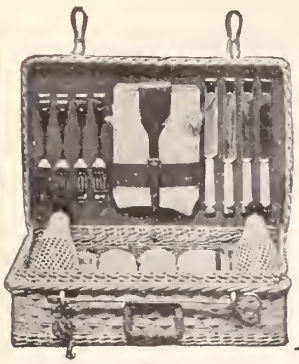
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For Silverware, Novelties and Jewelry : : : : : :

FINE ETCHING

We furnish ideas for Silver and Goldsmiths.
American ideas.

CHARLES M. PRIOR ('PHONE 1224 HARLEM) 1683 Madison Ave., New York



LUNCHEON BASKETS

For Touring Parties, etc.

C. F. RUMPP & SONS Established 1850

Manufacturers of

Fine Leather Goods

Philadelphia

NEW YORK SALESROOM: 683 and 685 Broadway, Cor. Third Street



Fine Wicker-covered Pocket Flasks.



No. 3399.—Loving Cup. Height, 10 inches.

The Pairpoint Corporation.

Send for Catalogue showing our complete line of

Prize Cups and Trophies.

BRANCHES:

38 Murray Street, New York City
36 St. Antoine Street, Montreal, P. Q.
717 Market Street, San Francisco, Cal.

FACTORY: NEW BEDFORD, MASS.

SEPTEMBER IN THE ADIRONDACKS

No finer place can be found than the Adirondacks in September.

The air is cool and bracing, the scenery beautiful and the sense of perfect rest that comes with the night is delightful.

This wonderful region is reached from all directions by the

NEW YORK CENTRAL LINES

"America's Greatest Railroad."

For a copy of "The Adirondack Mountains and How to Reach Them," send a two-cent stamp to George H. Daniels, Manager General Advertising Department, Grand Central Station, New York.

C. F. DALY,
Passenger Traffic Manager,
NEW YORK.

Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

RICH DESIGNS :: :: :: Photos on Application.

LEARN JEWELERS ENGRAVING

"The Engraving School that Graduates Experts."

A fascinating, high-salaried and easily learned trade, taught thoroughly and practically by correspondence. Your instructor is the foremost authority and master workman in the world. We will teach the beginner better engraving by correspondence than he can gain in years of rigid apprenticeship. We will improve the skill of any engraver one hundred per cent. and make him master of the trade. The demand for competent engravers far exceeds the supply.

Send for handsome, illustrated prospectus.

PAGE-DAVIS COMPANY.
Suite 10, 90 Wabash Avenue, CHICAGO.

Established 1879.

LOUIS W. HRABA,

29 East 19th St., New York.

Manufacturer of

Fine Leather Goods,

Exclusively for the Jewelry Trade.

E. H. H. SMITH SILVER CO.

BRIDGEPORT, CONN.

Silversmiths' Building, CHICAGO, ILL.



THE OAK.

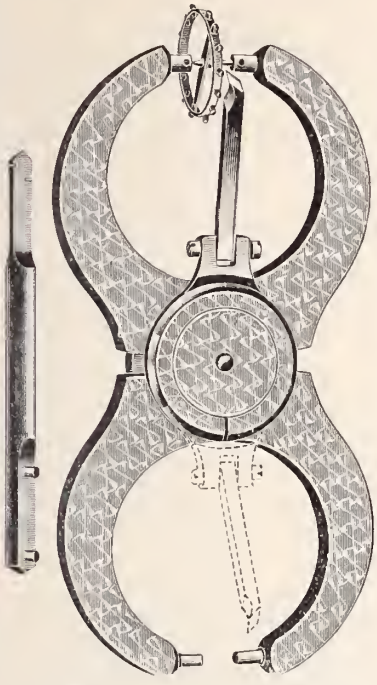
Manufacturers of

Sterling Effects in Plate

Write for our new catalogue.

Something New

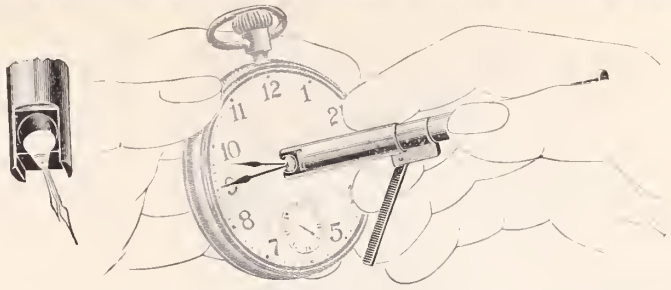
Patented May 15, 1906



New Patented "E. F. B." CALIPER
With REVOLVING and SWINGING INDEX

Does away with the old style Index Bar and cumbersome shifting of the same from one side of caliper to the other.

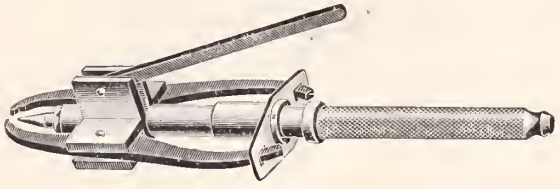
Instantaneous placing of Index in position is possible only on this, the LATEST and BEST of all calipers. **Price, $2.25 ea.**



The Simplex Watch Hand Remover, No. 55

Simplicity itself. Will remove hands quickly, and the strain is away from the hole where damage is most often caused by other tools for this purpose. Nickel plated.

PRICE, 80c.



Roller Remover, No. 18

Quickly adjusted to suit the various size rollers. Nickel plated, jaws hardened and blued.

PRICE, $1.25

For sale by all jobbers in the United States and Canada.

HAMMEL, RIGLANDER & CO.

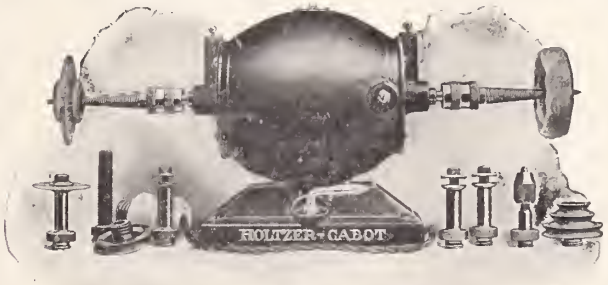
47 and 49 MAIDEN LANE - NEW YORK

A Jewelers' Electric Lathe Motor

which has passed through the experimental stages and which, through a careful elimination of defects, has become practically perfect.

This illustration shows one of the **eight different styles and sizes** of Jewelers' Electric Lathe Motors, manufactured by **The Holtzer-Cabot Electric Co.**

Every Holtzer-Cabot Jewelers' Lathe Motor is backed by **an absolute guarantee of one year.**



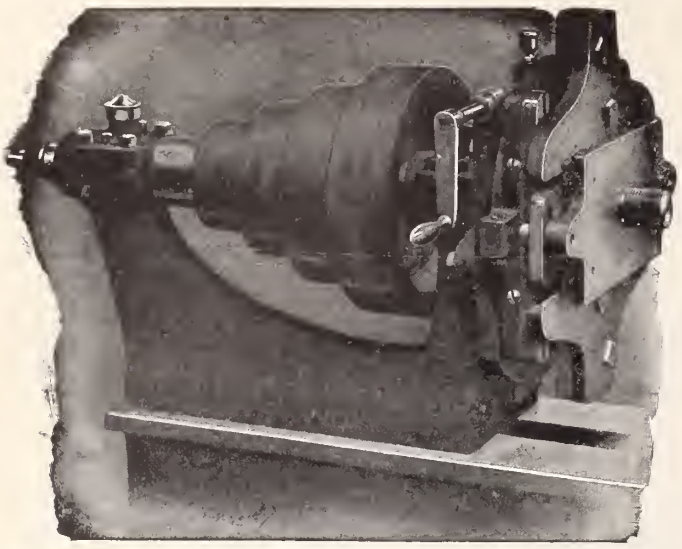
In using **Holtzer-Cabot** Jewelers' Electric Lathe Motors you receive the benefit of their **thirty years' experience** in the building of electrical apparatus, and you get a motor which has had **four years' trial** in practically all classes of buffing, grinding, polishing and kindred uses.

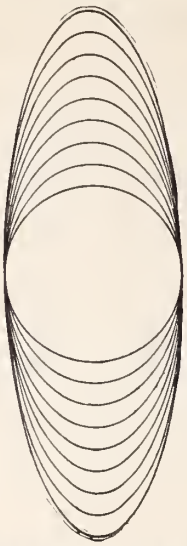
Send for our special circular No. 409, regarding our offer of "**A Jewelers' Lathe Motor on Trial.**"

MAIN OFFICE, BOSTON (Brookline), Mass.

The Holtzer-Cabot Electric Co.

CHICAGO OFFICE, 395 & 397 Dearborn St.





Our Oval Spinning and Turning Lathe.

Our cuts show headstock of Lathe and variety of elliptics produced on same, retaining minor axis.

Write for our Catalogue of Spinning Lathes.

P. PRYIBIL,
520 W. 41st Street, New York

Mercantile Fountain Pen

The Best Self-Filling Attachment

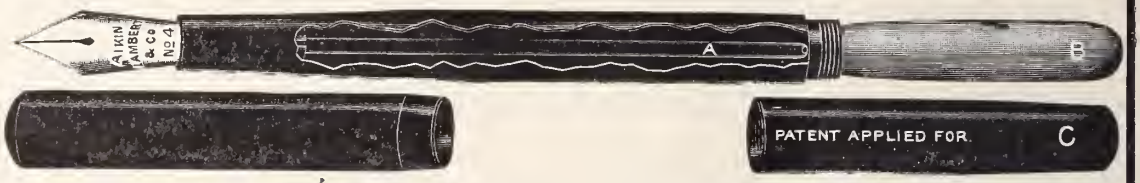
made and guaranteed by the

AIKIN-LAMBERT COMPANY,

19 Maiden Lane, NEW YORK.

Retail Price:
$3.00
$3.50
$4.50

Send for Price Lists and Discounts.



WM. F. RENZIEHAUSEN CO.,
GOLD and SILVER REFINERS

Sweep Smelters, Assayers and Analytical Chemists

Rolling of FINE AND STERLING SILVER a Specialty.

Long Distance Telephone, 3759-R. 45-49 Oliver Street, NEWARK, N. J.

JAMES J. DONNELLY,
Gold and Silver Electro Plater,
Fire Gilder and Colorer,
41 and 43 Maiden Lane, New York.
Prompt Attention Given to Mail Orders.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, **$3.00.** The Jewelers' Circular Publishing Co., 11 John St., New York.



WE BUY

Old Gold and Silver Filings, Polishings, Sweeps, Hand Washings, etc. We will make accurate valuations and hold consignment subject to your acceptance. If valuation is not satisfactory, we reship to you at *our expense.*

WE PAY FOR OLD GOLD:

22 K.	88c. per dwt.	12 K.	48c. per dwt.
20 K.	80c. " "	10 K.	40c. " "
18 K.	72c. " "	8 K.	32c. " "
16 K.	64c. " "	6 K.	24c. " "
14 K.	56c. " "	4 K.	16c. " "

MARKET RATES FOR SILVER AND PLATINUM.

WE SELL

Gold, Silver and Platinum, various qualities, rolled flat or drawn to wire of any gage.

PRICES OF ALLOYED GOLD:

10 K.	48c. per dwt.	14 K.	64c. per dwt.
12 K.	56c. " "	16 K.	72c. " "

18 K. 80c. per dwt.

Gold and Silver Solder, either from formulas furnished or our own. "T. B. H." Alloy, 25c. per oz. Guinea Gold, 75c. per lb. Shot Copper, 40c. per lb. We will send tables for alloying without charge. They save figuring.

Try us and you will appreciate our Squareness, Promptness and Accuracy.

T. B. HAGSTOZ, Ltd., Main Office, 709 Sansom St., Philadelphia, Pa.
SMELTERS, ASSAYERS, REFINERS.

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AMERICAN PLATINUM WORKS

NEW YORK OFFICE
41 Cortlandt Street

NEWARK, N. J.

THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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The Jewelers' Circular
Publishing Company.

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, AUGUST 22, 1906. Vol. LIII. No. 3.



Solid Silver Wreath Sent by Danish-Americans to the Bier of King Christian IX.

(*See text on page* 44.)

VON DER LUHE & HANNE, N.Y.

ALVIN SILVER



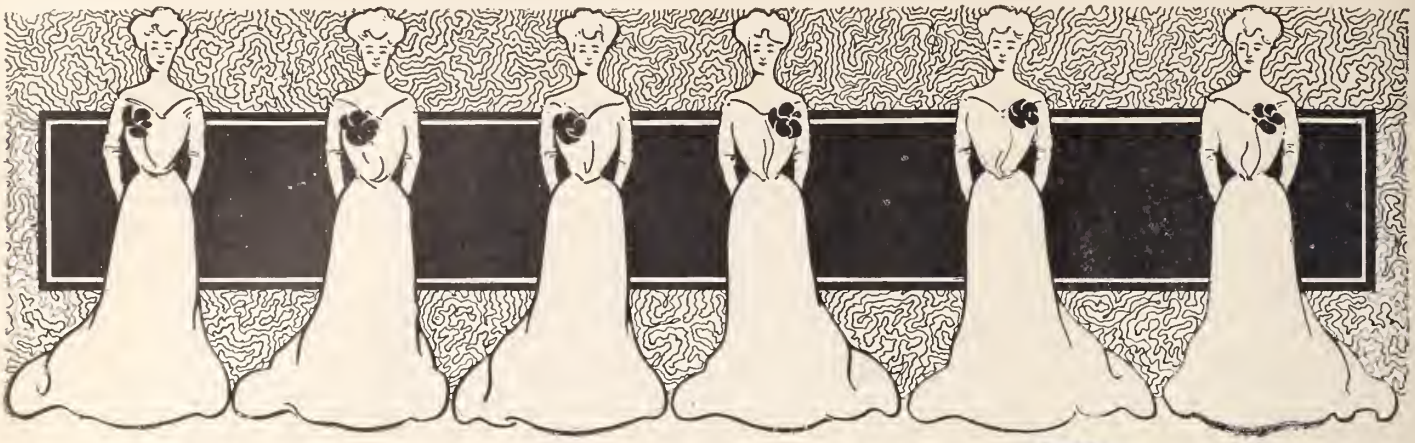
ALVIN M'F'G CO.
Silversmiths,
New York.

Another of our new Sterling Silver Toilet Sets, No. 2401.
A handsome floral pattern, made of heavy silver. The brushes are fitted with the best grade of English bristles.
These Toilet Sets are certain to meet with a ready sale for the holidays. Send your orders in early.

Fahys

¶ We are now making all the Watch Cases we can, maintaining at the same time the high standard of finish which we insist upon. The increased demand for Fahys Cases all over the country suggests the advisability of placing orders as early as possible to ensure prompt delivery.

JOSEPH FAHYS & CO.



The Way We Get on "Top"

is by cutting the diamonds ourselves. The way we keep it "going" is by selling the goods in the most inexpensive way.

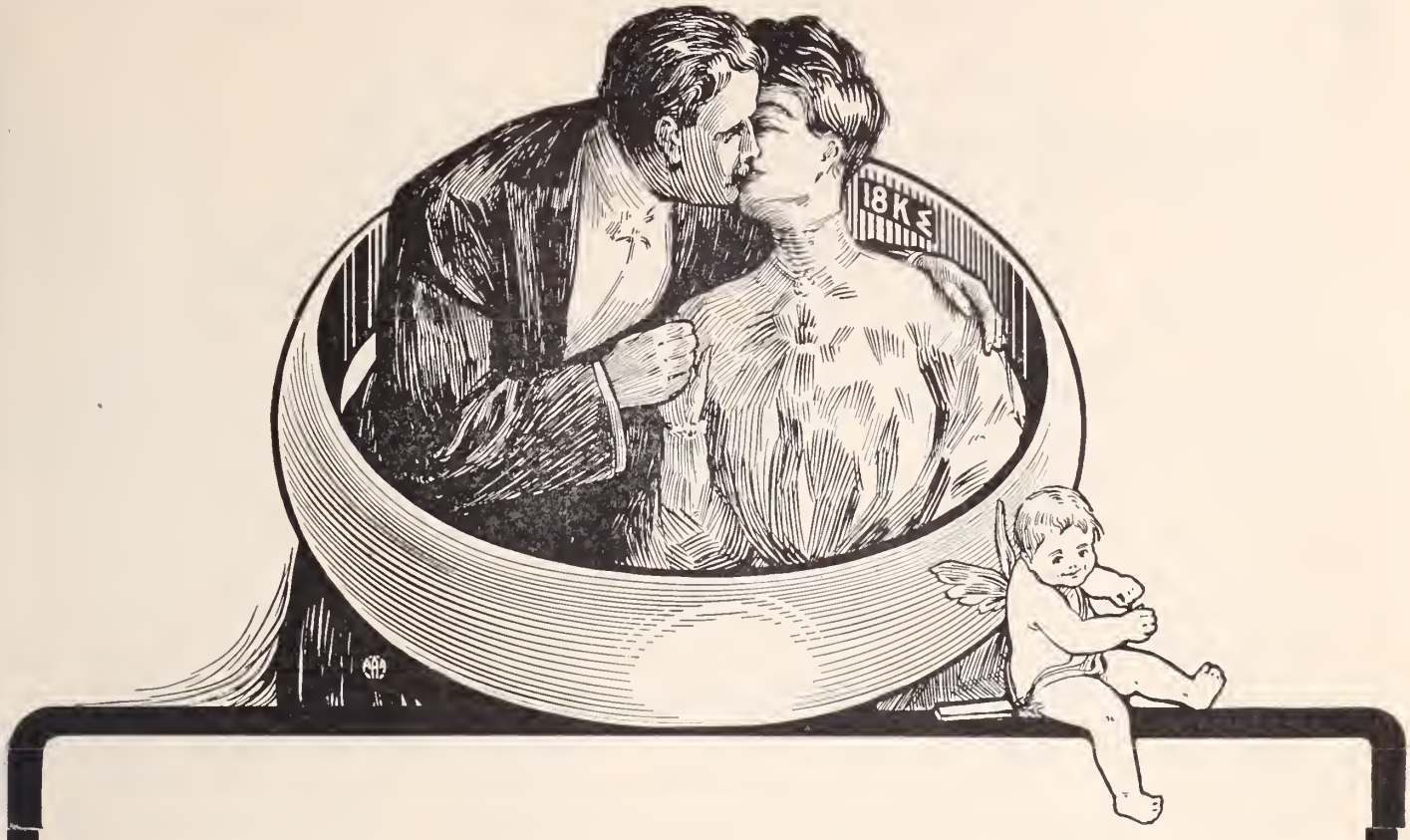
If you want your business to reach the "top" notch of prosperity, don't pay out your good money for jobbers' profits and salesmen's salaries and expenses.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York





Cupid Does Not Sleep

Consequently wedding rings are always in demand.

Our wedding rings are the best that can be manufactured.

The prices we ask for them, the lowest.

Please bear this in mind, Mr. Retail Jeweler, the next time you order wedding rings.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - New York

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

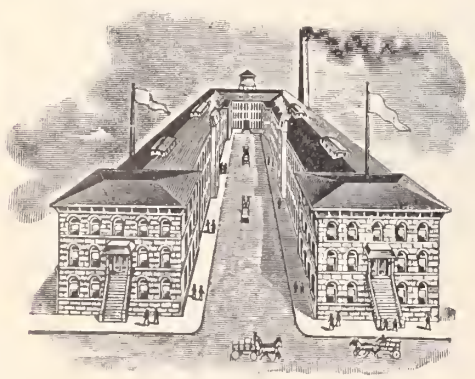
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.




No. 301.

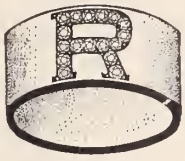

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No. 305.

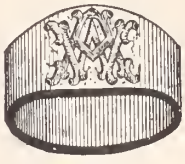

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No. 300.


No. 3.


No. 18.


No. 11.

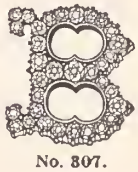

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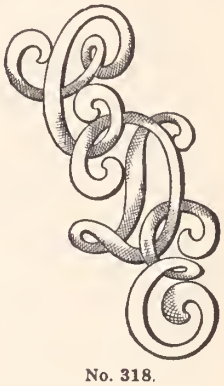

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No. 317.


No. 306.


No. 196.

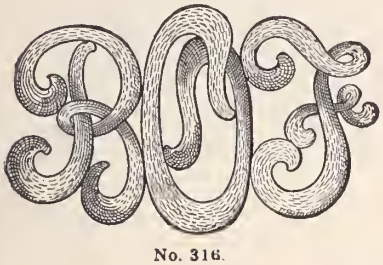

No. 307.


No. 318.


No. 209.


Gertrude
No. 322.


No. 208.


No. 316.


No. 321.


No. 320.

Wendell & Company

MAKE

GOLD MONOGRAM CHARMS, FOBS, SLIDES, BROOCHES AND RINGS.

SILVER MONOGRAMS for BROOCHES, BELT ORNAMENTS and CLASPS; also for LEATHER BAGS, PORTFOLIOS, MUSIC ROLLS AND ALL KINDS OF EBONY, IVORY AND TORTOISE SHELL GOODS.

ALL ORDERS PROMPTLY EXECUTED.

103 and 105 WILLIAM STREET NEW YORK } 2 FACTORIES: { **57 WASHINGTON STREET CHICAGO**

WADSWORTH "TWENTY-YEAR" WATCH CASES

THE MAN of moderate means, the man who wants the "good," but not necessarily the "best," such men must be provided for. Such, probably, is the "average man." This Watch Case is for him. It "ATTAINS ITS MAJORITY."

Have you the "average man" among your customers? Haven't you a lot of him? General business depends on this "average man." You cannot sell him anything of better value for his money than this TWENTY-YEAR Case. Best of its kind.

***The* Wadsworth Watch Case Co.**

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.



WHEN your customer comes in to buy a watch for his son, be sure and sell him a

Wadsworth Case

as he is then sure to be satisfied, and a satisfied customer is a customer for ever.

The Wadsworth Watch Case Co.

CHICAGO
Columbus Building

SAN FRANCISCO
717 Market St.

NEW YORK
49 Maiden Lane

FACTORY, DAYTON, KY.

? ? ?

Do the retail jewelers appreciate what they were paying for 12 Size movements before our 12 Size was on the market?

Do the retail jewelers appreciate what they were paying for O Size movements before our O Size was on the market?

Do the retail jewelers stop to consider what they would be paying for movements if there was not an independent watch company manufacturing a complete line of superior watches?

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed

Patented June 26, 1906

DIRECTIONS

To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden



**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.







Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaranteed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

Every Retail Jeweler

Who buys 40 or more W. & S. B.★ Chains before January 1, 1907, gets a premium

For the aluminum coupon tags on 40 W. & S. B.★ Chains we will send free of charge one Globe Filled one-eighth vest chain, warranted twenty years. For 75 tags we will send free two Globe chains. For 100 tags we will send three Globe chains, absolutely free of charge. Larger numbers of tags will be redeemed in the same proportion.

All W. & S. B.★ Vest, Dickens, Pony and Waldemar Chains are shipped with aluminum coupon tags like this :



It is simply necessary to send the tags to our factory in order to get the premiums.

The four Retail Jewelers who accumulate the largest numbers of W. & S. B.★ coupon tags before January 1, 1907, will be awarded four grand prizes, as follows :

First—One 1907 Model Touring Car
Second—One 1907 Model Runabout
Third—One 1907 Model Motorcycle
Fourth—One Jewelers' Watch Lathe

The winners of the grand prizes are not entitled to any chains, as described above. To compete for the grand prizes all tags must be held until January, 1907. The tags of all who compete for the grand prizes and do not win one will be redeemed in Globe Filled chains. A selection package will be sent on request through your jobber.

W. & S. BLACKINTON CO.

NEW YORK, 14 Maiden Lane **Factory, NORTH ATTLEBORO, MASS.**

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M

Always in Red.

FALL NOTICE.

OUR exhibition has now come to a close, being the most successful one we have ever had, both in point of attendance from all over the country, and the large amount of goods that was disposed of. Nevertheless, we desire to impress upon the minds of all jewelers visiting this city during the months of September and October not to fail to visit our offices and see the greater part of these exhibition goods. They may be seen at any time.

Most of our representatives will leave for the road in the next few days, visiting the different sections of the country. If you are interested in viewing a line that is far superior to anything now on the market in excellence of original designing, quantity, quality and exceptional prices, make it a point to look thoroughly through this line, as it will be of the greatest interest to you. We beg to request that if, in the meantime, there is anything you may have calls for, and which you have not got in your stock, to remember that our stock contains almost everything in the diamond jewelry line.

POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS.

258-260 Fifth Avenue,

NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

Illustrations about three quarters size

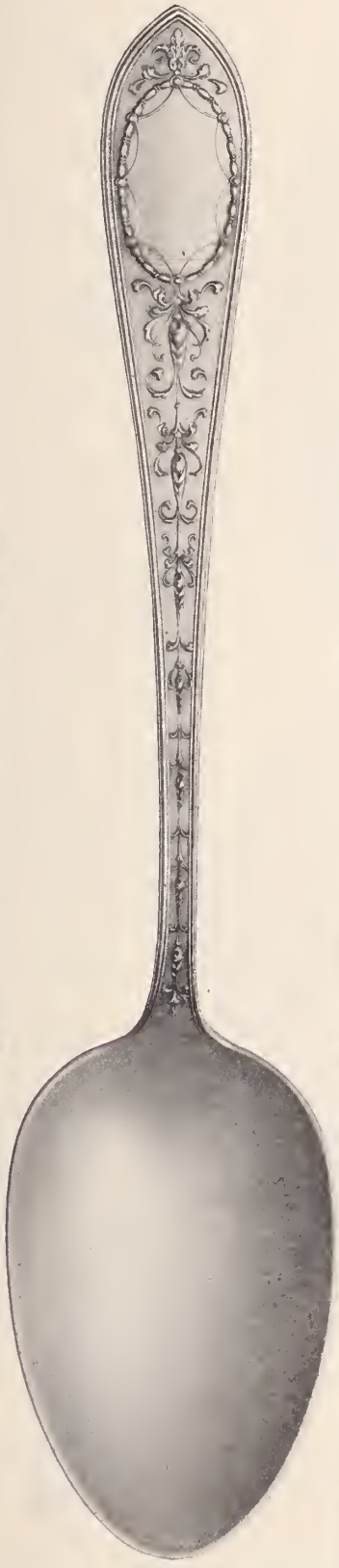
A Novelty in Sterling Toilet Ware



The Kings
(No C525)

Made only by
SIMPSON, HALL, MILLER & Co.
INTERNATIONAL SILVER CO., *Successor,*
Wallingford, Conn., U. S. A.
New York, Chicago, San Francisco, Toronto.
SILVERSMITHS *to the* AMERICAN PEOPLE

The Adam Pattern



AN ORIGINAL NOVELTY IN FLATWARE.

THE WHITING COMPANY take pleasure in confidently directing the attention of the Jewelry Trade to the prepossessing qualities of their radically new departure in flatware design, now introduced as the Adam pattern.

RECOGNIZING the insistent demand for a line of table silverware that shall fitly harmonize with the increasingly popular Adam Furniture and Decoration, the Company have originated a pattern designed in accord with the principles formulated by those celebrated Eighteenth Century architects, the brothers Robert and James Adam.

A FURTHER claim to consideration may be advanced on its behalf: The elegance of its form and the delicacy of its low relief ornamentation, emphasized by the simplicity of the back, unadorned save by the characteristic "swedge," combine to ensure its welcome by all people of taste and refinement.

A COMPLETE line of the Adam pattern, including Individual and Serving Pieces, is offered and ready for delivery Sept. 1st.

The Whiting Mfg. Co.

SILVERSMITHS

Broadway and 19th Street

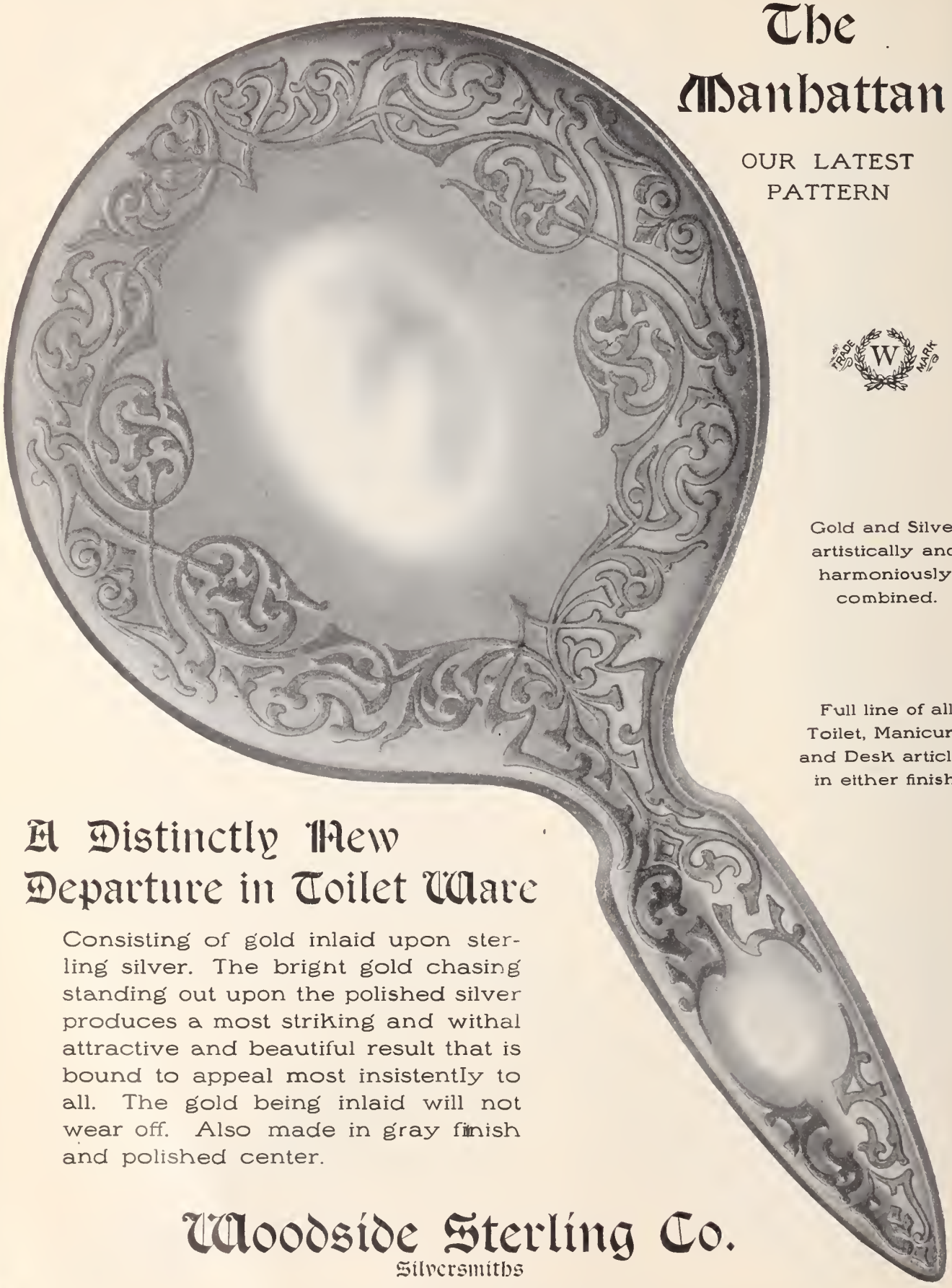
New York

TRADE W MARK

STERLING.

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

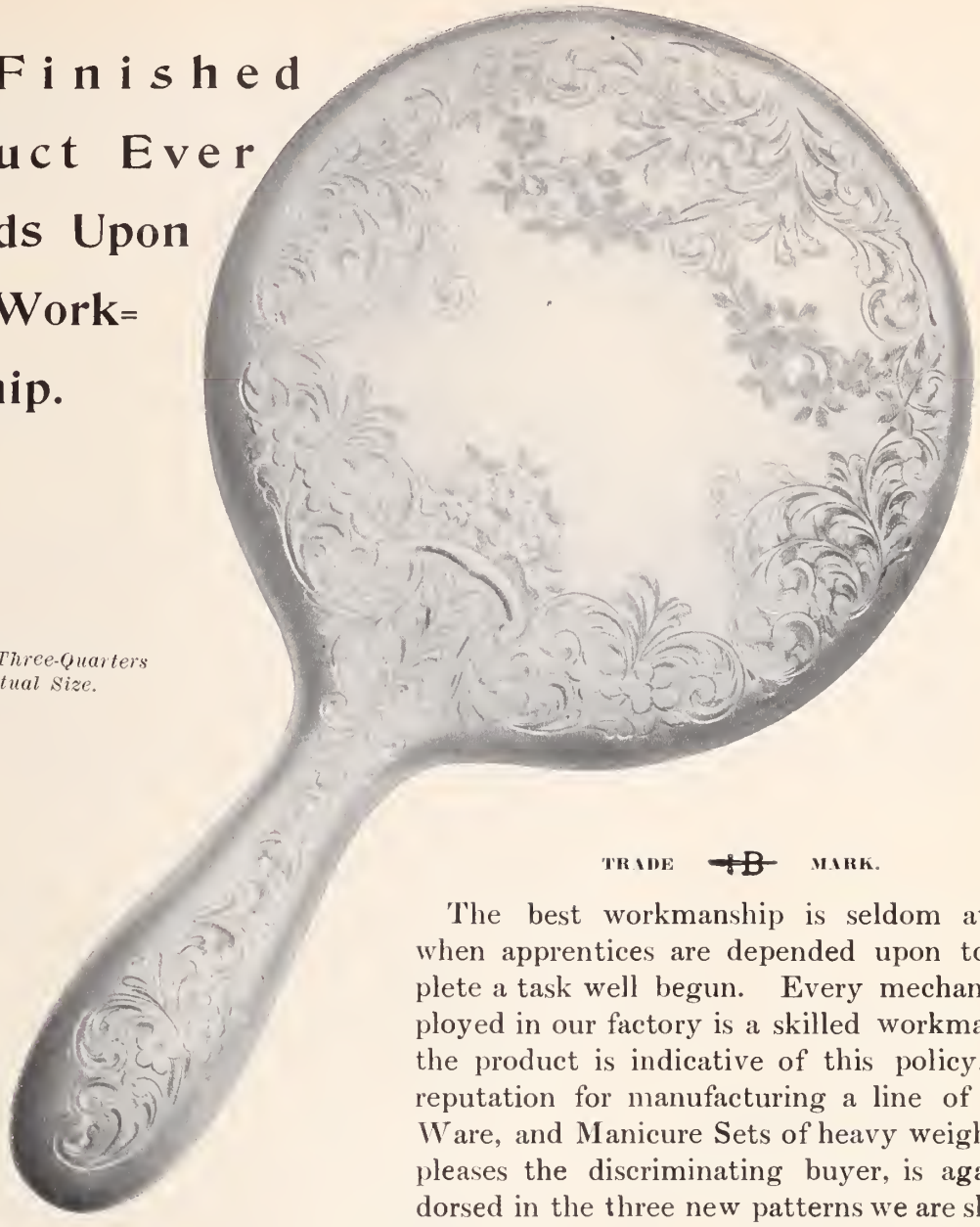
Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

The Finished Product Ever Depends Upon Good Work= manship.



About Three-Quarters Actual Size.

TRADE MARK.

The best workmanship is seldom attained when apprentices are depended upon to complete a task well begun. Every mechanic employed in our factory is a skilled workman, and the product is indicative of this policy. Our reputation for manufacturing a line of Toilet Ware, and Manicure Sets of heavy weight that pleases the discriminating buyer, is again endorsed in the three new patterns we are showing this season.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases *Baskets* *Shirred Wrist Bags*

Photo Frames *Jewel Cases* *Sterling Novelties*

Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

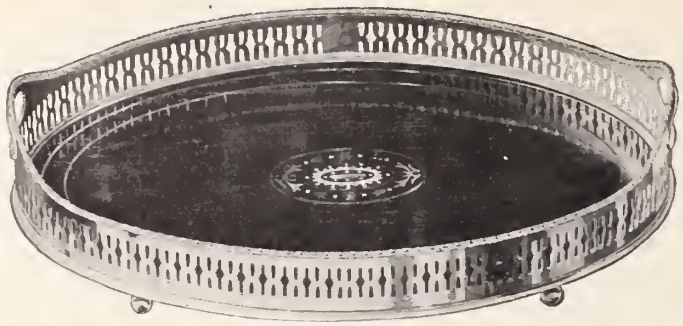
R. BLACKINTON & CO.

ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

FACTORY, NORTH ATTLEBORO, MASS.

If It Burns Alcohol We Make It



Mahogany Tray—Mother-of-Pearl Center Inlay

Polished Mahogany Trays

Highly Ornamental and Useful

Made of selected solid mahogany, thoroughly kiln-dried, with center inlay of decorative woods of mother-of-pearl; Copper, Old Brass, and Silver-plated rims and handles. Jewelers are introducing these trays in stock and find them ready sellers, and advantageous to the sale of their other goods.

Let us send you further information relative to prices and our other wares.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

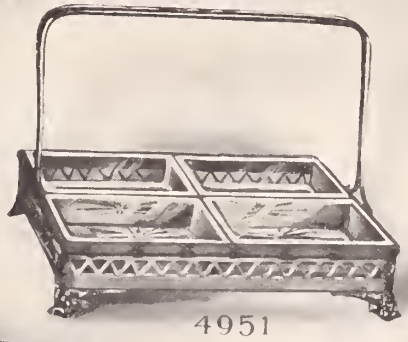
New York Office, 20 Maiden Lane



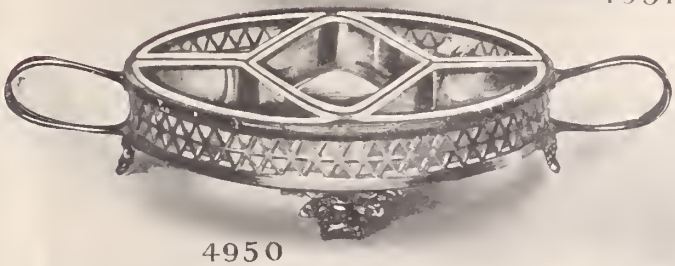
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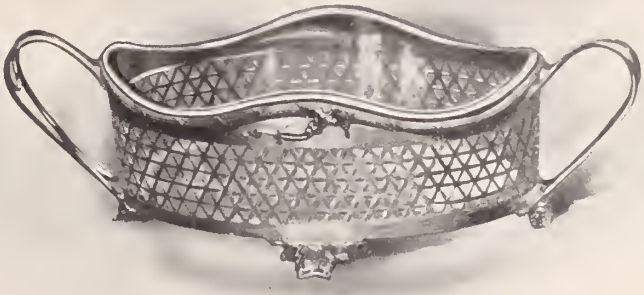
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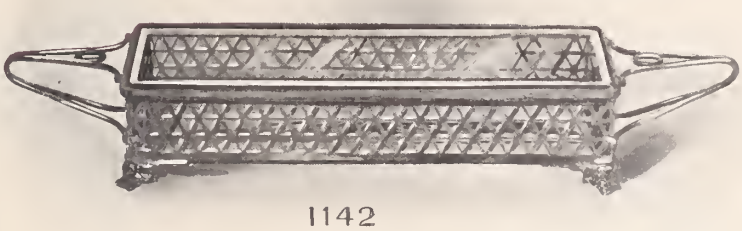
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4382



4379



1142



1958

Our new line of Dishes with cut-glass linings, illustrated above, is now ready for delivery: Relishes, Celeries, Cheese Holders, Sardines, Olives, Casseroles, Ramequins, Bon Bons, Fruit and Salad Bowls, and Flower Centres. :: The first samples shown by the trade have resulted in many orders, and any dealer wishing to show the newest ideas in silver plate will do well to send for at least a sample line.

MERIDEN SILVER PLATE CO. - - - MERIDEN, CONN.

(International Silver Company, Successor.)

Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE, 12-14 JOHN ST.

CHICAGO OFFICE, 103 STATE ST.

FACTORY, NEWARK, N. J.

ROBERT 10K LEVY

THE NAME THAT STANDS FOR QUALITY


No. 1548.


No. 1549.

Lockets
Buttons
Penknives
Match Boxes
Brooches
Cigar Cutters


No. 1539.


No. 1547.

Bracelets
Scarf Pins
Fobs
Bead Necks
Heart Charms
Tie Clasps, Etc.


No. 1511.


No. 1552.


No. 1545.

Send for Selection Package

10K. that is 10K.

ROBT. LEVY,

Manufacturing Jeweler

Green and Columbia Sts., Newark, N. J.



HAND PIERCED BASKET.
Four Sizes.

SILVERWARE SUPREMACY

The Hollow Ware productions of this company are now recognized by buyers who know silverware as pre-eminently superior to other makes.

Smith Silverware is not variable—each piece is characterized by its distinctiveness of design, excellence of finish and substantial weight.

Frank W. Smith Co.

GARDNER, MASS.

Manufacturers of Sterling Silverware

TRADE MARK
STERLING 925/1000

Genuine Japanese Coral

An Exclusive Line

LIGHTEST AND RAREST, finest and most delicate of all Coral—the most gem-like—is the Japanese. In this Coral the little toilers of the sea achieve their marine masterpieces. It is the queen of the corals.

Coral is to occupy a foremost place the coming season. By happy forethought we are able to provide an exclusive line of GENUINE JAPANESE CORAL JEWELRY, comprising delectable showings in Combs, Necklaces, Hat Pins, Bracelets, etc. Goods whose consummate beauty reflects the genius of France, the romance of Italy, and the glamour of the Orient. Not costly.

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

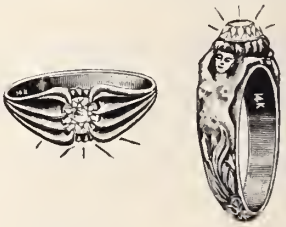
SHAFER & DOUGLAS

MANUFACTURERS OF

RINGS

9 & 11 Franklin Street - Newark, N. J.

Opposite New City Hall



Manufacturer of
Diamond Mountings and Diamond Set Jewelry
Importer of
Diamonds and Precious Stones

A. S. Hirshberg,
373 Washington Street, Boston, Mass.
Cable Addresses: { Ashir, Boston. / Hochschüler, Antwerp.



No. 1638.—Sterling hand-pierced bag, all soldered ring mesh, and workmanship unexcelled. Size 5¾ in. by 4 in.

Sterling Hand Bag

No. 1638.
Hand Made.

TRADE (W B) MARK.

Our Bags and Chains are handled by the most exacting Jewelers. A sample order will show you the reason. Our prices are "right."

SPECIALTIES:
Plain, Engraved, Etched and Hand-Made throughout Sterling Silver Hand Bags.
(Tel. 1038 J, Newark.)

EDMUND R. NEBELING
Diamond Setter
49 Maiden Lane - NEW YORK
Telephone, 5039 John
Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

The ST. JAMES
Corner Walnut and Thirteenth Streets
PHILADELPHIA, PA.
The Ideal Hotel of Philadelphia
European Plan EUGENE G. MILLER, Mgr.













The GUSTAVE FOX CO.'S EMBLEMS



Are the best. Each and every manufacturer claims that his goods are the best. There is but one best. The strongest arguments and most convincing evidence that our goods are the best are emphasized by the hundreds upon hundreds of members of different societies who wear the Gustave Fox Co.'s emblems. The material used in Fox emblems is in every particular as represented. The workmanship is by artists in their respective line; consequently we produce the best. While our emblems will bring 50% more at retail on account of their attractiveness, uniqueness and general superiority, they do not cost any more than the ordinary makes. As a personal examination will more readily reveal the merits of our emblem line than would be possible in any other way, we solicit a trial order, which will fully substantiate the truth of our statements. If you have not as yet received Catalogue No. 24 and supplement, be sure and write for same. If your jobber does not handle our goods write to us direct.





The Gustave Fox Co.

Stamp our new trade-mark on your memory. It is a guarantee on which you can safely stake your reputation.



14-16 E. Fourth Street,
CINCINNATI, OHIO, U. S. A.

The "Fine Mark" on Government gold is not a stronger guarantee than our trade-mark on emblems.



A.W.C.CO

American Watch Case Co.,

Manufacturers of Fine Gold Cases,

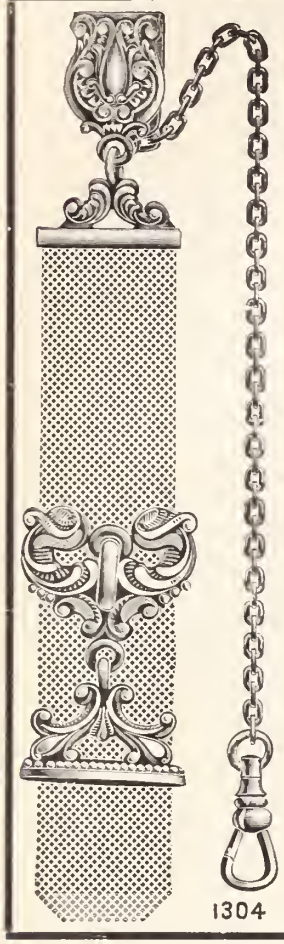
9-11-13 Maiden Lane,

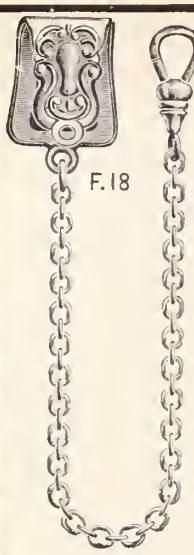
New York.



We will send Free upon request this Case Opener, made from Fine Tool Steel, highly tempered.

1906 Catalogue Now Ready





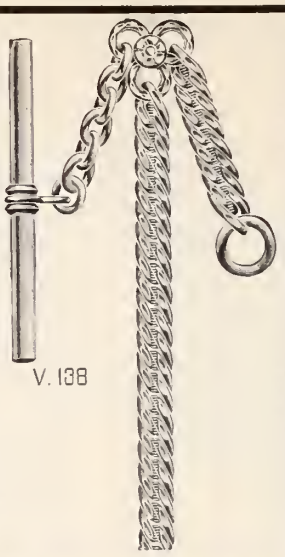
BATES & BACON

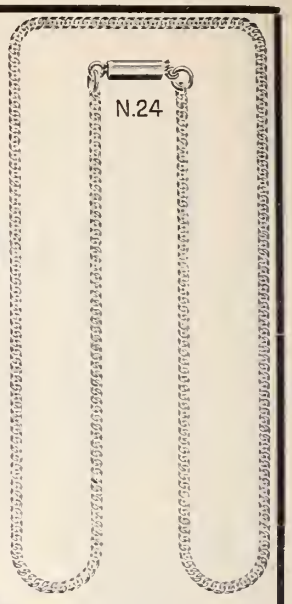
Attleboro, Mass.

OFFICES:
NEW YORK, 9 Maiden Lane
CHICAGO, 103 State St.

Makers of
HIGH GRADE CHAINS

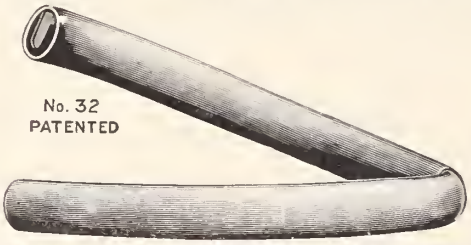
The BEST SAFETY FOB is one of our specialties; Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets and Chatelaines.

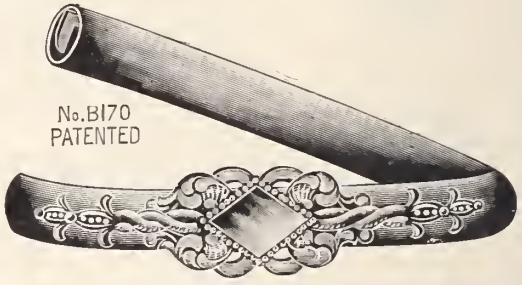




The New "Bates" Bracelets

"Kant-Kum-Off"









THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM.

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The Allsopp Rings

THE UP-TO-DATE LINE OF

SIGNET AND SET RINGS





In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING. Newark, N. J.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

Sleeve Links of Artistic Merit.

EXPERIENTIA DOCET

THOUGH less conspicuous than some other articles of jewelry, Sleeve Links are deemed worthy of very careful selection by people of taste. Those made here possess the charm of artistic individuality which characterizes Durand products.

PRICES: $2.00 to $200.00.

EXPERIENTIA DOCET

Durand & Company, 49-51 Franklin Street, Newark, N. J.

A COMPLETE LINE

of some of our handy pins. Made in all colors, sizes and finishes.

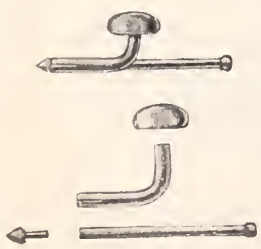
A. J. HEDGES & CO.,
Makers of Exclusive Designs in 14K. Jewelry,
14 JOHN STREET, NEW YORK

14 K TRADE-MARK

TRADE 14 MARK

OSMUN-PARKER MFG. CO.
MAKERS OF
Fine Pearl and Diamond Goods
338 Mulberry Street
NEWARK, N. J.

Established 1871 FACTORY AND OFFICE, NEWARK, N. J. Incorporated 1900



Patented May 21st, 1901

THE "APEX" STUD

The only stud adaptable to any kind of shirt buttonhole or eyelet and having no coiled spring to get out of order.

CARRINGTON & CO.

Sales Agent

14 7 MAIDEN LANE NEW YORK 18

ELKS



Our Copyrighted **Elk Head** Best in the World.

B. P. O. E. In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD

Brooches, Lockets, Links
Bracelets, Scarfs

And Everything Else in Gold Goods

CHAS. L TROUT & CO.
15 Maiden Lane, New York City

Deposit Ware Exclusively

Appropriate decoration, standard ware in beautiful colors, and best workmanship.

11 in. high
$18.00
Plain Polished or Frosted



Our New Ruby Claret Pitcher

Representative Jewelers are invited to send for a selection of

EXCLUSIVE NOVELTIES, CHOCOLATE SETS, FANCY BASKETS, WHISKEY JUGS, ETC.

DEPASSE MFG. CO.
41-43 Maiden Lane, New York

ROBERT DULK,
DESIGNER,
Etching in Gold and Silver,
Telephone, 3960 Chelsea.
No. 70 5th Avenue, NEW YORK



SOLID GOLD
CHAINS
OF EVERY DESCRIPTION

The selling expense of chains is an item which ordinarily affects the cost in a measure which is greatly to the disadvantage of the retail jeweler.

In the price of *our* chains, this selling expense does not appear. *You* get this benefit when you buy

SOLID GOLD CHAINS

TRADE K MARK

direct from us, as you do not have to help pay the salaries and expenses of salesmen. We have no traveling salesmen and our prices are therefore very low.

For 56 years exacting jewelers have found our chains ready sellers, very profitable to handle and most durable in service.

We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane
New York

BRACELETS

¶ IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets

Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,
82-84 Nassau St., New York.
Established 1876. 'Phone, 801 John.

ESTABLISHED 1841.

Carter, Howe & Co.

TRADE C MARK

MANUFACTURERS OF

Gold Jewelry,

9, 11, 13 MAIDEN LANE, - NEW YORK.

FACTORY, NEWARK, N. J.

A. CARTER. G. R. HOWE. W. T. CARTER W. T. GOUGH.

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

Selection Packages sent to Responsible Jewelers.

Wagner Manufacturing Co.

41 Union Square,

New York.

Repair Work a Specialty.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City

ADOLPH LUTHY. PERCY W. HINE.

LUTHY & HINE,

13 EAST 30TH STREET, - NEW YORK.

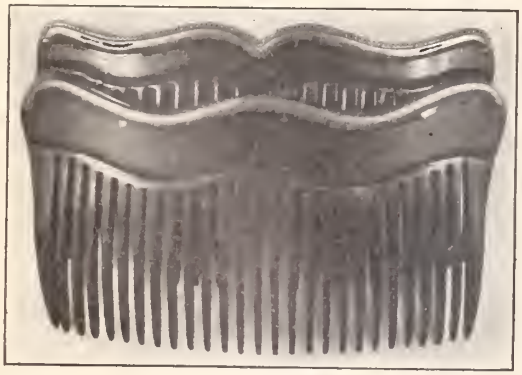
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Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)



COMBS

in Fall creations. Characteristic of superiority and originality in design and workmanship.

Our Fall lines in gold and high quality gold filled combs are noteworthy for their rapid selling qualities.

SELECTION PACKAGES SENT TO RESPONSIBLE DEALERS

SCOFIELD & DeWYNGAERT, Newark, N. J.

New York Office, 9 Maiden Lane

SAML BUCKLEY & CO.

English Fancy Goods.



Carry in New York a full line of

ENGLISH PLATED WAITERS.

118-122 Holborn, E. C., London, England.

100 William St., New York.

OUR BUYERS have just returned from European markets which they have ransacked in search of novelties for the jewelry trade.

Our line of FANS for the coming fall possesses such charm that it will satisfy the most exacting buyer.

We also present the latest Novelties in

BROOCHES
MOUNTED COMBS
NECKLACES
CHAINS
BUCKLES, Etc.

A call at our showrooms is imperative to a visiting buyer.

LEWY & COHEN

IMPORTERS,

530 BROADWAY, NEW YORK

Plateaux and Trays OUR SPECIALTY

Sizes 6 inch to 20 inch



JOHN E. ROHRBECK,

40 Fulton St., New York City

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18k., 14k., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18k. and 14k.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

FINEST VERMICILLI DECORATION

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

THIS DECORATION in its finest form has a delicate richness that commands admiration. Expert skill has here brought it to its finest and ripest development.

It is applied to our lines in a variety of ways—all effective. Sometimes an article is wholly trimmed, sometimes partly so trimmed. Varied and ornate results produced.

The Roman Color imparted is a delight to the eye. A specialty.

"TOPPY AND ORIGINAL"

Bracelets
Barrettes
Brooches
Pearl Snaps

A & A

Handy Pins
Scarf Pins
Pendants
Collarettes

ALLSOPP AND ALLSOPP

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18 COLUMBIA ST. NEWARK, N. J.

"THE BRACELET HOUSE."

KENT & WOODLAND,

BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office,
Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.



BRACELETS

Carved,

Engraved,

Plain or

Mounted.

C. P. GOLDSMITH & CO.,

33-43 Gold Street,

NEW YORK.



Bracelets
Signet Rings

"SAPIENTI SAT"

Memo. Orders Solicited

L. Witsenhausen

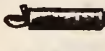
47-49 Maiden Lane, N. Y.

Chicago, 405 Masonic Temple.
(L. KATLINSKY.)

DESIGNS For Silverware, Novelties and Jewelry : : : : : : FINE ETCHING

We have just completed a number of designs for High Class Jewelry.
Drop us a line and we'll call

CHARLES M. PRIOR (PHONE 1224 HARLEM) 1683 Madison Ave., New York



1. Snap complete.
2. Outside of Snap.
3. Inside of Snap.

The E. P. H. Patent
NON-PULL-OUT
Neck Chain Snap

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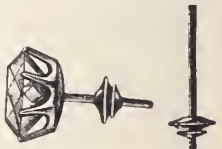
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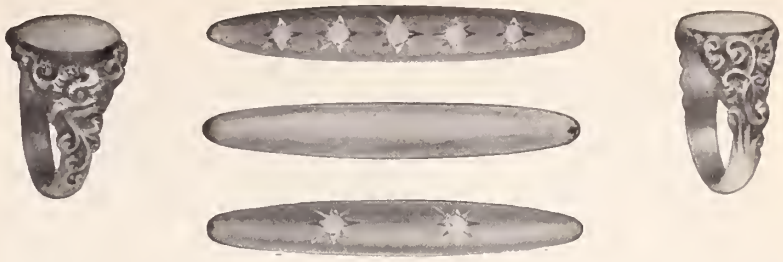
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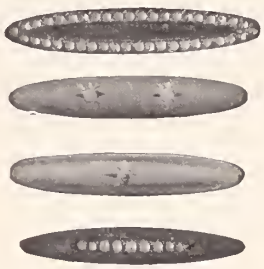


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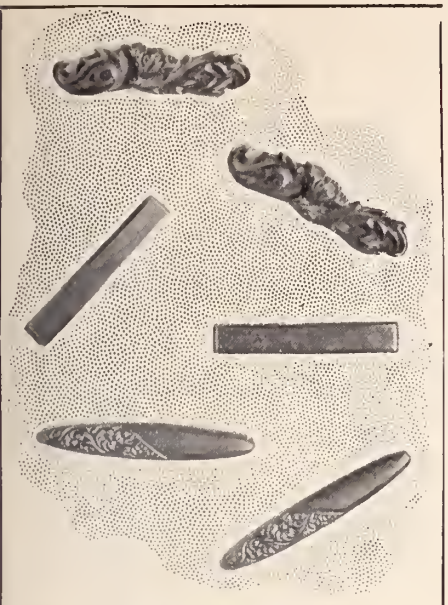
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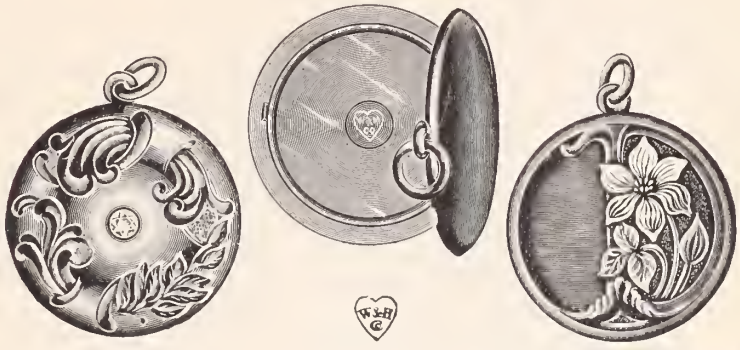
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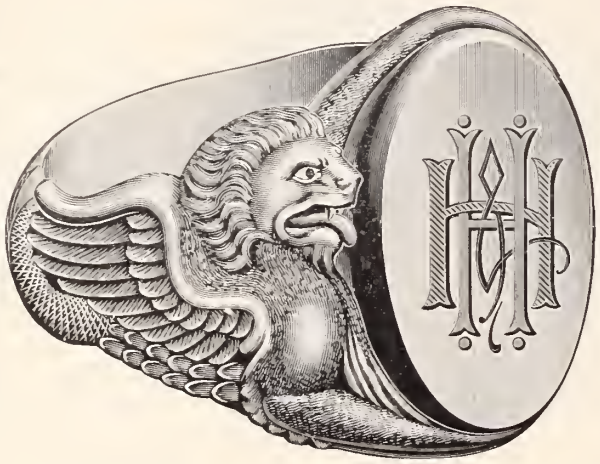
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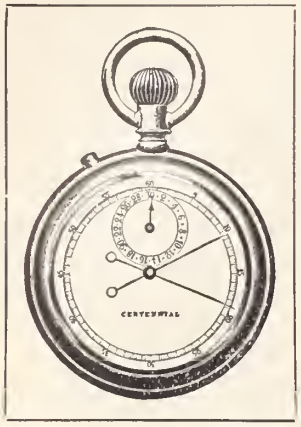
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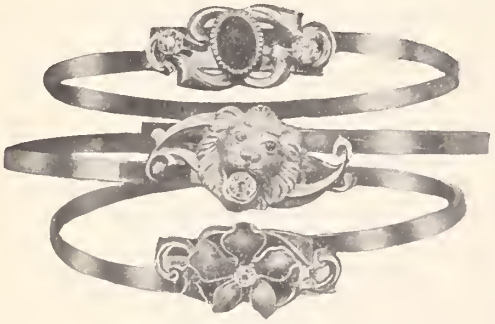
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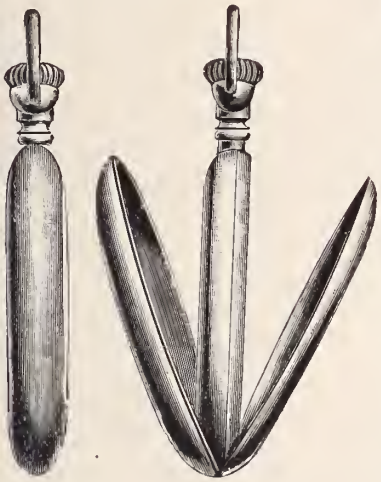
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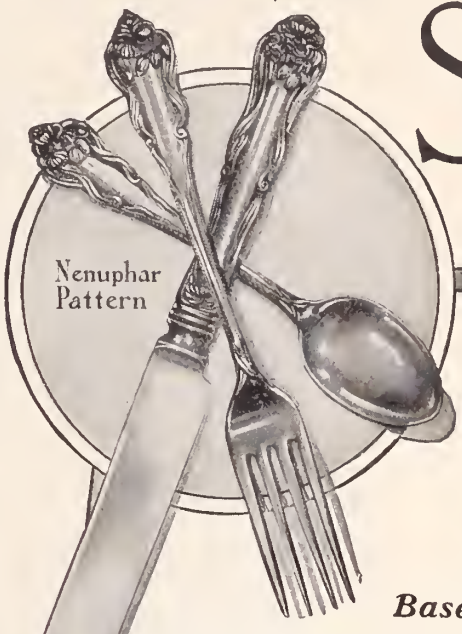
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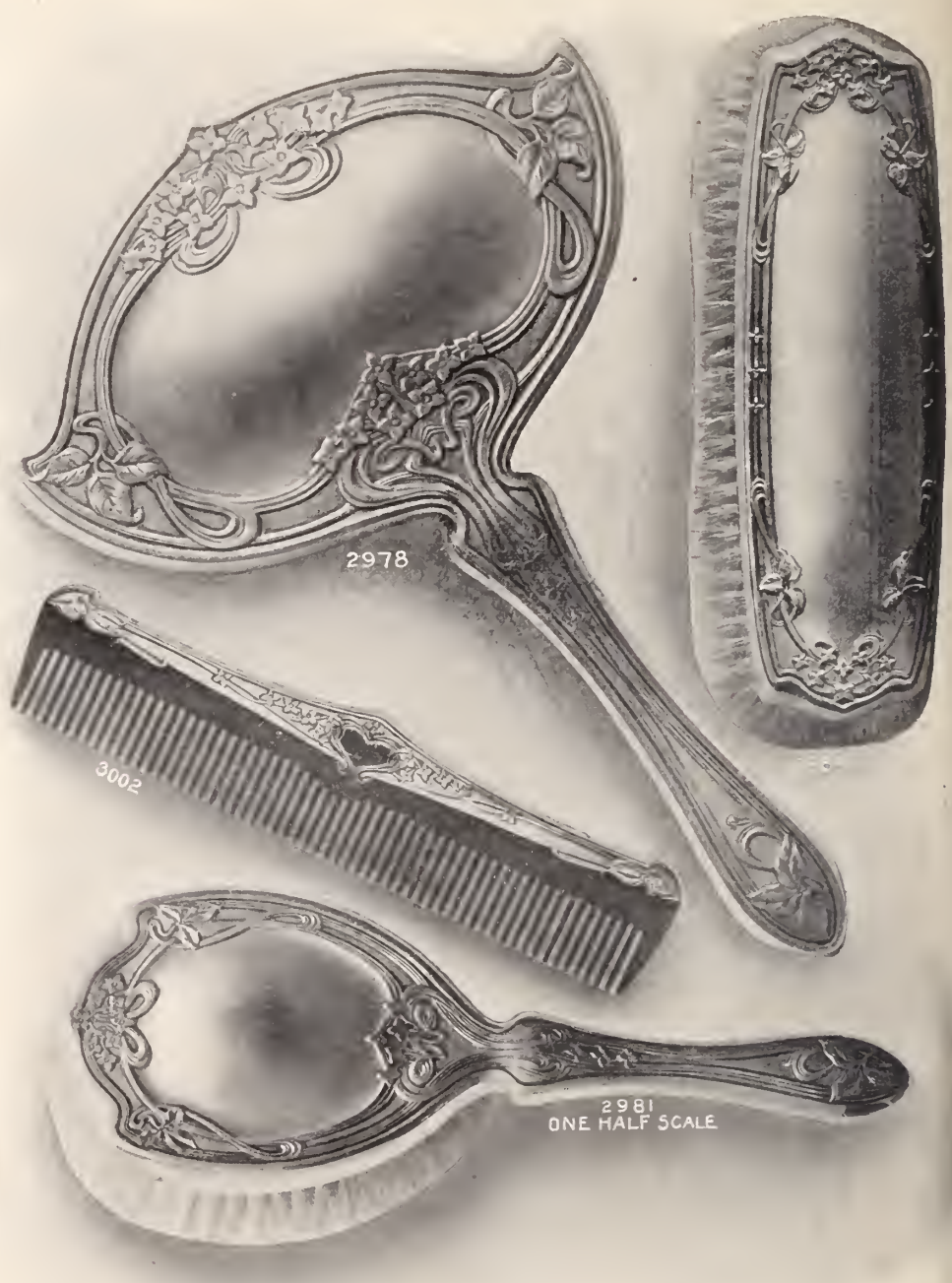
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Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in THE JEWELERS' CIRCULAR-WEEKLY, *July 18, 1906, and will be continued in this and succeeding issues until completed.]*

(Continued from issue of Aug. 8.)

SAPPHIRE.

MONTANA.

The sapphire workings at Yogo Gulch, Montana, are being gradually developed into a great and permanent mining industry. They have been noticed frequently in the reports of this Bureau for the last 10 years, and a general statement of the disposition of the properties of the two companies engaged upon the gem-bearing dike was given in the report for 1901.[1] The English company, known as the New Mine Sapphire Syndicate, has been thus far the largest producer and the one most prominent before the public; but the other, the American Sapphire Co.—frequently called the Yogo Mining Co.—has been engaged in extensive prospecting and developing work, and is now prepared to begin active production on a larger scale than any heretofore attempted in Montana.

Taken as a whole, the Yogo dike is judged by qualified experts to be perhaps the greatest gem mine in the world. It extends some four miles in length on the surface, and being a true igneous dike, descends to an unlimited depth. If estimated down to 2,000 feet, below which possible working becomes questionable, and at an average width of only six feet—although it is often much wider—the entire content of sapphire-bearing rock would approximate 10,000,000 cubic yards.

A full report upon the whole locality, though with special reference to the American company's property, has lately been prepared by George W. Tower, Jr. The area of holdings comprises a total of some 800 acres of land—300 acres under quartz-claim patent and 500 acres or more under placer patent. There are 16 patented quartz claims and one unpatented, and 13 patented placer claims and one unpatented. Some of the latter were worked for gold 10 years ago, and Mr. Tower states that the first sapphire discoveries were made in cleaning up the washings of these placers. A full year elapsed before the importance of this discovery was realized, and the gems were traced to their source in the dike. Prospecting and tracing out of the dike then went on for some years, since which time (1901) there has been no further extension of the dike recognized, and no other dikes have been found in the vicinity. The main one has been quite thoroughly explored and its extent determined, as already described.

The dike runs nearly east and west and cuts almost vertically through several thousand feet of stratified rock, horizontal or slightly inclined, from the carboniferous down to the basal complex. In width it varies from four to 16 feet, and in texture it is to a large extent soft, friable and easily weathered.

Mr. Tower's report gives details of the workings of both the companies, the English company east of the crest of Yogo Hill, and the American company west of it, to and beyond Yogo Creek. Extensive tunnels, shafts and levels have been driven, and in the eastern portion also great open cuttings, besides a number of trial shafts and pits. Mr. Tower regards the present twofold division of working as unwise and costly, and strongly advises some form of consolidation and the concentration of work at the American company's openings at the Fourth of July claim, on Yogo Creek, the tunnels here to be made the main thoroughfare for the entire group of workings to the eastward. Here the creek yields abundant water for washing at all seasons, and the American company has run over 2,000 feet of tunnels into the dike rock, besides shafts and cuts to prove its extent. These tunnels, Mr. Tower advises, should be extended and connected with the openings eastward of the hill; thus forming one system and doing away with the expense of hoisting now involved in the English company's shafts.

The American company's work has hitherto been chiefly for development, their only output of gems being those taken out in this process. But now, the extent and richness of the property having been fully determined, they are erecting a plant for mining on the scale of 100 tons per day. This will quadruple the previous output of both companies together, and promises to make Montana sapphire mining a very important factor in American gem production.

The stones obtained are not of large size. They range from "culls," used for watch jewels and other mechanical purposes, to gems averaging, when cut, from half a carat to two or three carats and rarely up to five or six. As gems they are brilliant, free from flaws, and of good color; ranging from light shades to the rich deep blue of Oriental sapphires. The "culls" are produced abundantly, but not in quantities equal to the demand. They sell immediately at from $2 to $6 per ounce, and advance orders can be had without apparent limit. The Yogo crystals have an advantage for mechanical uses over East Indian stones in their form, which is largely short prismatic or rhombohedral with flat basal terminations; and hence they need much less cutting for such purposes as watch jewels and the like.

As to gems, no very full data can be given; but the shipment for the month of November, 1905, from the American company's mines to New York was 1,564 carats in the rough. These are sent for cutting to Amsterdam, and will yield from two-fifths to one-half that weight of finished stones. Their value will, of course, depend on their size and quality after being cut.

RUBY.

BURMA.

The head of the Geological Survey of India, Dr. J. H. Holland, in his recent review of the mineral production of that country from 1898 to 1903,[1] has given some additional data regarding the Burma ruby mines, which have now become an important source of profit. With regard to other locations in Burma, Dr. Holland states that leases have been granted for several ruby enterprises near Nanyaseik, in the Myitkyina district, and in the Sagyin Hills, in Mandalay district, but that little result has followed. He gives the value of the annual output since that time as follows:

Value of ruby production, Mogok district, Burma, 1898-1903.

1898.....	£57,950	1901.....	£104,476
1899.....	90,848	1902.....	86,895
1900.....	97,326	1903.....	98,575

Of the receipts for 1903 nearly one-half (£44,950) were profits. The falling off in the previous year was due to disastrous floods, against the recurrence of which extensive engineering precautions have been undertaken. Rubies of large size are very rare and enormously valuable. Three remarkable stones were obtained in 1899, one of which was the finest ever found since the opening of the mines to European development. This ruby weighed 77 carats and was sold for 4 lakhs of rupees, or £26,666.

EMERALD.

COLOMBIA.

The Colombian Government has recently employed a well-known expert, Mr. Lloyd-Owen, to make an examination of the condition and prospects of the great emerald mine at Muzo, northwest of Bogota. He has prepared an extended report, of which a copy was furnished to United States Minister Russell, at Bogota, for the Department of State, and an abstract was given in the United States Consular Reports for Aug. 3, 1905.[2]

Mr. Lloyd-Owen states that the emerald-bearing area at and near Muzo is very extensive and has never been thoroughly tested or even explored. It probably covers many square leagues, the Government holdings alone being estimated at nearly 100,000 acres.

NEW SOUTH WALES.

In the recently issued guide book published by the Colonial Government of New South Wales,[3] reference is made to the emerald locality near Emmaville, which has been occasionally reported. The region is rich in minerals, and the Emmaville and Deepwater divisions are centers of mining for tin, chiefly as stream ore, but also in the "greisen," in which wolfram and scheelite are likewise found. The location of Emmaville is about 100 miles from the coast, some 450 miles north of Sydney. Inverell, noted in connection with the New South Wales diamonds, lies to the southwest, less than 40 miles distant. The emerald locality, known as "The Glen," is nine miles north by east of Emmaville, and the guide book states that a considerable quantity of emeralds was obtained there some years ago, but that the pegmatite dike, in which they were found, was lost or cut out at the 50-foot level. Systematic search might recover it, and there are other similar dikes in the vicinity which should also be prospected for emeralds. These dikes are offshoots from a large granite mass intruded among claystones, which are thought to be of Carboniferous age. The dike that yielded the emeralds was a small one, varying in width from a few inches to four feet, and also in character from a typical "greisen" at some points to a pegmatite at the gem locality.

BERYL.

CALIFORNIA.

Mr. H. C. Gordon reports the finding of some magnificent groups of pink beryl crystals, measuring one and one-half inches in diameter, of the flat type of crystal, rich pink in color, but attached to albite rock, in the Esmeralda mine, Mesa Grande, San Diego County, Cal.

NORTH CAROLINA.

Mining for beryl has been carried on more or less extensively in North Carolina, but without much result. It was found, however, in the Spruce Pine region that by deeper mining blue beryls were frequently obtained at a greater depth than any previously taken out, and in some quantity. Many gems have been obtained weighing from three-fourths of a carat to two carats each, but few are over four carats in weight.

TOPAZ.

CALIFORNIA.

The white and blue topaz from the Ramona district, San Diego County, Cal., described in the report of this bureau for 1904,[1] were well represented in the gem exhibit of San Diego County at the Lewis and Clark Exposition, at Portland, Ore., in 1905. Large specimens of the associated minerals—albite, orthoclase, garnet, tourmaline, etc.—were displayed, showing the topaz in its natural environment, and then as separate crystals and as cut gems.

AUSTRALIA.

Mr. C. Anderson, mineralogist of the Geological Survey of New South Wales, gives some further accounts of the topaz occurrences in that colony and also in Tasmania,[2] described by him in the previous volume of the Records and noticed in the report of this bureau for 1904. The article is mainly crystallographic, describing and illustrating some particularly fine examples recently obtained from the several localities before reported. No additional facts of any importance are given concerning the mode of occurrence, as previously described, at Emmaville and Oban, in New South Wales, and at Mount Cameron, Flinders Island, and Bell Mount, Tasmania, save the mention of the existence of pale pink and yellow varieties in Tasmania, which had been reported as not found there. Some of the crystals from Flinders Island, Killicrankie Bay, are of remarkable size, up to several inches in diameter.

BRAZIL.

A recent letter to the writer from Mr. H. Kilburn Scott, a mining engineer residing at Rio de Janeiro, gives some interesting notes on topaz mining at the Ouro Preto locality, in the State of Mines Geraes. The principal mine—the Boa Vista—has been worked for some years past by a firm employing about 20 men. The method has been to excavate to some depth the overburden formed by slides and the caving of the decomposed inclosing rock, and then to run small inclined shafts to reach the topaz-bearing deposit. There has thus been formed a great craterlike excavation, in which the clay carrying the topazes has been followed down some meters below the drainage level. Hence it is impossible to work the mine only during the dry season, and with the present method the limit of working has probably been reached. To operate this mine successfully improved methods will be necessary.

[1]Mineral Resources U. S. for 1901, U. S. Geol. Survey, 1902, p. 736.

[1]Rec. Geol. Surv. India, vol. 32, pt. 1, 1905, pp. 77-78.

[2]U. S. Cons. Repts., Aug. 3, 1905, pp. 10-12.

[3]Guidebook for the Use of Prospectors in New South Wales, issued by direction of the Hon. S. W. Moore, Minister for Mines and Agriculture; Sydney, 1905, pp. 156, with map.

[1]Mineral Resources U. S. for 1904, U. S. Geol. Survey, 1905, pp. 979-982.

[2]Rec. Austral. Museum, vol. 6, pt. 2, Sept. 15, 1905, pp. 83-89.

(To be continued.)

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Silver Memorial Wreath Sent by Danish-Americans to Bier of the Late King.

Danish people living in the United States are to be credited with the initiative which resulted in the production of the excellent example of silversmithing illustrated on the front cover of this issue. This sterling silver wreath is to be placed on the bier of King Christian IX. in the Cathedral at Roskilde, Denmark, where he now reposes side by side with his ancestors.

After the king's death a committee of Danes in New York and Brooklyn was formed to prepare a fitting memorial, expressive of the regard in which the late monarch was held in this country. The committee entrusted to F. Rambusch the task of designing a silver wreath which would be an appropriate memorial. After the design was completed it was turned over to H. C. Heistad, 42 Maiden lane, New York, who made the wreath.

Branches of the Danish beech tree, heavily covered with leaves, form the circle, the diameter of which is 25 inches. At the base of the wreath is a shield bearing the coats-of-arms of Denmark at various periods; and, above it, the crown. The shield is five by six inches. The branches, twigs and leaves were all cut by hand, Mr. Heistad paying the closest attention to details in reproducing the foliage.

The sterling silver is in French gray and oxidized, the treatment of the metal being skilfully directed toward the bringing out of the true color effects. The shield shows much painstaking and commendable effort in chasing the figures, and this kind of work is also notable in the crown.

A silver ribbon is intertwined among the twigs, and on it is inscribed the year 1863, when King Christian was born, and 1906, the year of his death. Below this in larger letters is the inscription "Fra Danske i Amerika." Directly underneath the shield is a Danish inscription signifying "With God for Honor and Right."

Mr. Heistad gave all his time for five weeks to the completion of this specimen of the silversmith's art. The wreath was sent Aug. 7 to C. Brun, the Danish ambassador at Washington, who forwarded it to Denmark. In all, 4,000 people subscribed to the fund to meet the expenses of designing and making the wreath. Nearly all the subscriptions were for 25 cents each, as the committee, seeking to have the memorial represent the sentiment of as many people as possible, did not invite larger subscriptions. George Kirkegaard was the chairman of the committee.

On his way east R. C. Everts, a jeweler of Weatherford, Okla., stated to several wholesalers of Kansas City that the Indians had bought out his entire stock, and that he had many more orders from them for precious stones.

The organization of Rochester, N. Y., retail jewelers, which it was planned to effect Aug. 8 at the Rochester Club, will not take place for several days, the meeting having been postponed indefinitely. Chas. Sunderlin and E. J. Scheer were appointed a committee to make preliminary arrangements. Local jewelers, as far as known, are all in favor of organization.

Talk of Diamond Syndicate Leaving London as Protest Against Income Tax Decision.

Cable messages from London report that the House of Lords early in August dismissed the appeal of the De Beers Consolidated Mines, Ltd., from the decision of the Court of Appeals, holding that the company must pay an income tax in England. The company claimed that as it had always paid an income tax at Kimberley, in Cape Colony, it could not legally be obliged to pay another tax in the mother country.

The company now finds itself ordered by the courts of the Colony and of England to pay a double tax. To escape this there is talk in England of the diamond syndicate moving its headquarters from London out of the country, possibly to Paris.

Following is an extract from the opinion of the Lord Chancellor, dismissing the De Beers appeal:

"In the present case the head office was formerly at Kimberley, and the general meetings had always been held there; also the profits had been made out of diamonds raised in South Africa and sold under annual contracts to a syndicate for delivery in South Africa upon terms of division of profits realized on resale between the company and the syndicate. Some of the directors and governors lived in South Africa, and there were directors' meetings at Kimberley as well as in London; but it was clearly established that the majority of the directors and life governors lived in England, and that it was at the London meetings that the real control was exercised, except the actual mining operations. London had always controlled the negotiations with the diamond syndicate, and all other matters that required to be determined by the majority of the directors, which included all questions of expenditure except wages, materials and such-like at the mines, and a limited sum that might be spent by the directors at Kimberley.

"The commissioners found, first, that the business of the company constituted one business, and was carried on and exercised by it within the United Kingdom at the London office, and, secondly, that the head office and seat and directing power of the affairs of the company were in London, whence the chief operations of the company both in the United States and elsewhere were, in fact, controlled, managed and directed.

"Those were findings of fact which could not be disputed, and it followed the company was resident here for the purposes of the income tax, and must be assessed on that footing. The appeal failed. His lordship desired to add that he agreed with the master of the rolls that residence of a company within the meaning of the Income Tax Acts was not necessarily the same thing as residence for the purpose of serving a writ. The other noble and learned lords agreed, and the appeal was accordingly dismissed, with costs."

The *African World*, of London, in reporting the decision, gives an interview as to the effect: "Will it mean that the company and similar companies will cease to do business in London at all?" asked the interviewer of a gentleman said to be long and responsibly connected with De Beers.

"Something like that is bound to happen," was the response, as published. "What the companies will probably do will be to have here one paid employe, or rather some one not in a responsible position, through whom they will do whatever minimum of business is necessary, such a minimum as will make it beyond doubt that they cannot be taxed doubly. It is also possible that some of them will do their business by means of an office in Paris.

"The one thing you may state with certainty is that companies will not pay income tax twice over. In the De Beers case it means £150,000 a year. I believe it will have to pay that for three years past. It will not pay it for one year more, that is certain. The people who will be the sufferers will be the shareholders in Europe. The countries that will gain are those where the properties actually are."

Clever Thief Captured After Robbing the Store of R. E. Miller, Berkeley, Cal.

Berkeley, Cal., Aug. 15.—The store of R. E. Miller, 2144 Center St., was the scene of a daring robbery, last week. Al Johnson, the culprit, entered the store to have a watch crystal mended, and while the jeweler was examining it, seized the cash box containing $150 in gold, a number of diamonds and other jewels, and started to make his escape, stuffing the stolen articles into his pocket as he ran. He was soon captured, however, with the loot on his person and taken to the police station. When searched, there were found in his possession, besides the jewelry stolen from Mr. Miller, two gold watches, a silver watch, several scarf pins, and a pawn ticket on Levy's Loan Office, San Francisco, calling for a diamond ring. Later W. E. Greenbaum, a jeweler located at 127 San Pablo Ave., Oakland, identified Johnson as the man who snatched jewelry in a similar way at his store, recently. He identified one of the watches as his property. A San Francisco jeweler also found some of his stock in the lot and the police believe that a clever jewelry thief has been captured, notwithstanding Johnson's statement that this is his first offense. In his pocket was found a clipping from a Chicago paper, dated July 26, describing a similar exploit, and some light on his past career may be secured from that quarter. The clipping reads as follows:

Beware of a "Chatty Youth."—Jewelers, Beware of a Talkative Young Man With a Broken Watch.—The police of East Chicago Ave. station to-day are hunting for the cleverest diamond sneak thief of recent police experience. He stole diamonds worth $900 from the jewelry store of L. A. Horn, 442 N. Clark Ave., by a ruse, and evaded the detectives. He came to the jewelry store, young, dapper, talkative, and presented a gold watch to be fixed. Horn took the timepiece and went to the rear to fix it. The young man scooped up a trayful of diamonds and put the gems in his pockets. He left his watch. Later Horn discovered his loss.

Chief Volimer has notified the Chicago police and awaits a reply. He thinks his prisoner is the man who is referred to in the Chicago newspaper story.

The home of J. J. Sweeney, of the J. J. Sweeney Jewelry Co., Houston, Tex., was sold recently for $127,500. The property fronts 110 feet 8 inches on Main St., and extends back 137 feet on Walker Ave. The purchaser was D. R. Beaty.

Hammersmith & Field, San Francisco, Cal., Transfer Assets and Offer a 40 Per Cent. Compromise.

San Francisco, Cal., Aug. 15.—An offer of 40 per cent. has been made in the last week to creditors by Hammersmith & Field, 801 Van Ness Ave., this city. A number of the creditors have referred the proposition to the Jewelers Board of Trade, New York, which has begun an inquiry prior to advising members as to the course to be pursued. The firm has transferred all available assets to the confidential clerk of its bank for the benefit of creditors.

The firm's trouble is explained by the losses sustained in the earthquake and fire. The offer applies to all claims arising prior to April 18. This is the only embarrassment resulting from the earthquake that has been announced in the jewelry trade.

The total liabilities are estimated at $80,000, largely owing in the west, but there are quite a number of creditors in New York and other cities in the east. The firm says that the large creditors in this city have agreed to accept the 40 per cent. offer. The letter, which is being forwarded to creditors, says:

Several days ago we transferred our available assets to W. R. Berry, confidential clerk in the employ of the Crocker-Woolworth National Bank, of San Francisco, our bankers, for the benefit of all our creditors, both local and eastern. This transfer was made at the suggestion of Wellington Gregg, cashier of the Crocker-Woolworth National Bank; Fred Levy, of H. Schussler & Co., Inc.; A. Eisenberg, the Alphonse Judis Co., and all our large local creditors. At one time we expected to pay 50 per cent. of the amount due from us to our creditors in full payment of their respective claims, but the insurance situation in San Francisco has taken a turn for the worse, and the full amount in any event that we will be able to pay is but 40 per cent. of the claims against us. This has been explained satisfactorily to the creditors above named and all our other large local creditors, and they are satisfied to accept the 40 per cent. in settlement and have signed an agreement to that effect.

The face value of the insurance turned over to the bank is $32,500; among the policies was a policy in the sum of $5,000 in the Transatlantic, $10,000 in the Delaware and $5,000 in the Hamburg-Bremen. The first of these companies has repudiated all liability; the last two are known as 75 cent companies. The cash in bank, which we have turned over to Mr. Berry, is $1,500. A fair estimate of the merchandise saved is $9,000, and the estimated value of book accounts is $3,000. Our liabilities, due for merchandise, money borrowed and on consigned account, will amount to $80,000. Because of the loss of important memoranda relating to consigned account, there may be a small difference either below or above this sum.

Previous to the fearful calamity which visited our city, when a firm became involved in financial difficulties, they knew for a certainty just what their assets were, but this calamity has made a difference and filled us with uncertainty, particularly because of the trouble of the insurance situation.

We expected to give you this information before now, but we were unable to give any definite information for several reasons. First, Mr. Field has been suffering from a stroke of apoplexy and has been utterly disabled ever since April 8; secondly, we have been obliged to give a great deal of our time toward re-establishing ourselves in a new location; thirdly, there were so many claims to be adjusted that we could not get the insurance committee to act upon ours until now, and they have not yet finished their adjustment.

We beg leave to suggest that you either refer our case to the New York Jewelers Board of Trade, or, in case you desire to act at once in an individual capacity, please sign the inclosed in duplicate and forward the same promptly to W. R. Berry, care of the Crocker-Woolworth National Bank, Crocker building, San Francisco.

Yours very truly,

(Signed) Hammersmith & Field.



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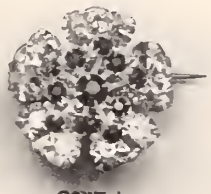
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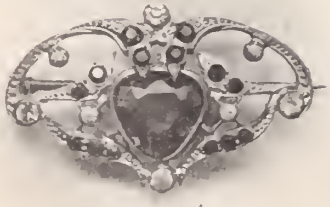




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Diamond Cutting Project in South Africa Declared Impracticable.

In South Africa there has recently been a renewal of an old controversy as to whether or not diamonds may be profitably cut and polished as well as mined in that country. The project of building up a cutting industry seems impracticable to the editor of the *Diamond Fields Advertiser*, who says in an editorial published in a recent issue:

"Local members of the diamond trade have been greatly interested in a very spicy article headed 'Diamonds: Our Only Monopoly,' which made a considerable splash in the last issue of the Johannesburg *Sunday Times*. The writer, who veils his undoubted genius under the cloak of anonymity, sets out to prove that it would be an amazingly good thing for us all if the diamond cutting business could be abolished in Europe and America and converted into a South African monopoly.

"The idea is not altogether an unfamiliar one to newspaper readers; we rather think it originated with Mr. 'Toss' Harris, a most indefatigable commentator on everything that happens from China to Peru, whose enlivening contributions the Cape Town dailies are never tired of printing. But, of course, anybody can start an idea; the real merit consists in finding a way of carrying it out, and that is where the *Sunday Times* contributor shines prodigiously, and casts poor Mr. Harris completely into the shade. He assures us that he has a plan, and it is so simple and effective that only the 'ignorance of those who rule us' causes him the faintest twinges of uneasiness.

"We hope that our contemporary will not consider us hypercritical if we venture, in all good faith, to call attention to a little error of fact which might possibly cause the possibilities of the new enterprise to be estimated a trifle high. The *Sunday Times* writer thus states his main purpose.

Instead of sending our diamonds to London, Antwerp and Paris, worth in a raw state £7,000,000, let us import the workmen and cut the stones in the country. Our diamond output would be worth £21,000,000, or equal to the present value of the entire gold production of the Rand. The figures are colossal, but they are correct.

"In another part of the same article we are told by way of explanation that a member of the diamond syndicate had put down the gain at three times the value of the stone in the rough, and that the calculation was made on this basis. Inquiries in the diamond market yesterday showed that the writer had got hold of the wrong end of the stick. The loss in cutting is 60 per cent., not 40 as stated in the article, and only about half of the diamond output, at a conservative estimate, consists of stones suitable for cutting. The rest disappears in waste, and is used for industrial purposes. Take a five-carat stone costing £10 per carat for sake of illustration. From this you might get back a two-carat stone, which, ineluding workmanship, would cost you £55. The consequence is that the stone costing in the rough £10 would have to fetch £27 10s. per carat when cut. Now, of the seven million pounds' worth of diamonds shipped home, only one-third of the carats are made into brilliants, and this £7,000,000 would be worth about £7,700,000, not £21,000,000, as the *Sunday Times* puts it. We trust that this little blunder, involving a mere bagatelle of £14,000,000, will not upset the equilibrium of the contributor and prevent his adding further to the gaiety of his clientèle in these depressed times."

Jewelry, Clocks, Watches and Optical Goods Exported from New York.

Washington, D. C., Aug. 15.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Alexandria: 3 packages plated ware, $300.
Basle: 1 case watches, $115.
Berlin: 7 packages scopes and views, $700.
Bombay: 36 packages plated ware, $2,639.
Bremen: 7 packages plated ware, $1,315.
Buenos Ayres: 30 packages plated ware, $1,405; 8 packages clocks, $350.
Calcutta: 14 packages clocks, $318; 1 case jewelry, $223; 4 cases watches, $570; 3 packages clocks, $528.
Cape Town: 36 packages clocks, $476; 3 cases watches, $430.
Christiania: 18 packages clocks, $674.
Colon: 2 packages silverware, $163; 1 case watches, $168.
Copenhagen: 10 packages clocks, $300.
Frankfort: 4 packages optical goods, $800.
Glasgow: 88 packages clocks, $1,051.
Guayaquil: 1 case jewelry, $290.
Hamburg: 3 cases watches, $2,137; 1 package plated ware, $125; 2 packages optical goods, $470, 3 packages clocks, $137.
Havana: 28 packages clocks, $294; 3 cases jewelry, $577; 7 packages plated ware, $569; 18 packages clocks, $319; 3 packages plated ware, $274.
Havre: 1 package optical goods, $718; 3 packages jewelry, $5,000.
Hong Kong: 72 packages clocks, $1,172.
Liverpool: 5 packages jewelers' ashes, $4,000; 205 packages clocks, $2,075; 1 case jewelry, $1,000; 1 package plated ware, $1,819; 1 case jewelry, $1,000.
London: 60 packages clocks, $2,105; 2 packages plated ware, $418; 4 cases watches, $200; 1 package silversmiths' sundries, $245; 2 packages jewelers' findings; 1 package scopes and views, $146; 34 cases watches, $5,496.
Lisbon: 35 packages clocks, $469.
Manchester: 17 packages clocks, $139.
Melbourne: 3 packages optical goods, $100; 1 package plated ware, $228.
Mollendo: 1 case watches, $530.
Montevideo: 10 packages plated ware, $1,475.
Rosario: 15 packages clocks, $159.
Santiago: 3 cases jewelry, $197.
Santos: 65 packages clocks, $1,449; 4 packages optical goods, $207; 5 cases jewelry, $1,065.
Shanghai: 124 packages clocks, $1,741.
Singapore: 50 packages clocks, $794; 1 case watches, $119.
Savanilla: 1 package plated ware, $122.
Stuttgart: 4 cases optical machinery, $116.
Trinidad: 2 packages plated ware, $114.
Valparaiso: 2 cases watches, $1,440.
Vera Cruz: 4 packages plated ware, $278; 22 packages clocks, $414.

Thieves Escape With $1,000 Worth of Loot from Jewelry Store in Oconto, Wis.

Oconto, Wis., Aug. 15.—A daring burglary was committed in the store of A. Watterich, of this place, early Saturday morning, by thieves who made off with about $1,000 worth of jewelry. Entrance to the store was effected by cutting out a piece of glass from one of the windows. The work was done in such a manner as to lead the police to believe that professional thieves are the guilty ones.

Surrounding towns have been notified to be on the lookout for suspicious characters, and the police are hopeful of running down the thieves. Mr. Watterich stated that a large part of the loot consisted of articles which had been left with him to be repaired.

Freight Situation in San Francisco, Cal., Improved—Stock Accommodation Inadequate.

San Francisco, Cal., Aug. 15.—The different wholesale jewelry houses in San Francisco state that fair-sized stocks of goods are being carried and that from now on orders can in most cases be promptly filled. Although the freight situation is as yet far from satisfactory, it has materially improved, and shipments are now being received with more regularity than in the immediate past. What is bothering the wholesaler now more than anything else is the lack of accommodations to properly store the stock. Shelving and show cases are hard to procure, and not many of them are equipped with vaults.

This fact, coupled with the high rates of insurance, ranging from three to 10 per cent., according to location, will prevent the carrying of large stocks for some time to come. With the city demand that has proven so heavy owing to the heavy initial stocks to be installed, well in hand, the wholesalers are commencing to pay more attention to the country trade, and a number of salesmen started out this week with the Fall samples. The city retail trade shows no sign of falling off in volume, and dealers have about all the business that they can handle. An unusual amount of repair work is now being taken in and first-class watchmakers are in demand.

Offer to Creditors Made by the Neisser Jewelry Co., Milwaukee, Wis.

Milwaukee, Wis., Aug. 20.—A letter has been sent out by the Neisser Jewelry Co. asking the creditors to decide whether it will be better for the company to compromise claims or to turn over its stock to a trustee.

Hattie B. Neisser is the sole proprietor of the business, of which Adolph W. Neisser is manager. In a statement contained in the letter it is said that the merchandise debts amount to $11,000, and about $15,000 is due for borrowed money, in part to the First National Bank. The bank holds no security. The company says that its assets are nominally in excess of the liabilities, but because of the nature of the stock, the full value could not be realized on a hurried sale.

The company announces its willingness to follow whatever course the creditors agree upon. Bloodgood, Kemper & Bloodgood act as the concern's attorneys.

Benninger Jewelry Co., Cleburne, Tex., Asks Creditors to Grant an Extension.

Cleburne, Tex., Aug. 20.—The Benninger Jewelry Co. invited its creditors to meet this week in the office of its attorneys, Cleveland & Haynes. The company says that its liabilities are about $1,500, and that its stock is worth about $2,100.

The concern asks the creditors to consent to an extension, promising to pay in two instalments, in November and February next.

Thos. A. Brown, Quincy, Ill., returned home recently from a pleasure trip to New York and Buzzard's Bay.

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65 NASSAU ST. (PRESCOTT BUILDING), NEW YORK.

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LONDON,
40 Holborn Viaduct.

CUTTING WORKS,
Cor. Union & Nevins Sts., Brooklyn.

HENRY E. OPPENHEIMER & CO.,

51 Holborn Viaduct, London.
50 Rue de Chateaudun, Paris.
7 Place Loos, Antwerp.

Tel. 621 Cortlandt.

3 MAIDEN LANE, NEW YORK.

DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

Death of Philipp M. Thoma.

Philipp M. Thoma, who for many years had been a jewelry manufacturer in New York, died Thursday of last week on a Susquehanna & Western railroad train, while he was on his way to his home at Maywood, near Hackensack, N. J. On the day of his death he went to his factory, 21 John St., and started for home in the latter part of the afternoon. For several years Mr. Thoma had suffered from heart disease, and before going to take the ferry he took the medicine which had been prescribed for him.

Mr. Thoma sat reading his paper in the train as it pulled out of Jersey City, and it is supposed that he died between Hackensack and Maywood. He did not get out at the latter station, and this was noticed by people on the train who knew him. A brakeman went over to him and laid his hand upon his shoulder, supposing that he



THE LATE PHILIPP M. THOMA.

was asleep. It was then seen that Mr. Thoma was dead. The body was taken from the car at Rochelle Park, the next station above Maywood. It happened that the physician who had been treating Mr. Thoma was waiting at the station and had the body sent directly to Mr. Thoma's home.

Mr. Thoma was a native of Hanover, Germany. At the age of 12 years he came to this country and lived for a time in Ohio. Returning to the east he learned the trade of steel engraving in a town near Providence. Then he came to New York and entered, as manager, the factory which his brother, Ernest Thoma, was then conducting at 42 Maiden Lane.

In 1881 Philipp began business for himself at 15 Maiden Lane, remaining there about five years, after which he moved to the John St. address, where he had his factory up to the time of his death.

As a business man Mr. Thoma was held in high regard. He made many friends, and the esteem in which he was held in the community in which he lived was shown by the fact that he was repeatedly chosen to positions of honor and responsibility. He was for six years a member of the Common Council of Maywood, and several years ago served a term as Mayor. He fulfilled the duties of these positions faithfully and at the same time conducted his own business in New York in a commendable manner.

In his habits Mr. Thoma was essentially a domestic man, giving all his time to his home when away from business. He was enthusiastic as a bowler, the form of exercise he most enjoyed, and the bowling clubs to which he belonged were those in which the members brought their families to the contests.

The funeral services were conducted at his late residence, Saturday evening, at 8.30 o'clock. Besides the attendance of friends in his own village many went from New York on the 7.30 o'clock train.

Swindler Gets Valuable Watch Left for Repairs With Dealer at Flushing, L. I.

By means of a trick a young man on Tuesday of last week obtained for 50 cents a watch valued at $125, which had been left to be repaired with Joseph Feinberg, 117 Main St., Flushing, L. I. The watch, which belonged to an employe of the American Express Co., was in a drawer ready for the owner to take it away. Mr. Feinberg went out, leaving the store in charge of his 15-year-old daughter, Annie.

A stranger, described as a tall youth with a round, boyish face, entered the store and told Miss Feinberg that he had left a watch to be repaired a few days before. The young lady said that she could not pick out his watch from the others and asked him to call again when her father was there, but he said that he did not like to wait longer for his timepiece. Then he told her that she could readily tell his watch because he had left a rubber band wound around the stem.

Miss Feinberg looked in the drawer and found a watch with the rubber band as described. This was the watch belonging to the American Express Co.'s employe. It has an attachment to strike the hours and other improvements. When the watch was handed out by Miss Feinberg the young man asked the amount of the charge. Looking at the tag she said it was 50 cents. He paid the amount she asked and has not been seen since.

It was learned soon after Mr. Feinberg returned that the young man who obtained the watch was not the owner. How the stranger knew about the rubber band being on the watch is a mystery. The jeweler said that the watch had not been left in any position where it could be seen by the public. None of the other watches had a rubber band around the stem. The police have been notified and are looking for the man.

Two colored men, about a week ago, entered the store of Mrs. F. F. Trefzer, Union, S. C., and stole a small amount of jewelry. They entered the store ostensibly to buy rings, but they grabbed several of them and started to make for the street. When pursued the thieves threw one ring into the street, where it was found later. One of the negroes, Chas. Sims, was arrested and is now in jail.

Renewed Interest Manifested in the Proposed American Academy of Optometry.

CHICAGO, Aug. 17.—The following circular-letter, relating to the founding of the proposed Academy of Optometry, has been sent out to members of the Illinois State Optical Society by Secretary O. J. Halbe, who is working hard for the elevation of the profession:

CHICAGO, Aug. 16, 1906.

E. LeRoy Ryer's address, delivered before the Physiological Section of the A. A. O., in Rochester, N. Y., July 31 last, was most interesting. You will find it in any of your up-to-date trade papers. I have read everything which I have seen in the trade papers about E. LeRoy Ryer, from the time he held his first office in the O. S. C. N. Y., until the present time. From it I come to the conclusion that he should be supported in his endeavor to help us to solve various problems. What constitutes a proper standard of education, and how shall such a standard be so firmly established as to make all men practicing or intending to practice optometry qualify on this basis?

Notice that in his address he is making suggestions which in his opinion are needed. He does not claim to be infallible. After reading his address you will agree with me that he has thoroughly studied all phases of the subject, and we can safely trust him and give him our support in his plan to form a National Academy of Optometry.

Write him and let him know that you want him to go ahead, thereby showing that you are taking an interest in the matter. Such men as he are not in it for what they can get out of it, but for the good of the cause. There is no doubt in my mind that Mr. Ryer will very shortly give you a plan whereby the academy can be started. Then it will be up to you to show him where you think he is right and where he is wrong, and why.

It is by thorough interchange of opinions that Mr. Ryer can come nearest in starting an ideal academy.

O. J. HALBE.

New Jersey State Optical Society Holds Its Quarterly Meeting.

NEWARK, N. J., Aug. 16.—President Hilborn called the meeting to order last evening at 8.30. Secretary Hartman read the minutes of the last meeting, which, upon motion, were adopted as read. At the last annual meeting, held in May, the by-laws of this society were amended so that at each quarterly meeting business could be conducted, thus avoiding the necessity of waiting until the end of a year to elect members, etc.

The following were elected to membership: James B. Bergen, Geo. W. Bogart and Cornelius Edward, all of Paterson, N. J.; F. C. Stevens, Westwood, N. J.; H. W. Blaisdell, Vineland, N. J.; L. Triedner, Jersey City, N. J.; H. C. Aurnhammer, Newark, N. J., and Allan Barr, Bridgeport, N. J.

President Hilborn requested members to be prepared at the next meeting to discuss the advisability of the society's issuing certificates of membership. R. M. Lockwood was introduced as the speaker of the evening and told what he saw at the Rochester convention.

E. Le Roy Ryer was called upon and gave a graphic description of the clinic conducted by Chalmers Prentice, M.D., at the convention. Informal discussions took place upon various topics, after which the meeting adjourned.

W. B. Robertson, who was recently convicted for stealing a diamond ring from the store of Garibaldi & Bruns, Charlotte, N. C., has been released from jail under $500 bonds.

American Energy

AND PUSH OF OUR BUYERS ABROAD HAVE RESULTED IN LARGE SHIPMENTS OF EXCEEDINGLY FINE AND MEDIUM QUALITIES OF THE FOLLOWING GOODS:

Oriental Baroque Pearls
Round and Bouton Pearls
Round Tinted Pearls
Half Pearls
Round Cut Rubies
Emeralds and Sapphires
Aquamarines and Peridots

WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

L. Heller & Son

Importers of Precious and Imitation Stones.

New York, 51 Maiden Lane Providence, 212 Union St. Paris, 39 Rue de Chateaudun Idar, 14 Hauptstrasse

GEORGE H. HODENPYL. WALTER N. WALKER.

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DIAMOND JEWELRY

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Unique and Staple Patterns

170 Broadway, New York

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TELEPHONE, 1898 CORTLAND

Repairing and Recutting Diamonds a Specialty

OUR **40th YEAR** IN BUSINESS **1866-1906**

DIAMONDS LOOSE AND MOUNTED — CASES and MOVEMENTS ALL MAKES AND GRADES — JEWELRY GOLD AND PLATED

ORDERS SOLICITED FROM RESPONSIBLE JEWELERS. GOODS SENT ON SELECTION.

All our goods are either direct importations, our own manufacture or bought for cash, enabling us to offer special inducements in prices and terms.

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12 MAIDEN LANE, (ONE FLIGHT UP)

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A. ROSEMAN, 9-11-13 Maiden Lane, New York

IMPORTER OF

DIAMONDS

Maker of Diamond Jewelry

Established 1872

HEADQUARTERS FOR

AMERICAN WATCHES

TRADE-MARK.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

JACOB BASCHKOPF,

DIAMOND SETTER,

LETTER AND MONOGRAM

ENGRAVER,

9-13 MAIDEN LANE,

Room 701 Jewelers' Bldg. NEW YORK

Commerce of the United States With Non-Contiguous Territories.

WASHINGTON, D. C., Aug. 16.—The following figures show the commerce of the United States with its non-contiguous territories in clocks, watches, jewelry, etc., for comparative periods of time:

Alaska.—The shipments of clocks to Alaska during June were valued at $1,029, as compared with a value of $1,236 for the same month a year ago. For the 12 months ending with June the value of these shipments was $5,797, as against a value of $5,693 for the same period of 1905. Watch shipments amounted in value to $120 in June last and to $186 in June, 1905, while during the 12 months' periods the values were $1,551 in 1906 and $953 in 1905. Jewelry shipments declined in value from $4,692 in June, 1905, to $1,921 in June last, but during the 12 months' periods increased from $41,001 in 1905 to $60,582 in 1906. Plated ware shipments also fell from $475 in June, 1905, to $276 in June last, but increased from $6,203 to $7,646 during the 12 months' periods.

Hawaii.—During June last clocks to the value of $573 were shipped to Hawaii, as against a value of $1,096 in June a year ago. During the 12 months' period the shipments increased from $9,729 in 1905 to $12,259 in 1906. Eighty dollars' worth of watches were shipped in June, 1905, as against nothing in June last. The year's shipments increased from $1,865 in 1905 to $2,196 this year. No jewelry was shipped to Hawaii in June last, as against $20,420 worth in June a year ago. The 12 months' shipments declined in value from $186,454 in 1905 to $83,421 in 1906. Plated ware to the value of $751 was shipped in June a year ago, as against nothing in June last. The year's shipments fell from $52,668 in 1905 to $24,859 this year.

Porto Rico.—The value of the clocks shipped to Porto Rico in June was $387 in 1906 and $501 in 1905, while during the 12 months' periods the values were $3,373 in 1905 and $5,740 in 1906. Watch shipments were valued at $132 in June a year ago, and $66 in June last, and at $2,354 during the 12 months of 1905 and $3,551 during the same period of 1906. Shipments of jewelry fell from $895 in June, 1905, to $101 in June last, but increased from $8,886 during the 12 months of 1905 to $14,399 during the same period of 1906. Plated ware shipments also fell from $723 in June, 1905, to $581 in June last, but increased from $6,745 to $8,875 during the 12 months' periods.

Philippine Islands.—No clocks were shipped to the Philippines in June last, as against $712 worth in June a year ago. During the 12 months' periods the shipments fell from $5,165 in 1905 to $4,837 in 1906. No watches were shipped either in June a year ago or in June last, while during the 12 months' periods the shipments decreased from $1,759 last year to $924 this year. Fifty dollars represented the value of the jewelry shipments in June, 1905, as against nothing in June last. During the 12 months' period the shipments increased from $2,367 last year to $3,905 this year. Plated ware to the value of $2,048 was shipped in June, 1905, as against nothing in June last. These shipments increased from $3,672 in 1905 to $4,926 this year.

The Effect of the Advance of Silver Bullion on the Price of Silver Flatware, Etc.

As a consequence of the Government's announcement of its intention to buy silver for subsidiary coin, the manufacturers of silverware are watching with considerable interest quotations on bullion. Representatives of several companies told a reporter of THE JEWELERS' CIRCULAR-WEEKLY, last week, that if the price of silver bullion advanced beyond its present level sterling silverware must also go up, as the present margin is small.

One of the manufacturers said: "It is not possible to make any accurate predictions, because nobody knows how much silver the Government will buy in the immediate future. If the purchases are so large that the price of silver goes up, then the silverware manufacturers must declare advances, especially on sterling silver flat ware. We could not afford to pay any more than we do now for our material without getting more for the product. In flat ware the labor is a comparatively small item, while the price of the material is the great factor. On some lines of knives, forks and spoons the business is not far from that of buying and selling bullion.

"Last January, after the price of silver bullion got up to the present level of 65 or 66 cents an ounce, the manufacturers put up their prices on sterling flat ware about 10 per cent. Prior to that time the silverware prices had not been changed from the time that the raw material was selling for little more than 50 cents an ounce. Our advance really did not represent the extra cost of the material to the manufacturer.

"In hollow ware, while there have been advances also they are not so definite as in flat ware, because the labor is a much more important element in the former. But even in hollow ware we must figure up the amount of silver in fixing a basis for pieces, and that is true also of plated ware. If the metal goes higher than it now is, all lines of silverware will be affected."

In 1902 the average New York quotation for silver bullion was a fraction more than 52 cents an ounce. The lowest monthly average that year was 49 cents. There has been an upward tendency in prices since then. One day last week silver reached 66⅜ cents an ounce in the quotations.

Death of Thomas M. Sparks.

SHELBINA, Mo., Aug. 15.—Thos. M. Sparks, a well-known jeweler and druggist, is dead at his home here. The deceased had been engaged in business for about 20 years.

Besides his jewelry and drug business Mr. Sparks also had considerable lumber interests. He was well thought of as a straightforward and trustworthy business man.

O. A. Peirce, New Orleans, La., recently filed a petition asking a respite of 12, 18 and 24 months within which to pay his creditors. In the petition Mr. Peirce avers that he is solvent, but finds himself unable to meet matured notes. According to the schedule filed, the assets amount to $5,100, and the liabilities are given as $2,500. A meeting of the creditors was called for Sept. 14.

American Plated Silverware Sales Making Progress in Canada.

American manufacturers of silver-plated ware are advised that by sending aggressive salesmen to call frequently on retail dealers in Canada the sales in some lines may be considerably increased in that country. The advice comes from Consul Michael J. Hendrick, at Belleville, Ont. He says that all agree that American-made goods excel all others in finish. Mr. Hendrick's remarks are given in part as follows:

Most of the foreign silver plated ware is sold to retailers direct by the manufacturers through traveling salesmen, who call frequently on the retailers. The goods most in demand consist of biscuit jars, casters, cake baskets, candelabra, coffee sets, bake dishes, berry dishes, crumb sets, fern dishes, fruit bowls, jewel boxes, napkin rings, sauce boats, shaving sets, butter dishes, syrup pitchers, tea sets, toilet sets, trays, and waiters. Those which do not sell so readily are cups and saucers, loving cups, pickle dishes, puff boxes, punch sets, smoking sets, trinket boxes, water and lavatory sets and urns. The principal brands sold are of Canadian make, American and English made goods covering nearly the balance of sales.

The only disadvantage American goods are under is due to the preference of 33⅓ per cent. in tariff charges in favor of British-made goods. German goods are charged a surtax of 33⅓ per cent. There are no departmental stores in this district. One firm has several stores in different cities in Ontario and buys American silver plated goods exclusively at jobbers' prices in New York.

Canadian manufacturers of electroplated hollow ware have been making great strides in the improvement of their goods within the past few years and are now selling much more than half retailed in this district. The English also have been giving more attention to the trade here; where they had one agent calling on the trade five years ago they now have five. They are making the greatest strides in the sale of the better goods—electroplated nickel silver—which are harder and ring on being tapped, and they lay down their goods at lower prices than the Americans. They sell all goods duty paid and are also improving in styles and studying Canadian markets more.

The Americans are also aggressive and have agents traveling through this district frequently, and while on the whole they sell more goods than formerly they are not increasing sales in proportion to the total increase in the trade. The American-made goods are mostly in britannia metal, and while the American makers offer the nickel or hard goods, they seem to sell a smaller proportion of them, their sales mostly consisting of the britannia goods. I find that all agree that the American-made goods excel all others in finish. Electroplated britannia ware continues to be the most in demand except among city people and people of fashion, those being the ones who prefer the nickel or hard finish wares; one dealer showed me English-made goods, finished on nickel or hard metal, such as egg stands, etc., which he claimed were better goods than American, at 20 per cent. less than he could sell American. I would advise that good aggressive traveling salesmen, calling frequently on the retail dealers, could increase the sale of American electroplated hollow ware. By taking such initial orders as they can get, and relying on the excellence of their goods and the promptness of delivery, watching closely the changing styles and offering such, and, above all, having their goods equal to sample, will increase the trade.

Death of Charles Asmann.

COVINGTON, Ky., Aug. 15.—Chas. Asmann, having the largest jewelry store in this place, died suddenly at his home, Fifth and Craig Aves., Saturday, aged 74 years and 10 months.

The deceased was of German nationality, and had been in the jewelry business for over 50 years. He was also one of the oldest watchmakers in this territory.

C. L. Kerr, Silver Springs, N. Y., recently moved his stock into a new store which has been handsomely fitted up for his use.

WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

Importers and Cutters of

DIAMONDS,

65 Nassau Street, *Corner John,* **NEW YORK.**

LONDON, Audrey House, Ely Place. AMSTERDAM, 6 Tulp Straat.

SEND TO US ANY QUANTITY OF

AMERICAN PEARLS

WE BUY FOR CASH.

Send by registered mail or express; we will make an offer by return mail. We will also buy any quantity of

BAROQUE PEARLS (SLUGS).

BUNDE & UPMEYER CO.,

Mack Block, **MILWAUKEE, WIS.**

Manufacturers of Diamond Mountings Affected by Rapid Advance in the Price of Platinum.

Recent rapid advances in the price of platinum are adding to the cost of diamond mountings. Several manufacturers who were asked yesterday about the effect on the trade told a reporter that they have been obliged to add considerably to their prices for platinum mountings in the last two or three months.

Belais & Cohn, 13 Dutch St., refiners of platinum, said that last week the price of the metal went up $3.50 an ounce, and it is now quoted at $28. A year ago the price was $18.50 an ounce. It slowly went up until February, when it stood at $21. Since then there have been several sharp advances, that of last week being the largest. Back in 1892 the price was less than $10 an ounce.

As to the effect on mountings, one manufacturer said that a 14 karat gold brooch faced in platinum, which he sold to the trade two months ago for $22, cannot now be sold for less than $28. To illustrate how the platinum increases the cost above that of gold mountings, he said the same style in gold is sold for $12. In using platinum there is more waste than in gold, he said, because the pieces cannot be readily fused and all that the jeweler can do is to send back to the refiner as scrap all the pieces that are left over.

The reasons given for the increasing price of platinum are that the use of the metal has been growing greatly while the supply is limited. The refiners say that nearly all the platinum continues to come, as for years past, from the Ural Mountains, in Russia. Reports have been published of late in the foreign press that the Minister of Commerce in that country is curtailing exports which are under the immediate control of the government.

Even without such action on his part, the supply, according to the reports, was becoming less and less adequate, production at the mines not keeping up with the increase in consumption. The disturbed condition of Russia is supposed to have something to do with the present situation of the platinum market.

The Russian Minister of Commerce is said to have under consideration plans for either imposing heavy export duties or of making a regulation that would entirely prohibit the exportation of the metal, at least in its crude state, the idea being to get further revenues and perhaps to build up refineries in Russia. At present most of the metal exported is in the form of ore.

Some years ago it was estimated that the jewelry trade took about 10 per cent. of the total amount of platinum imported into this country, but since then the use of platinum mountings has greatly expanded. Some of the refiners in this city sell more to the jewelry than to any other trade. Outside of jewelry, the metal is used largely in the electrical and chemical trades and in the manufacture of false teeth.

The total importation of platinum into the United States in the fiscal year ended in June last, according to the government statistics, was 9,269 pounds, valued by the customs authorities at $2,678,546. There is no duty on the ore.

Meeting of Creditors of I. G. Dillon & Son Co. Called for Aug. 27.

PITTSBURG, Pa., Aug. 18.—A meeting of the creditors of the I. G. Dillon & Son Co., Wheeling, W. Va., has been called for Monday, Aug. 27, for the purpose of listening to a proposition to accept 40 per cent. on the dollar. Pittsburg creditors will object to a settlement on that basis.

The liabilities of the bankrupt concern amount to about $170,000. In discussing the notice sent out to local creditors by Frank C. Cox, the referee in bankruptcy, it was learned that this basis of settlement was not considered large enough, and therefore local creditors will not accept it. J. A. Miller is the trustee appointed by the court to conduct the business until the firm's affairs are finally wound up. The store is open for business as usual. There are said to be quite a number of local creditors, a few houses being involved for a large amount. There are also many large eastern creditors.

Pearl Dealers Interested in New Device for Separating Pearls from the Bivalve.

Pearl merchants in New York will be interested in a report from Winona, Minn., as to a new device for the separation of pearls and slugs from the meat of mussels. Several who were asked their opinion of the invention, as described, said that the idea seemed feasible, and, as well as they could judge, the device should be of considerable assistance in the development of the pearl fishing industry on the western rivers.

The report from Winona is to the effect that A. C. Windau, a clammer and pearl buyer, has invented the device, but that, unlike many inventors, Mr. Windau will not take out a patent on his machine.

The machine is intended for the quick separation of pearls and slugs from the meat of the clams. After the clams have been opened and the shells thrown into a heap, it is a slow process hunting through the meat to get the pearls and slugs. Mr. Windau claims for this device that it will be possible to do in one hour what has heretofore required 10 hours, and that the work is done much more thoroughly, many small pearls and slugs being saved, that under the old process of hand picking would not have been noticed.

The device consists of an outer can with a capacity of about 20 gallons. Inside of this is a smaller can with a sieve bottom elevated about an inch. The meshes of the sieve are half an inch across. Inside the inner can is an arrangement much like the dasher in an ice cream freezer, with a turning handle extending through the top cover. When it is desired to separate the slugs and pearls from clam meat, the clam meat is poured into the inner can and water added. The dasher is then set to turning and kept revolving for about 10 minutes until the whole interior mass has been thoroughly stirred up. The pearls and slugs will thus become separated from the meat, and being heavier will naturally sink to the bottom and pass through the half-inch meshes of the sieve into the outer kettle. The inner kettle is then lifted out and the liquid in the outer kettle passed through a fine sieve, the pearls and slugs remaining.

New Stores and Enterprises.

J. Steinberg recently began business in Festus, Mo.

F. S. Crebs & Co. have started in business in Frankfort, Ind.

H. J. Van Hautter is about to open a store in Gordon, Nebr.

Ray Stanger will shortly open a repairing shop at Schleswig, Ia.

Ed. Stenquist, Fargo, N. Dak., has opened a store in Kennedy, Minn.

C. E. Slater is opening a new jewelry store at Vermilion, Alberta, Can.

W. F. Royster recently opened a new store at 319 D St., San Bernardino, Cal.

The Datas Diamond & Gold Co. was recently organized in Delaware with a capital of $100,000.

W. T. Lane will open a jewelry and optical store at 57 Main St., Bradford, Pa., about Sept. 1.

Phares Finkebine has gone to Memphis, Tenn., where he expects to open a retail jewelry store.

Levi & Joseph, Lansdale, Pa., have been incorporated with a capital stock of $5,000 to conduct an optical business.

Carl Holforth, who for the past two years has been employed in the store of Mrs. D. R Jenkins, El Paso, left last week for Henry, Ill., where he intends to conduct a store on his own account.

The Hamilton Novelty Co. was recently incorporated in Jersey City, N. J., to manufacture engraved goods, novelties, etc., with a capital stock of $25,000. The incorporators are: B. S. Mant, T. F. Barrett and C. L. Hotzel, of Jersey City.

The Gordon Co., Bridgeport, Conn., was incorporated, last week, to conduct a general jewelry business. The concern starts with $10,000 capital and with an authorized capital of $20,000. Morris J. Gordon, Alexander Levi and Charles F. A. Biltz were the incorporators.

Death of Wilson Hanes.

CLAYVILLE, N. Y., Aug. 18.—Wilson Hanes, a well-known resident of this place, where he was engaged in the watch and jewelry repairing business for over a quarter of a century, died at his home here, Friday, after an illness which lasted about three weeks.

The deceased was born in Stewart, Schoharie County, about 57 years ago. He is survived by two sons and two daughters, La Verne, of Clayville; Ernest, of Woonsocket; Mrs. Roscoe Ratcliffe, of New Britain, Conn., and Mrs. Fealar Vea, of Gloversville.

E. B. Woodward, Spring Valley, Minn., contemplates engaging in business in Aberdeen, S. Dak.

During the past few days complaints have been made against a man who sold bogus jewelry in Belleville, W. Va. Last week Chief Mahoney arrested a man believed to be the culprit.

Dr. David T. Day, of the Geological Survey station, at Columbia, Pa., is reported to have found a considerable quantity of diamonds in his experiments with the tailings from the Oroville mining district in California. Dr. Day intends to send the stones to be examined by experts in New York.

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds Other Precious Stones, and Pearls, Diamond Jewelry

1840, Randel & Baremore; 1866, Randel, Baremore & Co.; 1880, Randel, Baremore & Billings; 1897, Chester Billings & Son

New York, 58 Nassau Street, 29 Maiden Lane
London: 22 Holborn Viaduct, E. C. Paris: 53 Rue de Chateaudun
Amsterdam: 2 Tulp Straat

NOW READY

New and Attractive Line of

BRACELETS
COLLARETTES
PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

EDUARD VAN DAM

DIAMOND CUTTER

AMSTERDAM NEW YORK ANTWERP

My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

Bank References Given

Everyone knows that I pay more for

AMERICAN PEARLS

than any other firm.

Maurice Brower

12-16 John St., New York

Telephone, 6233 Cortlandt

Philadelphia.

Max Rosenberg, 9th and Callowhill Sts., is spending a vacation at Surf Beach, N. J.

William Stewart, watchmaker, last week took a position with Geo. H. Homer, Wildwood, N. J.

F. C. Bode, Jr., 1804 Market St., has taken his family away for the balance of the Summer.

James Blisard, of the jobbing firm of John E. Blisard & Co., left last week for a trip through the State.

Geo. C. Price, watchmaker for the trade, 720 Sansom St., left, Monday of last week, for a pleasure trip to Boston by sea.

Louis A. Spoerhase, 4078 Lancaster Ave., returned last week from an extended pleasure tour through Europe much benefited in health.

D. V. Brown, 740 Sansom St., sailed Friday last from Southampton on the *Amerika* after a two months' trip through Europe.

I. S. Weaver, Jr., Reading, Pa., has completed the remodeling of his store for the season's trade. Entirely new fixtures have been put in.

Walter Schanely, son of H. B. Schanely, Quakertown, Pa., accepted, last week, a position as watchmaker for Gustave Lanz, Norristown.

George Donaldson, of the Koshland & Italie Co., is spending a vacation at Atlantic City. H. P. Lanz has returned from a trip through eastern Pennsylvania.

Joseph A. O'Malley, with Jacob Bennett & Son, manufacturing jewelers, 1024 Chestnut St., will be married the latter part of this month to Miss A. Canfield, of Ridley Park.

Edward H. Wetherhold, Allentown, moved last week into a handsome new store on Hamilton St., and is reported now to have one of the best retail stores in that territory.

J. E. Caldwell & Co. are displaying the prizes designed and furnished by them under contract for the middle States' annual regatta to be held on the Potomac River, Washington, next month.

Lou Sickles, of Morris Sickles & Sons, made a flying trip to Pittsburg last week to visit friends. J. J. Zimmern departed Monday of last week for his regular trip through the south and southwest, to be gone about two months. Max Polak is touring the State.

J. Warner Hutchins was selected last week by the members of the Cape May Yacht Club to design and furnish the prize cup to be competed for in the annual races of the club. As the guest of the commodore, Mr. Hutchins spent the week's end at the popular south Jersey coast resort.

Simon Reece, who, as reported in THE CIRCULAR-WEEKLY last week, confessed to the theft of $800 worth of diamonds from Jos. H. Deschamps, 7th and Chestnut Sts., and who was arrested in London, to which city he had fled, and was extradited, was sentenced last week to two years in prison.

The plant of the Kensington Pearl Works, 1214 N. Crease St., was sold, last week, as the result of bankruptcy proceedings at a receiver's sale. The stock sold consisted of 8,000 pearl knots, one case of pearl shell, a large lot of umbrella handles, stag horn pearl strips, silver mountings and a variety of other material. The sale was attended by many dealers in the trade.

Carl Gutmann, pawnbroker, 507 E. Girard Ave., was fined last week by Magistrate McCleary, $50 and costs for failing to register articles pledged in his establishment. When Gutmann was arraigned the police charged that he made it a practice to issue bogus pawn tickets and have an agent sell them for the ostensible redemption of goods which had never been pawned.

L. A. Breitinger, of the American Cuckoo Clock Co., this city, returned home from Europe recently on the *Kaiserin Augusta Victoria*. While abroad he purchased the necessary equipments for a new movement shop, which, it is claimed, will turn out better movements than those hitherto produced. The new shop contains the latest improved automatic machinery.

A dispatch was received here from Baltimore, Md., last week, that Henry J. Harris, reported to be a jeweler of this city, had found his mother, who had been missing for several days, in the county poor house in that city. The dispatch continues that Mrs. Harris had wandered to Baltimore and had been picked up by the police on the street, but that although furnished with a description of the missing woman, they had failed to identify her and she had been sent to the poor house.

The annual clambake and midsummer outing of the Philadelphia Jewelers' Club, which was to have been held Saturday at the Morrelton Club, Torresdale, was postponed by the Board of Governors until Sept. 5. Everything had been in readiness for the festivities, even to the chartering of a special boat to carry the club's guests up the Delaware River to Torresdale, but at the last moment J. Warner Hutchins was advised from New York that the caterer who had been engaged to prepare the sea food for the guests, upon which preparation would have depended the success of the clambake, was unable to come on. General satisfaction is expressed among the club members that this has been done inasmuch as many of them are out of town and a larger attendance will be assured in September.

"Interesting Facts about Watches and Diamonds" is the title of an attractive booklet of 16 pages recently issued by Albaugh & Pickering, 74 N. High St., Columbus, O. The cover pages are of a grayish-brown hue, the title being printed in black. Under the caption, "Watch Talk," is given a brief history of some remarkable watches accompanied by illustrations. Among those described is one made by E. S. Albaugh, of the firm, after five years' labor. It weighs 320 pounds and is self-winding. The fact is also mentioned, very judiciously, that the unique timepiece may be seen in the concern's show window. The chapter that follows describes the origin of the diamond and some of the most renowned gems which have been discovered. It concludes by calling attention in an unobtrusive manner to the concern's stock. The last few pages are devoted to suggestions for presents, the gems for every month, wedding anniversary and other information.

Lancaster, Pa.

J. H. Senseing, New Holland, visited Lancaster last week.

Roy C. Berkley, Wilmington, Del., visited old friends here last week.

Conrad J. Meckley has gone to New York to spend a week on business and pleasure.

Harry Weeber is remodeling his store and establishing a complete optical department.

Marshall Troast, a former Lancaster engraver, now in business in Pittsburg, is here visiting his parents.

George R. Weber, of Louis Weber & Son, accompanied by his wife, has returned from a trip to Atlantic City, N. J.

Howard W. Detterline, of the staff of the Non-Retailing Co., has returned from a trip to Niagara Falls and Canada.

Frederick Tesch, of J. M. Tesch & Sons, Reidville, N. C., last week visited this city, where he has a number of friends.

Harry J. Dellet, for several years connected with the Hamilton Watch Co.'s factory, has taken a position in Coatesville, Pa.

The Columbia Wagon Co., a large Columbia enterprise, last week elected H. F. Yergez, jeweler, a director, treasurer and general manager.

In the athletic contests held last week at Rocky Springs Park, by the Royal Arcanum, Edward Rosenstein, of the Lancaster Silver Plate Co., won the prize in the 100-yard dash.

Frank S. Brown and James Barton, watchmakers, the former of Columbia and the latter of Harrisburg, are now in Lancaster, having returned from Havana, Cuba, where they went a year ago to take positions. Mr. Barton is in poor health.

Kendig H. Bare, watchmaker for Ezra F. Bowman's Sons, is spending two weeks at Atlantic City. James W. Leonard, engraver for that firm, who was on the sick list, is at the bench again, and William Bowers, also an engraver, is in Virginia on a vacation trip.

F. A. Peters, of the H. S. Meiskey Co., visited New York and the Thousand Islands last week. He is now entertaining Edward Rollins and mother, of Brooklyn, N. Y. Mrs. Charles F. Reisner has gone to Salisbury, N. C., to join her husband, who represents the H. S. Meiskey Co. in that section of the country.

The police were kept busy last Friday night watching three men whose actions at several N. Queen St. jewelry stores led to the suspicion that they were crooks intent on robbing one of the stores. The chief of police finally notified them that they would be arrested as suspicious characters unless they left the city, and they were watched until they departed on an early morning train.

Savannah, Ga.

S. E. Theus, of Theus & Co., is taking an active part in the gubernatorial campaign of Col. J. H. Estill, of Chatham County, Ga.

R. Van Keuren, of R. Van Keuren & Co., has gone north for a stay of a month. Part of the time will be spent in New York on business.

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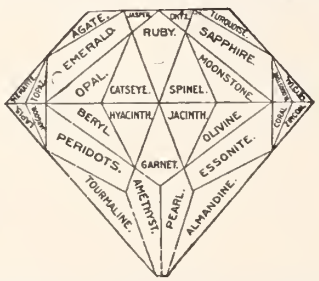
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A trial will convince you of the above. I can refer you to the most reliable houses in the jewelry trade, who will testify to my reliability and to the skilful manner in which I execute my settings on fine.

Platinum Mountings, Watch Cases, Lockets,

Roman colored goods and Gypsy rings.

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GEMS in Unique Cuttings.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Providence.

Among buyers in town last week were N. B. Goldstein, Kansas City, Mo., and Aaron Sands, Cleveland, O.

The Gorham Co. will soon erect a two-story addition to the casino on its grounds for its employes. The lower story will be of brick and the upper of wood; the structure will be 99 x 79 feet, and it will contain shower baths and other modern conveniences.

Charles F. Gorham, son of Jabez Gorham and brother of John Gorham, founder of the Gorham Co., died at the State Hospital, last week, after a long illness. He was 70 years of age and leaves a widow. Ill fortune had pursued him, and it was at his own request that he was sent to the hospital.

The Holdfast Comb Co. is the firm style of a concern which has recently been incorporated by George N. Steere, Cranston; Alfred Burke, Leominster, and William J. Brown, of this city. The concern is organized for the purpose of engaging in the business of manufacturing combs, as the name implies, and it is probable that a new factory will be erected in Leominster.

Employes of the burnishing department at the Gorham Works, Edgewood, had a pleasant day's outing at Boyden Heights, Saturday. Foreman C. W. Crawford was the entertainer, and gave the guests a brief sail on the yacht *Wasp*. Then there was a shore dinner at the Heights, followed by a season of enjoyment in which the various attractions at the Heights were enjoyed. The return was made in the early evening.

Members of the Mutual Relief Association of the S. & B. Lederer Co. had an enjoyable outing Saturday at the Warwick Club. About 300 were in attendance, and the event was a pronounced success. Three special cars conveyed the party to the resort, and a ball game was started as soon as the field was reached. This was between the Lederer Association and employes of the Providence Stock Co., the former winning by a fair margin. After a shore dinner, a programme of athletic sports, in which both men and women participated, was carried out. The outing committee included: J. Sullivan, J. Kelly, N. Arendt, W. Lederer, S. Glaser and N. Ernstberger.

A hearing was held before Judge Stearns in the Superior Court Aug. 15 on the petition of Asa H. Richmond, Cranston, against the Standard Novelty Co., Catherine Gerhard, Eva M. Gerhard, John Schott and Joseph H. Gerhard, all of East Providence, for the issuing of a preliminary injunction and the appointment of a receiver. In his petition the complainant averred that the Standard Novelty Co. is incorporated under the laws of Rhode Island and that common stock to the amount of $11,000 was issued; that he is the holder of 30 shares valued at $3,000; that $5,000 of preferred stock was issued, to Catherine Gerhard $2,000, Eva Gerhard $2,000 and John Schott $1,000, and that on May 12, 1906, Joseph Gerhard, as treasurer of the corporation, caused a chattel mortgage of $5,000 to be issued to Catherine and Eva Gerhard and John Schott. The petition claimed that the alleged chattel mortgage was placed on the business for the purpose of injuring it to the detriment of the petitioner. The court granted the petition for the preliminary injunction, but denied that for a receiver.

Attleboro.

Jas. E. Blake, of the James E. Blake Co., recently lost a diamond from his ring that he has worn for a number of years. The stone was one of good quality and weighed about a carat and a half.

Arrangements are being made for a trolley loop on South Main, Mill and Union Sts., largely as a convenience to those engaged in the 19 or 20 jewelry factories, past whose doors it will run.

The F. H. Sadler Co. is at present running its factory 12 hours a day. The concern has added several new machines to the plant, which will greatly facilitate the work of filling orders more rapidly.

Orders have been given for two large boilers for the new jewelry factory to be erected by S. O. Bigney & Co. Work on the construction will start March 1, and end as near as possible to Nov. 1.

Ralph H. Cole, head of the Haydn Mfg. Co., and who has been in business the past year in Chicago, has returned to that city after a short visit to his local office. He will close out his affairs at Chicago and open in a new line at Waterville, Me.

F. C. Somes, of Bates & Bacon, while on his last trip for the concern suffered an attack of appendicitis, which was at first erroneously diagnosed as mere indigestion. He was subsequently operated upon at the Rhode Island Hospital, and is now convalescent.

B. R. Blackinton & Co. are building an addition to the manufacturing department of their factory. It is expected that the engraving force will be able to occupy the new quarters in a short time. For some time past the concern has been somewhat handicapped by lack of adequate floor space.

The S. D. Grossman Co., Brockton, Mass., has filed its annual corporation report, through Treasurer S. D. Grossman, with the secretary of the commonwealth. The figures are: Cash and debts receivable, $20,349; merchandise, $6,395; capital stock, $10,000; accounts payable, $16,252; surplus, $472.

All the jewelry factories in the Tappan group of buildings had an enforced half holiday last week, owing to an accident to the power plant. Work was also stopped on the new cement factory for the D. F. Briggs Co., as the mixing machine through which the material passes was run from the same source.

The new officers and standing committees for the year at the Y. M. C. A. include several well-known members of the trade, as follows: Edward Sanford, retail jeweler; William E. Coles; A. Vinton Cobb, of W. R. Cobb & Co.; Ernest D. Gilmore, of E. D. Gilmore & Co., Charles A. Marsh, of C. A. Marsh & Co., and Edgar A. Remington, of Carter, Qvarnstrom & Remington.

The publication in these columns, in advance of its discovery by the daily press, that Charles M. Robbins, of the Chas. M. Robbins Co., has been urged to enter the race for Congress this Fall, was a genuine surprise to his trade and political friends. The news, however, has been received in a manner eminently flattering to Mr. Robbins, and if he decides to allow himself to be drawn into the contest it is said that he is already assured a substantial following.

S. O. Bigney & Co., who have been searching for the individual who sold an inferior chain, stamping on the swivels the letters S. O. B., and using a tag similar to the one that has been attached to the concern's stock, have found that a man has recently been disposing of some spurious vest chains marked in this manner to Biggard & Co., and Mr. Rosenthal, Pittsburg, Pa. The S. O. Bigney Co. states that it is about to notify the trade by personal letter to beware of the imposter. Hon. S. O. Bigney, of the firm, has publicly announced he will not stand for re-election this Fall to the Governor's executive council. His reason is the increasing pressure of his jewelry business. The Republican State Committee received the notice with surprise and dismay, as his re-election, it is said, had been conceded and his withdrawal creates a new problem. Mr. Bigney persists, stating he has his work mapped out for the next five years, with the outlook too strenuous to stay in State politics.

Charles H. Allen, of C. H. Allen & Co., with his son and three guests, figured in an auto accident at Turner's Falls, N. H., last week, all escaping injury almost miraculously. The auto was running down a steep mountain road, near a point where the land dropped away on the outside of the highway in a 100-foot precipice. Rounding a curve the big car skidded, two wheels collapsed, the front end struck the roadside with a crash which frightened a horse 200 yards away, and all the riders were thrown violently out.

North Attleboro.

The additions to the Riley & French and F. M. Whiting & Co. factories have been completed.

Ira McGavin, of Riley & French, and George S. Semple, of the W. & S. Blackinton Co., were in town last week.

The Paye & Baker Mfg. Co. will secure 5,000 more feet of space room by the addition that is being made to its present quarters on Richards Ave.

John D. MacMillan, who, for several years, was southern traveling representative for C. Ray Randall & Co., has assumed charge of the New York office of W. D. Marble & Co.

Jewelers were pleased to learn last week that the tax rate next year would be $22 a thousand, $1 less than it has been during the past year. This reduction, in view of the large improvements, shows the prosperity and progress of the town.

Several strikes occurred during the past week among the laborers at work digging the cellar for the new Manufacturers' building. In several instances there was a satisfactory adjustment, and other cases terminated with the departure of the men.

An accident took place at the factory of the Webster Co. last Friday, but fortunately it will not result seriously. An employe, Adlor Jacobs, poured some lacquer into a receptacle used for burning refuse. The

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¶ We also have a nice line of Baroque Pearl Rings, Brooches, Collars, Ear Studs, Scarf Pins, Lorgnette and Neck Chains always on hand. Memo. business will receive prompt attention.

3 Maiden Lane - New York

TO obtain in Europe, without bulling the markets, such goods as the American manufacturers and retail dealers may endeavor to put forward is a problem that cannot be solved in America.

The goods are not found there and they may not be available even in the European markets at right prices at the particular time the American buyer comes to look for them.

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fluid ignited and an explosion followed. The receptacle was hurled in the air, the lacquer spattered over Jacobs and fell on his arms inflicting horrible burns.

The annual report of the George L. Paine Co. has been filed with the State authorities, by the treasurer of the concern, Claremon Hunt. The figures are: Manufactures and merchandise, $2,191; machinery, $7,552; cash and debts receivable, $56,318; merchandise, $1,946; total, $68,007. Capital stock, $15,000; accounts payable, $23,231; floating indebtedness, $24,163; profit and loss, $5,613; total, $68,007.

Walter G. Clark, of the W. G. Clark Co., last Friday announced to the public that he is to build a jewelry shop at the corner of Chestnut and Jefferson Sts. The land has already been purchased from Harry F. Barrows, and the work of building will begin at once. According to the terms of the contract the building must be complete and ready for occupancy at the expiration of six weeks. The new shop will be of wood, and one story high, with the exception of the office part, which will be two stories. The dimensions will be 160 by 35 feet. W. R. Walker, Providence, is the architect and Malcolm MacMillan has received the contract to do the building. The new shop was made necessary when the Clark concern received notice from the owners of the Totten building, the other day, that its rooms were needed. No other factory room was available in town, and the concern did not care to move elsewhere.

Boston.

Sam Mendelsohn is about to move from 387 Washington St., to 373 Washington St., room 609.

H. E. Pitcher is home again after a seven weeks' outing in the camp of the Anasagunticook Club, at Shelburne, N. H. He is a member of the club, which makes Shelburne its headquarters during the hunting and fishing seasons.

Mr. Donnelly, who is with the house of C. J. Wells, Utica., N. Y., and Mr. Youngmeyer, with Gray, Gribben & Gray, Indianapolis, Ind., have been in Boston during the past week, each spending a part of his vacation here and calling on friends in the Boston trade.

Carl D. Smith, of the Smith, Patterson Co., is at his Summer camp in Munsonville, N. H., where he will remain the balance of August. F. E. Chick, head of the diamond department, is at North Conway. Joseph C. Bachelder, silverware buyer, is at Swampscott for a couple of weeks.

Out-of-town buyers in town during the past week included: Victor Enholm, Worcester; H. L. Hall, Baldwinsville; C. S. Tyler, Ipswich; C. M. Hosley, for Woods & Co., Springfield; George H. Gutteridge, Maynard; C. W. Bergman, Webster; P. Dinan, Biddeford, Me.; Mr. Kingman, Jr., of B. S. Kingman & Co., Newmarket, N. H.

Henry W. Clark, of the Jewelers' building, had a narrow escape last week from serious injury, having fallen in the night down a flight of stairs at his home. He was picked up unconscious and remained in that condition for several hours. Last Saturday he was able to be out again, however, and it is hoped that no permanent disability will result.

Buffalo, N. Y.

A. E. Sipe, diamond importer at 8 Mooney building, has returned from an extended trip through the southwest.

E. V. Syrcher, optician, with Best & Co., Genesee St., and secretary of the Buffalo Optical Society, returned home recently from the Adirondacks.

Mrs. Paul Foerster, wife of the jeweler at 134 Seneca St., has been discharged from the general hospital, and is much improved in health. Mrs. Foerster had suffered a nervous collapse.

Thieves, recently, broke into the retail jewelry store of Henry Rosen, 654 William St., this city, and stole a number of gold rings. Several valuable watches were overlooked. The stolen property is valued at about $50.

Frank Hammond, 54 Seneca St., has now one of the best appointed and equipped stores in this part of the State, having just completed extensive improvements, among which is a magnificent front. His brother, Thomas Hammond, employed in the store, has returned from a vacation trip in the east. Albert Pease, in charge of the watchmaking department, is spending his vacation in Dansville and vicinity.

T. & E. Dickinson & Co., 472-474 Main St., have sold their former store building at 254 Main St., where they were located for many years, to W. J. Conners, proprietor of the *Courier* and the *Inquirer* for a consideration which has not been made public. Mr. Conners will erect a 20-story building on a site which will include the former Dickinson store. The Dickinson tower clock will be erected on an attractive post in front of the new establishment.

Mrs. Walter Wilson, wife of the Main St. pawnbroker who was instantly killed in an auto accident on the Williamsville Road, has left the Riverside Hospital. Mrs. Wilson's injuries at the time of the accident, it was thought, would prove fatal, but her recovery is said to be almost complete. She will continue the pawnbroking establishment in her husband's name.

Jireh Kinney, who began as a jeweler in this city on the day after the assassination of Abraham Lincoln, is sorely grieved over the baffling affliction of his son, Paul Kinney, at their home in East Aurora. The young man, who is 16 years old, fell from a bicycle a mile from his home on July 9 last. Three hours later he was picked up insensible, and has been in that condition most of the time ever since. Brain specialists are unable to give a solution of young Kinney's affliction. He has spoken but three or four times since he was taken home after the accident, although he eats heartily and sleeps well. His strength, too, is lasting, and he walks each day about the house with the assistance of members of the family. Physicians encourage the aged father and mother with assurances that in time their son will recover, but Mr. Kinney says the improvement is so slow that he fears the affliction may be permanent.

It is reported that unlicensed opticians are traveling through Fargo, N. Dak., and have deceived many persons. Members of the State Board of Optometry are taking steps to prosecute them.

Baltimore.

John Kahn has leased the store at 234-235 Park Ave., the former premises of H. Bealmear & Co.

Max Caplan, of this city, was the recent plaintiff against Chas. Brooks, New York, who was charged with the larceny of a gold watch.

Considerable comment has been caused in the trade in this city owing to the fact that a certain member of a Philadelphia jewelry firm has been calling on the jewelry trade here selling his goods from a funeral director's wagon. The lugubrious suggestion was not appreciated by those on whom he called.

George F. Brandenburg, 1071 W. Fayette St., was committed for the action of the Grand Jury by Justice Loden, at the Western Police Station, Saturday, charged with the larceny of a diamond ring, valued at $104, from Abraham Kotlicke, 1426 E. Lombard St. According to the testimony Mr. Brandenburg purchased a ring valued at $200 from Mr. Kotlicke some time ago, on the instalment plan, and after making several payments pawned the ring and ceased paying.

Charles E. Wilson, who lived on East Ave., Highlandtown, until seven weeks ago, is under arrest in New York, where he is held for the action of the Baltimore authorities. Last January Wilson worked as a salesman for Samuel Strauss, a jeweler, who had an office in the Equitable building. It is said the young man disappeared and the jeweler discovered a shortage in his accounts amounting to $305. The matter was reported to the police, and Detectives Armstrong and Coughlin were assigned to the case, Wilson being traced from San Francisco and arrested in New York.

George Nelson, 47 years old, was committed for court to answer two charges of larceny Saturday by Justice Littig, at the Central Police Station. He was arrested Friday night by Sergeant Walsh and Patrolman Magee, who found him offering eight brass clocks for sale on Harrison St. As the clocks had the appearance of being a salesman's samples, Lieutenant Kalbfleish sent to the home of Edward F. Anderson, 2116 Oak St., by whom Nelson said he was employed. In the meantime it was said that Nelson had sold some clothing and shoes at another second-hand store, so he was accused of the larceny of these things as well. Mr. Anderson was out of the city, but Thomas W. Hay, his son-in-law, said the clocks had been stolen from Mr. Anderson, who is a salesman.

Rochester.

Morris Rosenbloom and his staff of salesmen left a few days ago on their Fall trip. Mr. Levinson, of this company, has returned from a short vacation to Keuka Lake.

Jos. Kopelowitch has returned from a vacation trip to Mt. Clemens, Mich. Mr. Kopelowitch, who took the trip for the benefit of his health, is much improved.

Antonio Blanco, alias Tisnco, was arrested, Aug. 13, for breaking the show window in the store of Geo. L. Andrus, corner of Main and Gibbs Sts. He was apprehended soon afterward. Through the broken window Blanco stole what he thought to be a gold watch, but which proved to be nothing but a cheap timepiece. He was arrested after a spirited chase, but while waiting to be taken to jail Blanco jumped through an open window at police headquarters and made his escape. This is about the third time that the window in the Andrus store has been broken by thieves, and it is the first time any arrests have been made.

Bastian Bros., a few days ago, received notice from the quartermaster's department at Washington that it had been awarded the contract to make the metal ornaments used on the caps and suits of the army and navy uniforms. It will take the firm about six months to fill the contract.

Optical Notes and Briefs.

Mr. Laskey will open an optical store in a few days at 1124 Van Ness Ave., San Francisco, Cal.

Last week the employes of the spectacle department of the American Optical Co., Southbridge, Mass., held their annual outing at Pinehurst.

An optical department has been opened in the jewelry store of T. J. Fitzsimmons, Pittston, Pa. It will be in the charge of Dr. L. Prinstein, Scranton, Pa.

The Buffalo, N. Y., Optical Society of Western New York will hold its first Fall meeting in the Lafayette Hotel, Buffalo, N. Y., Sept. 7. John Wagner, optician, 91 E. Genesee St., will give a lecture.

The directors of the New York Optical & Orthopedical Co., New York, incorporated in Albany, last week, with an authorized capital of $1,500, are: M. Tarr, Bernard Lazarus, and B. Goldstone, New York.

The firm of J. Jessop & Sons, San Diego, Cal., is making improvements in its plant, including the installation of new machinery for the manufacturing of jewelry and a complete outfit for the grinding and polishing of lenses.

The Lawson-Rinner Optical Co. has enlarged its quarters on 4th St., near D St., Santa Rosa, Cal., and is installing new machinery. Mr. Rinner was formerly at the head of the prescription work for the Standard Optical Co.

Wm. Cross, of the Cross Optical & Jewelry Co., Chester, Pa., returned from Ocean City, Md., where he spent his vacation. Dr. Geo. Cross, of the same firm, left, last week, for the same place, where he and several friends will spend their vacations.

An exhibition was given last week by the Bausch & Lomb Optical Co., Rochester, N. Y., at the annual convention of the Photographers' Association of America. The opticians gave some practical and interesting demonstrations with their photographic lenses.

The "Ocularium," conducted by Henry Kahn & Co., at 1309 Van Ness Ave., San Francisco, Cal., is displaying an interesting relic of the fire in the show windows. A large lump of melted glass from the old store is shown bearing the sign "$10,000 worth of spheroid lenses, destroyed by fire, April 18."

Kelley Bros., Salem, W. Va., have dissolved, H. E. Kelley continuing the business.

EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS,

65 NASSAU STREET, (Prescott Building.) NEW YORK.

STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS,

CUTTING WORKS:
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AZTEC TURQUOISES

TRADE-MARK. TRADE-MARK.

Mines: MINERAL PARK, ARIZONA.

Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.

THE AZTEC TURQUOISE COMPANY,
12-16 JOHN STREET, NEW YORK.

"There is Nothing in the Art that we cannot do."

SPECIAL ATTENTION
GIVEN TO OUT OF TOWN ORDERS.

The International Gem Co. Inc.

12-16 JOHN ST., NEW YORK
TELEPHONE, 1241 CORTLANDT

LAPIDARIES and IMPORTERS of PRECIOUS STONES

SPECIALISTS IN REPAIRING AND REPOLISHING RARE AND VALUABLE GEMS
DRILLING — ENGRAVING — SLITTING

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14 MAIDEN LANE NEW YORK

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IMPORTERS OF PRECIOUS AND IMITATION STONES

Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.

JOBBING STONES A SPECIALTY

47 and 49 Maiden Lane, NEW YORK



PATENTED

The New Lapel Button for "Eagles"

just gotten out by us in three sizes is:

1. SYMBOLISTIC
2. UNIQUE
3. CATCHY
4. TASTEFUL
5. SUPERIOR

Bound to be as universally worn by the F. O. E. as the famous elk head insignia is by the B. P. O. E.

Made in solid gold, with or without initials. Ruby jewel eyes.

Have you sent for samples yet? Do it now!

LOUIS KAUFMAN & CO.

RINGMAKERS

82-84 Fulton St., New York

LKO SHORTHAND FOR RING SUPERIORITY

Connecticut.

William H. Lyon, secretary of the Parker Clock Co., Meriden, has been nominated for the office of Senator, from that city.

C. P. Bradley and W. H. A. Maynard, Meriden, recently sailed on the steamship *Victoria* for a 10 days' trip to Halifax, N. S.

E. J. Pierpont, Naugatuck, has just been notified to vacate his store by Oct. 1, as another company has obtained a lease of it.

Wm. E. Sessions, Bristol, is spending a short vacation at Fort Griswold, near New London. He is accompanied by his wife and son.

W. S. Ingraham, Bristol, accompanied by his family, has returned home from Alaska, where they have been traveling for several weeks.

The E. H. H. Smith Silver Co., Bridgeport, has fulfilled its contract to supply the table ware for the new Hudson River steamboat *Hendrick Hudson*.

Extensive improvements were made in the factory of the Seth Thomas Clock Co., Thomaston, during the vacation period, which ended Monday, of last week.

Marshall K. Thomas, Wallingford, will, in another year, have completed 25 years of service at the Wilcox Silver Plate Co.'s factory, Meriden.

J. S. Williams, Glastonbury, recently purchased the handsome front doorway of the old Parson Williams mansion, which is now being demolished in East Hartford.

Oscar Zube, Meriden, will soon celebrate the 25th anniversary of his business career as a watchmaker in that city. A quarter of a century ago he entered the employ of Henry M. Mather.

P. T. Ives and W. V. Blair were among those who signed the petition of the retail clerks of Meriden for a half holiday on Wednesdays. The petition was accepted and the new plan inaugurated Aug. 14.

Wm. J. Larkin, superintendent of the Waterbury Clock Co., Waterbury, last week was presented with a hall clock by the foremen of that company. Mr. Larkin is alderman from the Second Ward of Waterbury.

G. H. Reynolds, until recently with J. H. Morton, Branford, left Monday, with his family, for Indiana. Mr. Reynolds intends to travel through Michigan, Ohio and Illinois with the view of finding desirable quarters in which to start in business on his own account.

Employes of factory "P," International Silver Co., held their fifth annual clambake at Toelle's Park, Wallingford, last Saturday afternoon. An entertaining programme had been arranged and several athletic events were held. A balloon ascension was also scheduled for the occasion.

Franklin H. Sage, clock repairer, located at 186 Pearl St., Hartford, who recently escaped from an asylum in Elgin, Ill., wrote a letter to a local daily about a week ago, stating that his mental condition is such as will enable him to care for himself by earning his own living at watch and clock repairing.

Canada Notes.

The assets of J. O. U. Pauze, Montreal, are advertised for sale.

W. D. Gooderich, Lacombe, Alberta, has sold out to C. R. Denike.

F. X. St. Hilaire, Fraserville, Ont., is seeking an extension of time from his creditors.

W. G. Kent, of Ambrose Kent & Sons, Toronto, Ont., is taking a vacation at Honey Harbor, Muskoka.

D. R. Dingwall, Winnipeg, Man., has sold to the Home Bank of Canada a business block with a frontage of 40 feet on Main St., for $100,000.

The Waltham Watch Co. has subscribed $250 to the Toronto General Hospital through Walter J. Barr, of the Citizens' Committee, Toronto, Ont.

The store of Goldstein & Co., Craig St., Montreal, was broken into last week, and 25 gold and silver watches and 10 dozen assorted rings were stolen. George Mora, a laborer, has been arrested and charged with the burglary.

Out-of-town jewelers calling on the Toronto, Ont., trade, last week, included: W. H. Rowlands, Port Elgin, Ont.; J. Park, Bradford, Ont.; G. King, Guildford, Ont.; T. B. Savage, Waterford, Ont.; and Chas. Wendt, Mildmay, Ont.

J. J. Zock, of J. J. Zock & Co., Toronto, Ont., has received word that his brother, Mathias Zock, formerly in the firm's employ, has been killed in the Philippines, where he was serving with the United States Army. No particulars have been received.

An awful mistake took place in Fredericton, N. B., Wednesday night, resulting in the death of two leading citizens, Messrs. Edgecombe and Tibbitts. Both men were sitting in the rear of Shute & Co.'s jewelry store with D. E. Crowe, a member of the firm, when the latter was called to the front of the store. The two men, seeking a drink of water, found a jar on the sink and drank of its contents. It contained cyanide of potassium. When Mr. Crowe returned he learned of their fatal error, and hurried them to a drug store, where three doctors were called in. In spite of all efforts, however, death took place in both cases.

Trade Gossip.

A new line of art leather products is now being shown by Louis W. Hraba, 29 E. 19th St., New York. The Fall exhibit of the products, which he manufactures and imports, is now to be seen, and includes a number of new styles in traveling bags and toilet cases.

One of the most beautiful patterns in toilet ware that have been designed by Frank M. Whiting & Co., North Attleboro, Mass., is about to become part of that concern's line. The design is a raised effect, and covers only a part of the back of each piece, making a striking contrast in appearance.

In his store at 404 Main St., Winnipeg, Man., Thos. J. Porte, Ltd., is showing samples of jewelry made in Canada, the United States, England, Scotland, Japan, France, Belgium, Holland, Germany, Austria, Switzerland, Spain and Italy.



The following traveling representatives were in Savannah, Ga., recently: James L. Gaines, Jr., H. J. Harris; V. A. Picard, Pryor Novelty Co.; Arthur Totten, J. B. Bowden & Co.; A. I. Mayer, Arnstein Bros. & Co.; Harry C. Birch, Grant Jewelry Co.; representatives of the New England Watch Co., Ketcham & McDougal and Wilcox & Wagoner Co.

The trade in Lancaster, Pa., was visited, recently, by the following representatives: Ralph W. Brahe, William J. Ward; A. C. Fellencer, N. H. White & Co.; Walter R. Lipsett, Joseph Nelson & Co.; Lew Hodges, E. A. Potter & Co.; A. L. Hancock, C. Sydney Smith; Lawrence C. May, Moskowitz Bros.; W. F. Parker, M. A. Mead & Co.; A. C. Hanes, C. Dorflinger & Sons; F. Sweasy, Champenois & Co.; Theodore K. Fishel, Fishel, Nessler & Co.; James R. Murphy, Taylor Bros. & Co.; Mr. Claxton, Dennison Mfg. Co.

Traveling representatives calling on the Boston, Mass., trade, during the past week, included: Col. John L. Shepherd, Keystone Watch Case Co.; Eugene H. Cox, Sussfeld, Lorsch & Co.; Isaac Bach, I. Bach & Co.; Robert Simpson, Riker Bros.; Robert Steele, David Kaiser & Co.; Benjamin Griscom, Bippart, Griscom & Osborne; A. Van Houten, C. Sydney Smith; W. H. Thornton, H. A. Kirby Co.; J. B. Carmichael, Bride & Tinckler; R. H. Schley, Sloan & Co.; George A. Neumann, Alling & Co.; George W. Read, Larter & Sons; Julian Hall, Carrington & Co.

Traveling representatives who called on the Cincinnati, O., trade, last week, included: Wm. Matsche, A. Joralemon & Son; C. Hartshorn, Krementz & Co.; B. Eichelberg, Eichelherg & Co.; Jack Thompson, J. B. Bowden & Co.; F. C. Allen, Sansbury & Nellis; Wm. Huger, Wm. Huger & Co.; C. H. Anderson, Ross, Saltman & Anderson; J. T. Griffith, Jr., Carter, Howe & Co.; R. B. Carr, Link & Angell; H. H. Meyer, Wm. B. Kerr & Co., Inc.; Helmer Thompson, F. H. Noble & Co.; Walter R. Shute, Rohn & Co.; Fred H. England, Frolichstein, Klein & Co.; Mr. Bloomer, Geo. L. Paine & Co.; W. Noyes, Bates & Bacon; Thos. Jewett, Gorham Co.; Leo Henle, Sussfeld, Lorsch & Co.

Among the traveling representatives who visited the trade in St. Louis, Mo., last week, were: T. C. Winship, H. C. Fry Glass Co.; Oscar A. Lessing, S. & B. Lederer Co.; I. J. Rosenthal, Rothschild Bros. & Co.; H. G. Pfordiesher, George L. Brown & Co.; E. M. Bliss, Bliss Bros. Co.; J. M. Morrow, American Watch Case Co.; Herbert Sombron, Hipp. Didisheim & Bro.; Mortimer C. Adler, Charles Adler's Sons; John J. Murray, Higbie-Barbour Mfg. Co.; C. L. Krugler, Mandeville, Carrow & Crane; Mr. McClannim, International Silver Co.; H. B. Rogers, Thiery & Rogers; S. W. Abbey, E. Ira Richards & Co.; E. A. Reed, Reed & Barton; L. M. Frank, Buffalo Jewelry Case Co.; Ernest A. Rose, Weigle & Rose; C. L. Hartshorn, Krementz & Co.

The following traveling representatives called on the trade in Omaha, Nebr., during the past week: L. J. Fox, Gustave Fox Co.; George W. Birnbaum, Julius Wodiska; David Beer, Bernheim & Beer; Thomas E. Rogers, Riker Bros.; Julius S. Mayer, Mauser Mfg. Co.; G. Fred Perry, F. H. Sadler Co.; H. F. Tourtellot, Waite, Thresher Co.; R. P. Swanwick, Link & Angell; Barry Davies, Simons & McGill; E. B. Frank, Pairpoint Corporation; Mark Franklin, Bradley Ring Co.; Albert M. Stern, Goodfriend Bros.; Wm. Strauss, Louis Kaufmann & Co.; Henry Freund, Henry Freund & Bro.; John A. Lossau, Martin, Copeland & Co.; W. Barker, R. Wallace & Sons Mfg. Co.; L. M. Frank, Buffalo Jewelry Case Co.; Fred J. Foster, Unger Bros.; G. W. Payson, Seth Thomas Clock Co.; R. H. Schley, Sloan & Co.; A. J. Sherrard, Enos Richardson & Co.; C. F. Hartshorn, Krementz & Co.; William Seckels.

The following traveling representatives visited the trade in Kansas City, Mo., during the past

THE DEMAND FOR
ALL SIZES AND QUALITIES OF
MONTANA SAPPHIRES

SEEMS TO BE INCREASING WHILE THE SUPPLY OF DESIRABLE MONTANAS WILL PROBABLY FALL SHORT OF THE MARKET REQUIREMENTS THIS SEASON

WE HAVE A GOOD STOCK
OF THESE STONES, OUR OWN AND FOREIGN
CUTTING

AMERICAN GEM & PEARL COMPANY
14 & 16 Church St.
NEW YORK
LONDON: 16 Holborn Viaduct
PARIS: 39 Rue de Chateaudun

FROM MINES TO MARKET

CHAS. S. CROSSMAN & CO.
The "Old Mine" Diamond House
Are always ready to make cash offers on Diamonds, Fine Antique Jewelry of all descriptions, Pearls and Precious Stones.
ESTABLISHED 1880 ESTATES A SPECIALTY
3 MAIDEN LANE.
N. B.—Our Baroque Pearl Jewelry Manufacturing Business has been incorporated as the CROSSMAN COMPANY

Cutters of DIAMONDS
THE BOSTON DIAMOND HOUSE
JOHN B. HUMPHREY CO.
Cutters of DIAMONDS
387 Washington St., Boston, Mass.
We are receiving Monthly Shipments of Diamonds from our Brazilian Mines, which are on exhibition at our Boston Office.

PARIS FRANCE 19 RUE DE CHATEAUDUN and 58 RUE LAFFITTE
Cable Address, NEHOC, PARIS (Lieber's Code Used)
JULES E. COHEN PRECIOUS STONES
Buying Agent and Broker



A New Eyeglass Holder Prevents Loss of Glasses from Hook
PRACTICAL—SIMPLE—SAFE—SECURE
A new and novel idea which has overcome the possibility of loss once glasses are entrusted to it. Glasses attached to this hook can only be removed at will of wearer and in the simplest manner. The feature of this hook is a "HUMP" engaged by a "LOOP" making a secure connection.

PAUL GOUGELMAN, Manufacturer, 37-39 Maiden Lane, New York.

week: A. B. Chace, F. S. Gilbert; F. R. Sheridan, Arnold & Steere; Theo. Wagner, Kionka & Wagner; H. G. Pfordiesher, George L. Brown & Co.; L. M. Frank, Buffalo Jewelry Case Co.; Mortimer C. Adler, Charles Adler's Sons; Thomas E. Rogers, Riker Bros.; G. Fred Perry, F. H. Sadler Co.; Oscar A. Lessing, S. & B. Lederer Co.; H. M. Solomons, Louis B. Prahar; N. Shiman, Shiman Bros. & Co.; E. M. Bliss, Bliss Bros. Co.; George L. Paine, Geo. L. Paine Co.; H. F. Tourtellot, Waite, Thresher Co.; R. E. Williams, St. Louis Silver Co.; A. G. Kimball, Landers, Frary & Clark; Fred H. Felger, F. & F. Felger; A. E. Dutton, J. A. Whaley & Co.; Hubert Somborn, Hipp. Didisheim & Bro.; Walter S. Noon, Cory Bros. Co.; David Beer, Bernheim & Beer; John J. Murray, Higbie-Barbour Mfg. Co.; J. M. Morrow, American Watch Case Co.; F. D. Newburger, R. Blackinton & Co.; W. S. Willis, Gorham Co.; C. L. Hartshorn, Krementz & Co.; Mr. Watts, J. Hoare & Co.; Leo Heilbrun, L. Engle Co.; C. B. Bartlett, Whiting Mfg. Co.

An unusually large number of traveling representatives, last week, visited the trade at Pittsburg, Pa., among them being the following: Louis A. Blackinton, W. & S. Blackinton Co.; J. A. Granbery, J. A. & S. W. Granbery; P. H. Smith, Roger Williams Silver Co.; A. E. Hayward, Seth Thomas Clock Co.; Hubert Somborn, Hipp. Didisheim & Bro.; Leo Henle, Sussfeld, Lorsch & Co.; Walter R. Shute, Kohn & Co.; Fred H. England, Frolichstein, England & Klein; Jul. F. Schuman, Jr., William Kinscherf Co.; George L. Paine, George L. Paine Co.; S. W. Abey, E. Ira Richards & Co.; W. J. Parker, Osmun-Parker Mfg. Co.; M. Decker, Plainville Stock Co.; H. F. Macdonough, Jr., Dubois Watch Case Co.; E. M. Bliss, Bliss Bros. Co.; Walter R. Bristol, Wm. Rogers Mfg. Co.; R. M. Peare, Wm. L. Gilbert Clock Co.; Mr. Deland, Day, Clark & Co.; F. E. Whiting, Whiting & Davis; C. H. Davidson, Codding & Heilbron Co.; F. R. Truell, W. H. Saart Co.; W. H. Osborne, R. Wallace & Sons Mfg. Co.; Edgar Huhn, Potter & Buffinton Co.; W. C. Barry, Larter & Sons; Walter S. Noon, Cory Bros. Co.; H. F. Lambord, Gorham Co.; J. F. Dean, Reed & Barton; Wm. Matschke, A. Joralemon & Son; Maurice Kohn, Silberman, Kohn & Wallenstein; W. F. Bergen, J. D. Bergen Co.; Mr. Ford, Ford & Carpenter; Abel King, I. Emrich & Co.; Frank W. Bloomer, E. I. Franklin & Co.; H. A. Scofield, Scofield, Melcher & Scofield; A. H. Cohn, Eastwood-Park Co.; O. G. Fehon, J. M. Fisher & Co.; Wm. Green, Geo. L. Brown & Co.; H. B. Bliss, Gorham Co.; R. C. Wilde, Meriden Cutlery Co.; W. Strauss, Jacob Strauss & Sons; Fred H. Felger, F. & F. Felger; E. A. Reed, Reed & Barton.

Use of the Tube Mills in Working Diamondiferous Ground in South Africa.

ACCORDING to South African advices, the use of tube mills in working diamondiferous ground is the most recent addition to South African mining practice. Successful trials have been made, notably in connection with a crushing put through at the Glen Deep, East Rand. The ground was treated in the tube mill in precisely the same way as banket ore, and diamonds were recovered.

One of the chief advantages claimed for this method is that a much improved recovery is obtained. The loss in some cases at present is from 12 to 15 per cent., and in all cases it was recognized that the old method was unsatisfactory in this particular.

For troublesome ground the tube mill is considered to be a great improvement on the pan method.

E. E. Keckley, Alma, Kans., was the defendant recently in a suit brought against him for $360 by the United Jewelers' Mfg. Co., Lake City, Ia. The defendant, who ordered $360 worth of stock from the plaintiff, claims that there was a breach in the contract and consequently refused to pay.

News Gleanings.

John Messing, Burt, Ia., has sold his business to a Mr. Meinzer.

Frank Six has sold his business in Wellington, Kans., to P. E. Miller.

Geo. A. Sites, formerly of Lake View, O., has moved to Westerville, O.

J. R. Keating has purchased the jewelry business of J. E. Judge, Ames, Ia.

J. J. Donohue, Faribault, Minn., will move to new quarters about Sept. 1.

F. B. Wallen, Camden, N. J., is at present enjoying a vacation in Portland, Me.

Thos. J. Apryle, Johnstown, Pa., recently visited Lebanon, where he formerly resided.

The McKenny Jewelry Co., Portland, Me., recently made extensive improvements in its store.

S. Slonim, New Brunswick, N. J., was recently married to Miss Esther Ellis, of New York.

E. H. Malsberry, Rockwood, Pa., spent a few days, recently, at his old home in Hyndman, Pa.

G. R. Blake, Columbus, Kans., has sold his book business, but will continue in the jewelry business.

George Cook, Madison, S. Dak., has sold out his line of drugs. He will continue his jewelry business.

A feature of the Williams Industrial School at Little Rock, Ark., is a watch repairing department.

G. F. Duncan, Eau Claire, Wis., is conducting a closing out sale of his stock, prior to leaving the city.

James Faust, Stevensville, Mont., will soon move his stock to a new brick structure south of his present location.

Bascom Sturgell, of Sturgell Bros., Ashland, Ky., left last week for Farmer City, Ill., where he will spend his vacation.

Jas. F. Norton, Petros, Tenn., is erecting a new building on S. Main St., at that place, in which to continue business.

L. Lechenger, Houston, Tex., will shortly leave for Mexico, where he will act as watch inspector for a Mexican railroad.

Many jewelers of Louisville, Ky., submitted designs last week for trophies which will be awarded at the coming Horse Show.

A pearl, valued by Cincinnati jewelers at about $40, was found, last week, by the mussel hunters in the canal at Lake Side, O.

S. Eisenberg, New Rochelle, N. Y., last week caused the arrest of Patrick Brown, a blacksmith, on a charge of assault in the third degree.

Recent reports from Kenosha, Wis., state that pearl fishing is carried on extensively and remuneratively along the Fox River, near Wilmot, Wis.

A resident of Georgia has invented and patented a combined electric light and alarm clock. When the alarm goes off a lamp will be lighted automatically.

The man who is said to have robbed the store of Frank Tyack, Reading, Pa., was arrested during the latter part of the week by the police of Pottsville.

Some time last week burglars entered the office of J. G. Huyzenga, optician, Grand Rapids, Mich., and escaped with optical goods valued at about $60.

Viennese merchants at the Earls Court Exhibition, London, Eng., were robbed of jewelry valued at $35,000 last week. The robbery was committed in daylight.

Isaac Dornberg, Spokane, Wash., recently appeared before the Board of Equalization to protest against an increase of $5,010 assessment on his property.

Two men giving the names of Macey and Williams, respectively, were recently taken into custody in Beatrice, Nebr., for selling cheap jewelry without a license.

An attempt was recently made to loot the jewelry store of M. L. Weinstein, Asbury Park, N. J., but the intruders were scared away before completing their plans.

Thieves, recently, made an unsuccessful attempt to break into the store of H. H. Custead, 109 N. Greenleaf Ave., Whittier, Cal. A watchman fired upon the intruders, but they escaped.

A. T. Kingsley, a watch and clock repairer of Millport, N. Y., committed suicide last week, by hanging himself. He was about 70 years old. He had suffered from ill health for a long time.

Members of the Board of Supervisors of Des Moines, Ia., have started a subscription list in order to raise sufficient money with which to purchase a clock for the tower in the new court house.

Geo. W. Pipes, formerly of Cameron, W. Va., recently opened a new store in the Hotel Madero Block, on Chestnut St., at Morgantown, W. Va., where he has better facilities for his increasing business.

Detective Moore, Phoenix, Ariz., recovered the loot that was stolen, a short time ago, from G. H. Cook's jewelry store. The alleged robbers were selling the jewelry in the city when taken into custody.

New York pearl buyers have begun searching for pearls in new territory in northern Minnesota. Buyers have been at Aitkin, Minn., and Taylors Falls, Minn., arousing interest in the work of pearl finding.

A stranger, Saturday night, entered the retail store of Morrill Bros., Concord, N. H., and boldly walked out of the establishment with a tray containing about 30 rings, valued at $2,000. No arrests have been made.

Hiram Warner, Stephenson, near Menominee, Mich., is reported to have recently found a number of valuable pearls in one of the small streams of Menominee County. It is said that the stream abounds in pearl-bearing clams.

Joseph P. Angell, Pine Bluff, Ark., has obtained a patent on a railway track which is intended to eliminate the danger of wrecks due to spreading rails and to combine the qualities of economy and durability with safety.

D. B. Bancroft, Detroit, Mich., has in his possession a rare relic in the form of two large copper spoons made from a mold, which antiquated utensils were in common use among our forefathers. The spoons were handed down from Adam Manwaring, grandfather of Mr. Bancroft, and they came into the possession of the grandfather in 1778, having been handed down from other ancestors.

Watches and jewelry, valued at several hundred dollars, were scattered about the market square at Hanley, London, Eng., about a week ago, by a runaway horse, which dashed through the plate glass show window in the store of Pidduck & Sons.

A new building will shortly be erected on the block at 136 to 138 W. Water St., the site formerly occupied by the retail jewelry establishment of F. S. Ayres, Elmira, N. Y. Mr. Ayres' lease expired May 1. Work on the proposed new building will begin Sept. 1.

An interview with T. A. Westmyer, president of the West Virginia Retail Jewelers Association, Wheeling, W. Va., appeared in a recent issue of a local daily. In the interview Mr. Westmyer stated the object of the National Association and described at length the various ways in which it is helpful to the retail jeweler.

William Larkin, superintendent of the Waterbury Clock Co., Waterbury, Conn., was the recipient last week of a mahogany hall clock, presented to him by the foremen of the company, at his new home on Euclid Ave. In accepting the gift Mr. Larkin referred to I. H. Chase, secretary of the company, as the next Senator.

Mayor Hainer, of New Castle, Pa., recently received a personal letter from Jas. H. Noyes, secretary of the Jewelers Security Alliance of New York, in which the capture of Michael Hogan, the thief who threw a brick through the window in the store of W. J. Eroe of that place, is highly commended. Two checks were enclosed to two patrolmen of the police force of that place as a reward for the arrest and conviction of the thief.

Wm. S. Morrison, who is wanted in Corning, N. Y., to answer to a charge of having secured money at a hotel there by means of a worthless check drawn against the Elmira Bank, was arrested in Schenectady, N. Y., about a week ago, after having visited the jewelry store of W. B. Joseph, on State St., that city, where he attempted to purchase a $50 diamond ring with a check for $250 against a Corning bank. The jeweler suspected that the check was void and refused to accept it.

Wm. W. Harrington, who was for a number of years in the jewelry trade in Syracuse, N. Y., died, recently, at his home in that city. He was a native of Herkimer, N. Y., where he was born in 1829. He learned the jewelry trade in Syracuse and followed it until the War of the Rebellion, when he enlisted in the army. He served through the war and afterwards continued in army life, serving in the Indian troubles and receiving his honorable discharge in 1872, after which he again took up the trade of jeweler at Syracuse.

Harry May, of Schaul & May, Peachtree St., Atlanta, Ga., and Miss Jennie Dannenbaum, San Francisco, Cal., were married, Thursday of last week, at the home of Mr. and Mrs. M. May, 234 E. 71st St., New York, by Rabbi Mayer. After the ceremony the wedding supper was served in the Hotel Astor, and the young couple left for Saratoga, where they will remain a few days before starting for Atlanta, in which city they will take up their residence early in September, at 287 Whitehall St. Mr. May and his bride first met on a train between London and Paris, and met again on the *Kaiserin Augusta Victoria* on the return trip from Europe. The wedding was arranged to take place soon after the boat reached New York.

GORHAM SILVER

WEDDING GIFTS

¶ The display of wedding gifts at a fashionable wedding is hardly held to be complete unless a chest of spoons and forks or some other articles of Gorham silver are included.

¶ The sagacious Jeweler, therefore, will at this season take particular pains to add to his stock such lines of flatware and other ware as will be likely to secure the attention of the buyers of Wedding presents.

¶ In anticipation of Wedding demands, the Gorham Company have prepared a number of unusually attractive special pieces.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
THE HOROLOGICAL REVIEW.
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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

Page.
Silver Memorial Wreath Sent by Danish-Americans to Bier of the Late King. Illustrated on front cover; text on page..... 44
Talk of Diamond Syndicate Leaving London as Protest Against Income Tax Decision.. 45
Thief Who Robbed R. E. Miller's Store in Berkeley, Cal., Captured..... 45
Hammersmith & Field, San Francisco, Cal., Transfer Assets and Offer a 40 Per Cent. Compromise..... 46
Diamond Cutting Project in South Africa Declared Impracticable..... 47
Jewelry and Kindred Lines Exported from New York..... 47
Jewelry Store in Oconto, Wis., Looted of $1,000 Worth of Jewelry..... 47
Freight Situation in San Francisco, Cal., Improved—Stock Accommodation Inadequate. 47
Offer to Creditors Made by the Neisser Jewelry Co., Milwaukee, Wis..... 47
Benninger Jewelry Co., Clehurne, Tex., Asks Creditors to Grant an Extension..... 47
The Death of Philipp Thoma..... 49
Swindler Gets Valuable Watch Left for Repairs With Dealer at Flushing, L. I..... 49
Renewed Interest in the Proposed American Academy of Optometry..... 49
New Jersey State Optical Society Holds Quarterly Meeting..... 49
Commerce of the United States With Non-Contiguous Territories..... 51
Effect of the Advance of Silver Bullion on the Price of Silver Flatware, etc..... 51
Death of Thomas M. Sparks..... 51
American Plated Silverware Sales Making Progress in Canada..... 51
Death of Charles Asmann..... 51
Manufacturers of Diamond Mountings Affected by Rapid Advance in Price of Platinum... 53
Meeting of Creditors of I. G. Dillon & Son Co. Called for Aug. 27..... 53
New Device for Separating Pearls from the Bivalve..... 53
Death of Wilson Hanes..... 53
Use of the Tube Mills in Working Diamond Grounds in South Africa..... 62
Patent Department..... 83
Watch Repairing..... 87
Some Experiences With Gongs..... 89
Horological Curiosities..... 93
Profit and Loss in Business..... 98
How the Jeweler Can Meet the Competition of the Mail-Order House..... 99
Anatomy of the Nervous System..... 101
How Many Have Perfect Eyes?..... 102
The Care of School Children's Eyes..... 102
Accommodation..... 103
Novelties in British Pottery..... 107
Imports of Ceramic Ware by South Africa.. 107
Specimens of Ancient Romano-British Pottery Attract Attention in London..... 107
Queer Old Pottery Exhibited in the Metropolitan Museum of Art..... 107
Can Precious Stones Be Heated to a Glowing Heat?..... 107
A Brief History of Some of the Olden New York Jewelry Manufacturing Concerns.... 109
Imports of Cheap Jewelry Into Australia..... 109
Rambler's Notes..... 109

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

The Jewelers' Golden Year.

NEVER in the history of the jewelry trade has the Fall season opened so auspiciously as has the present one. The past few years have been years of plenty, but the prosperity which the country is now experiencing is unprecedented and is confined to no section of the country or class of industry. North, south, east and west, in all lines of activity, the story is the same. All have benefited by the widespread prevalent good times. Thanks to the activity of our industries, the prosecution of great enterprises and the abundant crops prosperity is everywhere. An oversold steel industry, the immensity of the leading cereal products and reports from the entire country engender sentiments of confidence that make the outlook most bright for a continuance of the present prosperous business conditions. Bradstreet's and Dun's reviews teem with superlatives. Each week a new record mark in some department is made, and the net result is uniformly better than for the corresponding week in any previous year. Probably the best index to the general condition of business is the railway earnings, and these are of the very highest; thus July, an off month for transportation, ended with a gain of 14.1 per cent., the increase comparing with 7.4 per cent. in July, 1905. In fact, the ratio of increase for the current year is the largest reported for any similar month since 1899, when shipments of grain showed sharp advances over similar months in the previous year. The most optimistic reports come from the southern corn and cotton crops; in all lines, industry is active as never before, the only subject of complaint being a scarcity of labor available; bank clearings are much in excess of a year ago; failures are few; in fact, all signs point to a phenomenal Fall trade. It is such times as these, when money is plentiful, that most people think of buying jewelry, precious stones, watches, silverware and similar articles, and the bulk of sales in this trade this year will create a new record. Learning from experiences of the past, manufacturers are now working to their fullest capacity, and the retail jewelers are buying earlier than ever before. The Fall season has already been most active, and from now to the holidays there is every reason to believe that the demand for wares in the jewelry and kindred trades will far exceed the supply.

Protection for the Red Cross Mark.

THE final results of a convention agreed upon at the recent International Red Cross Conference, held in Geneva, will be awaited with interest by many merchants, including jewelers, in the United States. This convention provides that each of the signatory countries shall do all in its power to secure legislation to prevent the use of the insignia for any kind of commercial purpose, such as trade-marks, etc. One of the suggestions made at the convention was that such laws be put into effect within the next five years. The National Red Cross was re-incorporated in 1905, when an act was passed by Congress providing that no person or corporation not lawfully entitled to use the sign of the red cross, should thereafter be permitted to adopt it for the advertisement of any article, or as a trade-mark. Officers of the American National Red Cross declare that the use of their emblem by persons or corporations which did not receive proper authorization to use it in 1905 is in direct violation of the law. The infringement of the law, according to the provision of the act, is punishable by a fine of not less than $1, nor more than $500, or imprisonment for one year, or both fine and imprisonment. The money collected as fines is payable to the American National Red Cross. The American National Red Cross at the time of its re-incorporation made no attempt to enforce a retroactive act which would greatly hamper and inconvenience corporations or persons who were then making use of the cross for commercial purposes. It is said that nearly every country, except the United States, has been scrupulously careful in safeguarding the red cross, which was created for the special purpose of the protection, in time of war, of those who are caring for the sick and wounded. Jewelers have used the device sparingly, and the passage of laws preventing its use will not be of very great moment to them, while on the other hand the enforcement of such laws would be of especial benefit to the general public by preventing unscrupulous dealers in drugs and surgical supplies, and even barbers, from giving unjustified impressions to patrons. The red cross device signifies, essentially, "protection," (of the sick and wounded), is the private mark of a medical confraternity, and should be considerately treated as such.

ON MEMORANDUM



CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

48 Rue de Meslay, PARIS Telephone, 2188 Cortlandt 17 Maiden Lane, NEW YORK

PEOPLE CHOOSE THE ARCH CROWN

THE MOUNTING OF ENDURING EXCELLENCE

BULLETIN

This week we are directing special attention to onr three-stone or circlet Arch Crown Mountings. The graceful artistic lines of which always attract attention. We make them in all sizes and combinations.

Samples on request.



SPECIAL

Have you given the subject of platinum tip Arch Crown Mountings careful attention? The whiteness of tbe platinum blends with the diamonds and does not detract from the apparent size of the stone like all gold tips.

Samples on request.

PRESS DOWN THE TIPS WE'VE DONE THE REST

EASY TO SELL | THE ARCH CROWN | EASY TO SET

Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., N. Y.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

ARCH CROWN MFG. CO., 26 CAMP ST., NEWARK, N. J. Samples on Request

Newark.

Entering through a rear window, a burglar, one night last week, stole a quantity of watches, chains and rings from the store of Pasquale de Gousta, 63 River St.

The firm of Kull & Bach, watchmakers and opticians, at 218 Washington St., has dissolved partnership. The business will be continued by J. Bach, at the above address.

George H. Thomas now represents Scharling & Co., of this city, at Chicago; also the Shepard Mfg. Co., Melrose, Mass. He was for eight years in the Chicago office of the Mauser Mfg. Co.

Several cheap watches were stolen recently from the store of Simon Hyman, 77 Market St. The police arrested three boys, who gave their names as Abraham Wallach, 89 Rankin St.; Frank Ironson, 52 Rankin St.; Marion Weber, 84 Richard St. The oldest is a boy of 14 years. Young Wallach said that he had taken the watches, the police report, and that the other boys had been with him.

Two men were seen struggling on the street in front of the store of Jacob Kosh, Paterson, N. J., recently by a policeman, who invited them to go to the Recorder's Court. Mr. Kosh, who was one of the men, told the judge that the other man, J. McCarry, had entered the store and had asked for a second-hand gold watch, the price of which was $2.50. When McCarry offered to pay 75 cents for the timepiece the dealer refused, and then, he said, he had difficulty in getting the watch back. Afterward McCarry, it was said, picked up a piece of gold plate and ran out with it. Mr. Kosh said that he gave chase and the struggle ensued. Judge Cooper committed McCarry to 10 days' imprisonment in default of paying a fine of $3.

One day last week Kamm & Berntheizel, 46 Oliver St., sent a 14-year-old boy, Sylvester Corbilter, to an uptown establishment to get four necklaces, valued at $200. The boy came back later in the day and insisted on seeing Mr. Kamm personally and handing the necklaces to him. The boy said that he was held up at Garden St. and New Jersey Ave. by a negro, who demanded the jewelry at the point of a revolver. According to the boy's story he fought desperately to retain the property, which he had secured in his clothes, and finally escaped. The police were notified, and after a preliminary investigation, which proved fruitless, they put the boy through the third degree, when he confessed that his tale was fictitious and was prompted by reading sensational novels. He has promised his employers not to do so any more, and the case is ended.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Aug.	13	$.65⅝	30 5-16d.
"	14	.65¾	30 7-16d.
"	15	.66¼	30 5-8d.
"	16	.66¼	30 5-8d.
"	17	.66⅛	30 9-16d.
"	18	.66⅝	30 13-16d.
"	20	.66¾	30 7-8d.

H. J. Addington & Co. have moved from Gate City, Va., to Clinchport, Va.

New York Notes.

Dixon Williams, Milledgeville, Ga., is at present in New York, making his headquarters with N. H. White & Co., 21 Maiden Lane.

Col. John L. Shepherd, of the Keystone Watch Co., is expected back in a week or so after one of his regular trips through his territory.

Maurice Brower, 16 John St., sailed yesterday on the *Kaiser Wilhelm II.*, and will visit the pearl markets of Paris and other European cities.

Further proceedings in the Citroen pearl case are not expected until Assistant District Attorney Carmody returns from a month's vacation.

Jules Ascheim, 37 Maiden Lane, has been receiving congratulations from friends who learned of an event on Aug. 8, when twins arrived.

Walter W. Griffith, for five years eastern manager for Lord & Thomas, Chicago, is now associated with the Homer W. Hedge Co., 11 W. 32d St.

L. Heller & Son, 51 Maiden Lane, are sending out to the trade an announcement that their office at 39 Rue de Chateaudun, Paris, will remain after this in the personal charge of A. A. Heller.

Cyrus Price has opened offices at 170 Broadway under the style of Cyrus Price & Co., and will conduct a diamond importing and brokerage business. He will leave today on an extended western trip.

Reed & Barton are concerned over the Valparaiso earthquake reports, as they have customers there and agents at Santiago and Conceptione. Up to Monday afternoon they had received no word from that section.

Max Block, formerly in the instalment jewelry and clothing business in Canal St., and now a clothing manufacturer at 751 Broadway, was on Monday named as defendant in an involuntary bankruptcy petition filed by creditors.

Tortoise shell goods are to be manufactured by the Zindel Mfg. Co., New York, which recently filed its certificate of incorporation at Albany, with an authorized capital of $110,000. The directors are: Rosa Zindel, C. W. Smith and Peter Hughes, New York.

A man, who gave the name of Harry Gerstein, and said that he lived in New York, was taken to the police station, several days ago, in Pittsburg, Pa., where he was peddling rings and watches. No charge was made, but the policeman took him into custody on suspicion.

Mrs. Wm. Barnswell, recently, called at Lebolt & Co.'s store, Saratoga, N. Y., to have the fastening of a necklace repaired. It is supposed that in replacing the ornament she failed to clasp it securely, and it dropped to the sidewalk soon after she left the store. A reward of $1,000 was offered for its return and a Brooklyn man brought back the necklace which, he said, had been picked up on the street by his sister.

In relation to the long expected suits against certain preferred creditors of Schickerling Bros. & Co., it was said several days ago by Thomas & Oppenheimer, attorneys for the receiver, that while the actions have not been begun, the examination of witnesses has been conducted with a view to bringing such suits. A proceeding was recently started against the State Bank for the purpose of tracing some of the assets.

Glass and silverware will be manufactured by the Utica Crockery Co., which filed its certificate of incorporation last Thursday, at Albany. The authorized capital stock is $10,000, and the incorporators are: Rosell E. Wight, Utica, N. Y.; Arthur E. Wilcox, Annie F. Wilcox, Utica, N. Y.

It had been expected that there would be a hearing before Justice McLean some day during the past week in relation to the latest injunction obtained by George H. Robinson, restraining the Gorham Mfg. Co. from selling affiliated companies, but the case was not reached. It is still uncertain whether or not the sale will take place on the adjourned date, next Saturday. Unless the restraining order is quashed or modified before that day another adjournment will be necessitated.

Suggestions have been made that the new Customs House, now nearing completion, should have a clock of ornate construction, and that provision should be made for the dropping of a time ball at noon from the top of a high pole, visible from the shipping in the bay as far south as Staten Island. A writer in one of the daily papers urges that the clock should have elaborate features, such as a figure of a man with a sledge in his hand to strike the hours, as on one of the clocks uptown.

In delaying final action on the application of Burnett Y. Tiffany for a discharge in bankruptcy, Judge Hough, of the United States District Court, recently, spoke scathingly of the bankrupt's conduct. The Judge said that the present unsatisfactory conditions in the bankruptcy procedure will continue until the grounds for refusing a discharge are enlarged. He looked to the time when the discretion of the court may be exercised in preventing knaves—both thrifty and spendthrift—from availing themselves of a relief intended for honest misfortune.

Schedules in bankruptcy were filed last Friday by Adolfe Moses, who was a retailer at 83 Ave. A. His debts, according to the list, amount to $1,739, of which $762 is said to be secured by the transfer of jewelry. The assets include machinery valued by Moses at $450 and accounts to the amount of $250, besides $50 in property claimed as exempt. The unsecured creditors include: E. Wasserman, $218; Louis Shapiro, $225; Fein Bros., $110. The secured creditors, as given, include Spiro & Hirsch, $375; Simon Spiro, $340. An involuntary petition in bankruptcy was filed Jan. 2 in this case.

Talk is heard among manufacturers of copper, brass and bronze art products of advancing the prices within the next month or so, because of the high cost of metals used. Many articles were advanced last Winter as a result of the high prices of the materials. One of the manufacturers said yesterday that the cost of both materials and labor has since been advancing slowly but surely. He pointed out that a few years ago copper could be bought for 12 cents a pound, while the quotations now range between 18 and 19 cents. Antimony has risen from seven or eight cents a pound, within the same years to 22 cents a pound; tin from 24 cents a pound to more than 40 cents. Lead and zinc are also higher.

In relation to the assertions made by Mrs. Rose Washington, in the Centre St. Court, as to a watch sold by H. Shapiro, 250 Bowery, as mentioned in last week's issue of THE JEWELERS' CIRCULAR-WEEKLY, it has since been learned that the timepiece, according to her own statement, was sold to her for $1. She said that the watch had run all right for a number of months after she bought it before she took it back to demand that repairs be made or that a new watch be given to her. Mr. Shapiro told a reporter of this paper that he had no knowl- of ever having seen the woman, and knew nothing of her complaint except what he had read. He said that he had not even been requested to appear in court, and had not done so, the magistrate evidently not entertaining the complaint.

When a New York diamond house establishes branch cutting works abroad, it may be termed a return of the compliment paid by Europeans who have placed branches in this city. Oppenheimer Bros. & Veith, 65 Nassau St., are now fitting up at Amsterdam a factory with the best modern equipment of 75 mills. August Oppenheimer and B. Sinauer, of this company, are both in Europe looking after the construction and opening of the new works, which will be placed in charge of Joseph Silver, as superintendent. He has long held a similar position at the firm's factory in Brooklyn, conducted as the New York Diamond Cutting Co. The Brooklyn works will be continued as usual, with Andrew Silver, brother of the former superintendent, in charge. The Amsterdam factory will be used to a considerable extent for cutting and polishing the smaller sizes of diamonds, while the larger stones will go to the Brooklyn works.

Importations of precious stones at the port of New York have continued unusually heavy all this month, customs officials say. The total valuation of these imports last week amount to $824,414, and the week before to $1,300,858. The July total, $4,739,-996, was the largest of any month since records have been kept. Judging from the activity shown thus far in the present month, customs authorities expect that the August aggregate will also be notable. So heavy has been the importation of diamonds that Gen. George W. Mindil, precious stone expert, has employed additional assistance in order to expedite the deliveries. The advancing values are said also to have added much to the labor of the office in appraising gems. Metal partitions, in grille work, have recently been completed, enclosing the examiner's rooms in the Appraisers' Stores. The extra precaution was taken on account of the augmented quantities and values of the diamonds and pearls which are being examined.

B. Kahn, Norfolk, Va., has been granted a concession to build a crystal palace for the display of jewelry, 50 by 50 feet, on the grounds where the Jamestown Exposition will be held. The palace will be brilliantly illuminated with vari-colored lights.

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852

81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

The Officers and Directors of

THE MERCANTILE NATIONAL BANK

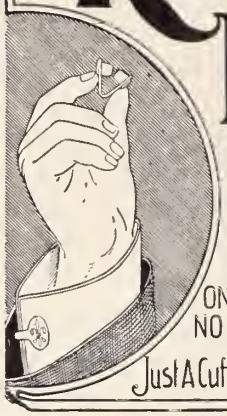
of the City of New York announce the removal of their banking rooms to their new quarters in the Western Union Building, 195 Broadway, corner of Dey Street, and invite your inspection of their equipment

Everything in
Watches, Diamonds
Jewelry, Novelties, etc.

MORRIS ROSENBLOOM & CO.
Rochester, N. Y.

BLANCARD & CO.,
96 MAIDEN LANE,
NEW YORK.
WELL MADE GOLD FINDINGS.

The REX Cuff Button



THE MISSING LINK
ONE PIECE NO LEVER
NO SNAP NO SPRING
Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER
Sole Manufacturer
Hartford Bldg. CHICAGO, ILL.

OPALS
Direct from the Mexican border.
Large assortment of all kinds.
A. V. TODD,
399 N. Oregon St., El Paso, Texas.

THE MANIPULATION OF STEEL IN WATCHWORK.
Price, 60c. The Jewelers' Circular Pub. Co.

MEYEROWITZ BROS.,
IMPORTERS OF DIAMONDS,
37-39 MAIDEN LANE, NEW YORK CITY
A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
Telephone, 4577 John.

Eliassof Bros. & Co.
A LARGE ASSORTMENT OF DIAMOND MOUNTED JEWELRY CARRIED IN STOCK.
IMPORTERS AND JOBBERS OF
DIAMONDS
WATCHES
JEWELRY
9-11-13 MAIDEN LANE, NEW YORK.
100 STATE STREET, ALBANY, N.Y.

JOS. NOTERMAN & CO.
DIAMONDS
IMPORTERS AND CUTTERS
Recutting and Repairing odd shaped and chipped stones a specialty. Manufacturers of Mountings and Fine Jewelry. Special Designs Furnished.
CINCINNATI, OHIO.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ABINGDON, VA., W. G. Hagy, Bartholdi.

ALBANY, N. Y., F. Sherman (W. M. Whiting & Co.), Herald Sq.

ATLANTA, GA., L. S. Hardy (Davidson, Paxon, Stokes & Co.), Grand.
E. V. Haynes (E. V. Haynes Co.), Prince George.

AUGUSTA, GA., R. W. Roberts (J. B. White & Co.), Grand.
R. W. White (J. B. White & Co.), 214 Church St.

BUFFALO, N. Y., I. C. Bunch (Wm. Hengerer Co.), Imperial.
P. H. Danner (C. M. Plarr Mfg. Co.), Grand.
S. A. Mester (The Sweeney Co.), Grand.

CHESTER, S. C., J. C. Robinson, Herald Sq.

CHICAGO, ILL., I. L. Felsenthal (Felsenthal Bros. & Co.), Herald Sq.
Miss A. Hill (Hillmans), 684 Broadway.
I. Schwartz, Broadway Central.
J. D. French (C. A. Stevens & Bro.), Wellington.

CINCINNATI, O., Miss J. Levi (The Fair), St. Denis.
Miss Marsh (H. & S. Pogue & Co.), Normandie.

CLEVELAND, O., S. W. Gerhardt (The Bailey Co.), Hoffman.

COLUMBUS, O., J. G. Likes (Z. L. White Co.), Breslin.

DANBURY, CONN., S. W. Tasch, Grand Union.

DEMOPOLIS, IND., H. Remy (Remy Jewelry Co.), Victoria.

DES MOINES, IA., E. C. Humphrey (C. B. Dockstadter & Co.), Earlington.
F. J. Younker (Younker Bros.), Cumberland.

DALLAS, TEX., C. L. Norsworthy, Astor.

GRAND RAPIDS, MICH., L. J. Rosenthal (M. Friedman & Co.), Prince George.

HAMILTON, O., A. Seidensticker, Astor House.

INDIANAPOLIS, IND., F. M. Herron, 35 W. 32d St.

KANSAS CITY, MO., N. B. Goldstein (Jones Dry Goods Co.), Cumberland.
P. Margolis (Margolis & Metzer), Cambridge Court.

LINCOLN, NEBR., A. D. Smith (Miller & Pain), Woodstock.

LOS ANGELES, CAL., S. Doyott (The New York), Grand.

MACON, GA., M. Lazarus, Herald Sq.

MEMPHIS, TENN., T. F. Deupree (G. T. Brodnax), Astor House.

MILLEDGEVILLE, GA., Dixon Williams, care N. H. White & Co., 21 Maiden Lane.

MILWAUKEE, WIS., S. Martin, Marlboro.

MINNEAPOLIS, MINN., C. M. Erickson, Holland.

MOBILE, ALA., S. A. Burgoyne, Imperial.

NATCHEZ, MISS., K. Lehmann (K. Lehmann & Son), Herald Sq.

OAKLAND, CAL., J. M. Taft (Taft & Pennoyer), St. Andrew.

PROVIDENCE, R. I., S. J. Ferguson (Callender, McAuslin, Troup Co.), Herald Sq.

ST. LOUIS, MO., F. H. Niehaus, Albert.
I. Solomon (The May Co.), 4 Washington Pl.

ST. PAUL, MINN., J. A. Belmeur (Manheimer Bros.), 459 Broadway.

SALEM, MASS., W. G. Hussey (Baird-North Co.), Park Ave.

SAN FRANCISCO, CAL., Lee Less (Diamond Parlor Jewelry Co.), Flanders.

SPRINGFIELD, MASS., M. C. Robinson (Robinson & Son), St. Denis.
C. Kuenzel, Astor House.

SUNBURY, PA., G. W. Heim, St. Denis.

TERRE HAUTE, IND., M. E. Herz (A. Herz Dry Goods Co.), Woodstock.

TOLEDO, O., Miss W. L. James, Prince George.

VALPARAISO, IND., S. F. Beach, Grand.

WASHINGTON, D. C., M. Herzog, Broadway Central.

Trans-Atlantic Voyagers.

TO EUROPE.

William S. Pitcairn, New York, sailed recently on the *Umbria*.

Maurice Brower, New York, sailed yesterday on the *Kaiser Wilhelm II*.

FROM EUROPE.

C. L. Dwenger, New York, and wife returned recently on the *Philadelphia*.

D. V. Brown, Philadelphia, Pa., sailed Friday from Southampton on the *Amerika*.

L. A. Breitinger, of the American Cuckoo Clock Co., Philadelphia, Pa., returned Aug. 4 on the *Kaiserin Auguste Victoria*.

Importations at the Port of New York.

Weeks Ended Aug. 18, 1905, *and Aug.* 17, 1906.

	1905.	1906.
China, Glass and Earthen Ware:		
China	$107,359	$96,810
Earthen ware	17,394	23,268
Glass ware	29,777	22,560
Optical glass	405	4,136
Instruments:		
Musical	16,249	20,242
Optical	11,519	22,679
Philosophical	2,006	3,336
Jewelry, etc.:		
Jewelry	11,304	17,481
Precious stones	267,967	824,414
Watches	31,566	25,950
Metals, etc.:		
Bronzes	13,203	4,519
Cutlery	35,833	31,335
Dutch metal	231	3,304
Platina	35,695	57,296
Plated ware	.....	51
Silverware	206	153
Miscellaneous:		
Alabaster ornaments	990	411
Amber	1,400	1,243
Beads	3,957	2,097
Clocks	8,120	11,785
Fans	4,966	6,424
Fancy goods	9,697	6,465
Ivory	5,163	56,954
Ivory, manufactures of	1,104	397
Marble, manufactures of	17,004	48,403
Statuary	16,546	11,568

Jewelers Gold Bars Withdrawn and Exchanged at New York.

Week Ended Aug. 18, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$512,772.85
Gold bars paid depositors	81,553.17
Total	$594,326.02

Of this the gold bars exchanged for gold coin are reported as follows:

Aug. 13	$95,736.84
" 14	97,798.70
" 15	80,778.21
" 16	65,658.86
" 17	100,998.01
" 18	71,802.23
Total	$512,772.85

C. M. Haynes, of Henn & Haynes, Chillicothe, O., intends to leave, Sept. 1, on a business trip to New York, where he will purchase holiday stock.

Harry Levison, who admitted having stolen $1,239 worth of jewelry from his employer, Louis Sonnabend, Boston, Mass., some weeks ago, was placed on probation last week, as he promised to make full restitution by paying $5 each week to his former employer.

Some Examples of Dishonesty in the Reproduction of Antique Works of Art.

AN article on modern reproductions of antiques, written by Alfred S. Heidelbach, of the American Chamber of Commerce at Paris, was recently published in a bulletin sent out by the organization. In part Mr. Heidelbach said:

"The manner in which the modern reproductions are palmed off as genuine antiquities is manifold, but it will suffice to cite a few examples. Formerly pictures, marble statues, groups in terra cotta, etc., very frequently were not signed by the artists, and this peculiarity facilitates frauds without resorting to forgery. Hall marks on silver and gold, factory marks on porcelains, are represented on the copies, and the perpetrators are not liable to punishment for infringement of trade-marks, as the original parties authorized to use them no longer exist, and therefore cannot sue.

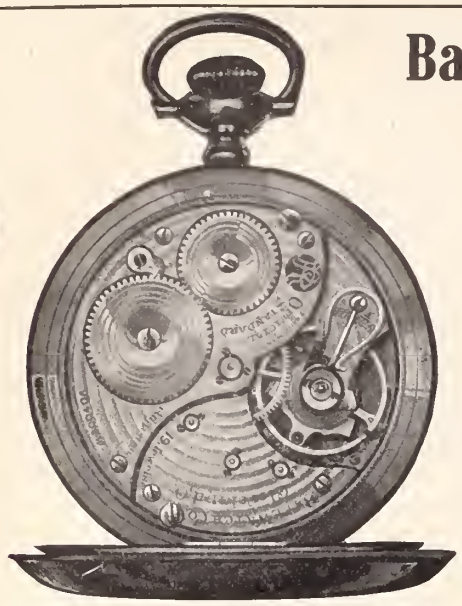
"A purchaser is in quest of an 18th century marble statue. These are rather rare and command high prices. A dealer informs him that he knows of a statue in the chateau of an old family, but that the owner is reluctant to sell. A voyage is undertaken, the owner claims that it is an heirloom, that he requires no money and refuses to sell. Finally, after successive bids, he is tempted by a very high price to part with it. The dealer has had a copy, or possibly not even a copy, but simply a statue in the style of the 18th century, made by some young or impecunious artist for a moderate sum, has interred it in the earth for a time, so as to give it a patina, chips off a small piece here and there, takes it to the ruined 'nobleman' and arranges to divide the spoils if he is willing to play the necessary comedy. In this case the maker of the statue is the only innocent party.

"Porcelains, which are now much in vogue, are reproduced after the old models and with the old marks. The seller openly announces that he makes modern reproductions of old Sevres, Dresden, Capo di Monte, etc., and sells them as such. Unscrupulous dealers buy them, let dust accumulate on them, chip off small pieces and then offer them for sale in the many watering places that travelers frequent as genuinely old. In this case the dealer is the one committing the fraud."

E. J. Harris, Moundsville, W. Va., recently installed a new 7,200-pound safe in his jewelry store.

At Port Jervis, N. Y., a number of alarm clocks in Julius B. Courtright's jewelry store, 10 Front St., were shaken from their shelves at midnight, a few nights ago, by the kicking of a vicious horse in a nearby stable. The din caused by the clocks is said to have aroused the neighborhood.

Joseph Goodman, Memphis, Tenn., has obtained possession of many of the Frost Barrett jewels. The ownership of a necklace valued at $10,000 and of a ring valued at $1,800 was disputed in the courts when the failure of Frost Barrett occurred. Mr. Barrett's broker, C. D. Bridges, got much of the jewelry, and finally disposed of the necklace and ring to Mr. Goodman, of Joseph Goodman & Son. The pearls of the necklace will be unstrung and used for other articles of jewelry.



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Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
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Telephone:
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Vol. LIII. CHICAGO, WEDNESDAY, AUGUST 22, 1906. No. 3.

Chicago Notes.

Chas. E. Howes is on a trip to Denver.

Herbert W. Allen has returned from his European trip.

Sig. Stern, of Stern Bros. & Co., was a visitor here last week.

J. I. Minteer, with the S. B. Champlin Co., is on a western trip.

B. R. Fischer is spending a few weeks at Lake Osterhout, near Grand Junction, Mich.

Frank H. Challen visited the Ohio Cut Glass Co.'s factory at Bowling Green, O., last week.

Samuel C. Scott, with the Carter-Allen Jewelry Co., Ltd., Shreveport, La., has been visiting the trade here for a few days.

C. J. Williams, of A. L. Williams & Co., has gone to Denver, Colo., where he hopes to regain his strength and good health.

E. W. Buck, manager of the Walker-Edmund Co., has just returned from a three weeks' vacation at Cambridge, Ill.

Otto Lieberman, of the office force of the Stein & Ellbogen Co., has returned from a two weeks' outing at Lake Harbor, Mich.

W. J. Buckley, expert tower-clock man for the Seth Thomas Clock Co., is now engaged in putting up a tower clock at Keil, Wis.

Alfred E. Palmer, Grand Forks, N. Dak., who had been spending a few days buying here, has now gone to New York to complete his work.

C. M. Keppel, who until recently had been a salesman for Frederick W. H. Schmidt, has taken a position with L. H. Keller & Co., New York.

Edward A. Buder, Cairo, Ill., with his family, passed through this city last week on his way to Yellowstone Park, where he will spend some time.

F. I. Camp, sales manager for the Helmschmied Mfg. Co., of Meriden, Conn., manufacturers of "Colonial" glass, was here last week and is now on a trip east.

A. L. Howard, Beloit, Wis., stopped off here a few days last week on his way to Pentwater, Mich., where he will spend a vacation together with his family.

Out-of-town buyers in town last week not elsewhere mentioned were: C. L. Shook, Shook Mfg. Co., Omaha, Nebr.; S. R. Albright, with Carl I. Josephson, Moline, Ill.

F. S. Crebs, who until recently has been employed at Princeton, Ind., was in Chicago during the week buying a new stock for his store at Frankfort, Ind. The style of the firm will be F. S. Crebs & Co.

Frank W. Alter, of Holsman & Alter, accompanied by his family, has left Atlantic City and has gone to Newport, R. I. They will return to Chicago in about a week, stopping over at Niagara Falls.

O. F. Samuelson, of the Chicago office of the Towle Mfg. Co., while in San Francisco recently, had an accident on a street car in which he had his wrist broken in three places. Quite in contrast to this, Mr. Samuelson was on the top floor of the Palace Hotel during the earthquake and escaped without injury.

Geo. H. Thomas, for the past eight years in the local office of the Mauser Mfg. Co., opened an office of his own on Monday, of last week, here. He will act as representative of Seharling & Co., Newark, N. J., and of the Shepard Mfg. Co., Melrose, Mass. Mr. Thomas will start on the road in September, and will travel through the northwest.

Referee in Bankruptcy Frank L. Wean has directed the sale of the assets of the defunct Cash Buyers' Union First National Co-operative Society, 207 W. Jackson Boulevard, for $157,000. The action will be referred to Judge Bethea for approval before it becomes final, as a number of the creditors are dissatisfied with the ruling of the referee.

Local No. 11 of the International Jewelry Workers' Union held a picnic on the 12th which was attended by 3,000 of their number. They were taken to Cedar Lake, Ind., by train, it requiring four trains of 14 coaches each to carry the pleasure seekers. Frank J. Vogtman, president of the organization in Chicago, conducted the party and reports a very enjoyable occasion.

S. K. Huston recently secured a judgment by default against T. D. Lande, retail jeweler, of 482 W. Madison St., who went into bankruptcy last December. After waiting 20 days Huston's constables pounced on Lande's store and carried away enough watches and jewelry to satisfy the judgment, which, with costs, amounted to about $400. Interesting developments are expected as the outcome of the levy.

The following were among the buyers in Chicago during the past week: James W. VanDoren, Minonk, Ill.; Wm. Keulman, Antioch, Ill.; W. P. Waters, Sheridan, Wyo.; J. S. Cassan, of the Rushmer Jewelry Co., Pueblo, Colo.; E. L. Allen, Trinidad, Colo.; F. A. Klass, Hibbing, Minn.; W. L. Lockwood, Canton, Mo.; H. E. Tucker, of the Tucker Jewelry Co., accompanied by Mrs. Tucker, Higginsville, Mo.; D. G. Gallett, Aberdeen, S. Dak.; R. Simons, Langford, S. Dak.; L. L. Berens, Bellingham, Wash.

Three men who recently tried to rob the jewelry store of Mrs. Rebecca Goldberg, located at 774 W. 12th St., were intercepted by the police. The men gave their names as Fred Ottsen, Albert Young and Alexander Sorensen. Mrs. Goldberg said the robbers came to her store carrying suit cases. One engaged her in conversation at the door and the others strolled in and made themselves at home. They played the part so well, it is said, that they swept $1,000 worth of silverware into their bags and pockets, when one dropped a spoon. Mrs. Goldberg heard it, looked around, and was struck in the face as the three men ran from the store. A policeman stopped them before they had gone a block.

A. C. Becken has bought the tool and material business of J. H. Purdy & Co., and the stock of the latter concern is now being removed from the Heyworth building to the Powers building. This will give Mr. Becken one of the largest tool and material departments in the west. Nearly all of J. H. Purdy & Co.'s employes will go with Mr. Becken. J. H. Purdy will personally visit all of his old customers on behalf of Mr. Becken. Fred Purdy has become identified with the Rambler Automobile Co., at Kenosha, Wis. A. Hill, who traveled in Michigan for Mr. Purdy, will take the same territory for Mr. Becken. The deal has been on hand for some time. In a few weeks Mr. Becken will make a stock company out of this department. J. H. Purdy has been in business here since 1875, and has always been highly regarded.

John Schumann-Heink, son of the well-known opera singer, is working as a watch repairer in a retail jewelry store in Springfield, Mass. He intends to devote his savings to study which will equip him for the stage. Young Schumann-Heink has been in this country only about a month.

To Jobbers Only.

CELL CELLERS.

Wee kerrie a kumpleat lyne.

DIAMOND JEWELRY AND DIAMOND MOUNTINGS.



Cincinnati.

A. Herman, of Herman & Loeb, has returned from a southern business trip.

Sig. Strauss, of Lindenburg, Strauss & Co., has returned from a trip through the west.

D. Fox, of Fox Bros. & Co., has returned from the south, and reports excellent sales.

The Frank Herschede Co. is enlarging its store in the rear, to be used as a wrapping department.

Charles Pain, with L. Gutmann & Sons, returned last week from a successful southern business trip.

Clarence Golsch, diamond setter for Ed. H. Croninger, has gone to Niagara Falls for his Summer outing.

John Selbert, Frankfort, Ky., stopped off in this city during the past week on his way to Atlantic City, N. J.

Kinsler & Co. expect to open a large retail jewelry and optical store in Madison Ave., near 7th St., in Covington, Ky., about Sept. 1.

Mr. Charles, with E. & J. Swigart, left last week for the east on a three weeks' vacation. Geo. Korf, of the same firm, is spending his vacation along the Great Lakes and the St. Lawrence River.

A. C. Wallenstein, of Wallenstein, Mayer & Co., has left for a trip to New York and the Thousand Islands, to combine business and pleasure. Henry Peck, with the same firm, will leave next week on a pleasure trip to Toledo and Detroit.

Among the out-of-town jewelers in this city during the past week were: E. F. Starke, New Point, Ind.; J. H. Drake, Lebanon, O.; A. Boiarsky, Charleston, W. Va.; Otto Zoellner, Portsmouth, O.; H. C. Reed, Blanchester, O.; Shire & Fithian, Paris, Ky.; E. Israel, Harrison, O.; L. C. Diefenbaugh, Lewisburg, O.; J. H. Sherwood, Brooksville, Ky.; G. H. Hausgen, Bethel, O.; J. A. Simpson, Ripley, O.; Sam H. Sterchi, Terre Haute, Ind.; F. G. Wittlinger, Middletown, O.; A. E. Axman, Franklin, Ky.; W. B. Poe, Jr., Rushville, Ind.

Detroit.

S. Dunkinson, who resides in this city, was recently arrested in Flint, on suspicion of having thrown a brick through the show window in the store of G. E. Childs, of that place.

Sealed proposals were received until 10 A. M., yesterday, Aug. 21, for installing a clock system in the City Hall. In accordance with the specifications therefor, each bidder was required to send with his proposal a certified check for 10 per cent. of the amount of his bid, as an evidence of good faith.

Louis Meier, of this city, has just completed a unique clock after several years' labor. The case is of solid mahogany, 13 feet high. Besides the large dial, which measures three feet, six inches in diameter, there are a number of small dials registering the time in various parts of the globe. The timepiece also has a calendar attachment, Westminster chimes, and other features.

E. R. Smisor, Arapahoe, Okla., has moved to Little River, Kans.

St. Louis.

B. F. Harless, Houston, Tex., stopped in St. Louis last week on his way home after an extended trip abroad.

Al. Gerne, 1103 Salisbury St., has returned home after a vacation trip to St. Paul on the Mississippi River.

Edwin Massa, vice-president of the Bauman-Massa Jewelry Co., and Mrs. Massa have returned from a visit to Colorado.

Arthur G. Sudheimer, secretary of the Brooks Jewelry & Optical Co., has returned from a business trip to Indian Territory.

A. M. Zerweck, of the Zerweck Jewelry Co., East St. Louis, Ill., has returned from a vacation trip spent at Michigan resorts.

M. T. Graham, Fort Smith, Ark., stopped over in this city for several days last week on his way home after a trip on the Mississippi River as far as St. Paul.

J. Steinberg, who recently came to this country from Germany, was in St. Louis last week buying an opening bill of goods for his new store at Festus, Mo.

A. O. Grimes, of the silverware department of the Mermod, Jaccard & King Jewelry Co., has gone to Walloon Lake in northern Michigan on a vacation.

The S. Pian Time-Payment Jewelry Co. has been incorporated with a capital stock of $25,000. The incorporators were S. Pian, David Greenburg and Henry Gallant.

M. Murphy, Higbee, Mo., who retired from the jewelry business several years ago, has again re-entered the field at that place. He purchased a stock of goods in this city last week.

Joseph J. McKenna, of the Bauman-Massa Jewelry Co., has been receiving congratulations upon the advent of a new boy at his home. Mother and child are doing well.

J. A. Baur, a graduate of the St. Louis watchmaking school, has gone to Moulton, Tex., to engage in the jewelry business. He will have as a partner his brother, a general merchant at that place.

Among the visiting jewelers here last week were: S. R. Curtis, Newbern, Tenn.; Paul Leresche, Jerseyville, Ill.; C. H. Gieseke, Trenton, Ill.; M. Miesch, Muskogee, Ind. T.; J. F. Baloun, Warrenton, Mo.

Joseph Schreaby, aged 18 years, was recently arrested, charged with robbing the store of Frank W. Baier, of this city. Schreaby was caught in a second-hand store, where he was trying to dispose of a gold locket.

According to statistics prepared by P. J. Clifford, License Collector of the City of St. Louis, the people of this city are not buying as much jewelry as they did during the World's Fair. The sales of 11 leading firms in this city for the year from June 1, 1905, to June 1, 1906, were $2,442,163, compared to $2,776,633.40 for the preceding 12 months.

"Get ready for the jewelers' night at Forest Park Highlands" is the pleasing announcement on a postal card issued by W. F. Kemper, secretary of the Retail Jewelers' Association of Missouri. The entertainment, which will take place Wednesday, Sept. 5, was decided upon at a special meeting of the organization. The outing promises to be a gala one. A special performance at which 1,000 jewelers and their families and friends will be present is one of the features, while other forms of amusement are in prospect. The jobbers are assisting the retailers in making the affair a success. The committee on arrangements is composed of Gerhard Eckhardt, Otto Steiner, E. A. Bohle, F. W. Baier and Herman Mauch.

Kansas City.

The Green Jewelry Co., of this city, has just joined the Jewelers' Security Alliance.

E. P. Nevin, of Nevin Bros., left last week for a short sojourn in Canada and the east.

Carl Rakeman, of C. H. Rakeman & Son, Sapulpa, Ind. T., was in the city last week on a vacation trip.

George Krieke, of the Hassig & Krieke Jewelry Co., has gone to Milwaukee for a short vacation trip.

B. F. Thorner, who has just finished a course in the Kansas City Polytechnic Institute, has gone to Butte, Mont.

J. Levin, traveling representative for Kionka & Kionka, has just returned from a trip through Kansas and Indian Territory.

W. C. W. Kuehner, Chanute, Kans., has just finished a short course in the Kansas City Polytechnic Institute, and has returned home.

F. J. and E. P. Nevin, of the material firm of Nevin Bros., were called to St. Joseph, last week, to attend the funeral of a relative.

Mrs. C. W. Bowen, who has just finished her course at the Kansas City Polytechnic Institute, has returned to her home in Brunswick, Mo.

W. Shoemaker, formerly with W. L. Speer, Argentine, Kans., has completed arrangements to engage in the jewelry business for himself at Jewel, Kans.

S. Randazzo, formerly a watchmaker with Clem. B. Altman, has returned from Buffalo, N. Y., and taken a position with the Jaccard Jewelry Corporation.

C. E. Van Voorhis, watchmaker for F. A. Ryer & Co., and a brother of J. O. Van Voorhis, a retail jeweler of Osawatomie, Kans., died suddenly, in this city, Sunday.

C. O. Dietterich, who covers Missouri, Indian Territory and Arkansas territory for the Edwards & Sloane Jewelry Co., is in the home office, this week, filling up his trunks.

C. W. Nelson, formerly of Cameron, Mo., and later in the optical department of the Emery, Bird, Thayer Dry Goods Co., has taken a position as watchmaker for F. A. Ryer & Co.

Eight new clocks are being placed in the Union Depot in this city, each marked "Standard Time," as that seems to be necessary to make the traveling public believe the time is correct.

J. R. Mercer left last week for the Great Lakes and Adirondack regions, on a vacation trip for a couple of weeks. He will return to Kansas City before making his trip to the eastern market.

J. R. Mercer supplied the Kansas City Driving Club with the cup to be known as the Kansas City Driving Club Cup, to be awarded to the trotter winning the most heats in the season of 1906.

There is talk that the management of the Convention Hall is asking so much rent for it that the Horse Show will not be given this year. The Horse Show brings trade to many retail dealers, and as the hall was built by popular subscription, many jewelers think it strange that the merchants will allow the management to continue to act as it has in the past.

The following out-of-town jewelers called on the trade here during the past week: J. H. Whiteside, Liberty, Mo.; Chris. Johnson, Alta Vista, Kans.; I. Eller, Richmond, Mo.; J. A. Lukens, Bucklin, Kans.; B. G. Gustafson, Lawrence, Kans.; G. P. Roberts, McCune, Kans.; A. A. Marvin, Blue Rapids, Kans.; W. F. Kirkpatrick, Winchester, Kans.; Geo. Killiam, Pittsburg, Kans.; F. M. Dillon, Bonner Springs, Kans.; S. J. Huey, Excelsior Springs, Mo.; Harry Kimber, Excelsior Springs, Mo.

Minneapolis and St. Paul.

Wm. A. Lawhead, of J. B. Hudson & Son, Minneapolis, has returned from a business trip to the east.

G. T. Frazee, Osage, Ia., who was in the Twin Cities last week, proceeded westward for a visit to Seattle and the Puget Sound country.

Axel E. Madsen, of Rettig, Hess & Madsen, Chicago, who makes his home in Minneapolis, has bought a handsome residence at 33d St. and Oakland Ave.

H. E. Cobb, representative of the Daggett & Clap Co., was a visitor in Minneapolis last week, attending the 40th annual encampment of the G. A. R., of which he is a member.

The Fiske-Johnson Jewelry Co., Minneapolis, has been incorporated by Ellen M. Fiske, Charles A. Johnson and James T. Morris, to continue the business heretofore conducted by the late Fred O. Fiske, under the firm style of Fiske Bros. This firm has been located in the Nicollett House block for a number of years, and has been on that street and within a block of that same location for many years previous.

The low rates to the G. A. R. encampment brought a great many country dealers recently. Among them were: M. A. Bratrud, Crookston, Minn.; S. H. Kantor, Moorhead, Minn.; P. M. Mark, Fosston, Minn.; Mr. Nelson, of the Imperial Drug Co., St. Hilaire, Minn.; H. W. Anderson, Red Lake Falls, Minn.; J. A. Gartland, Rock Rapids, Ia.; G. E. Green, Wankon, Ia.; D. G. Gallett, Aberdeen, S. Dak.; J. D. Lifquist, Henning, Minn.; Chas. Van Winkle, Alden, Minn.; G. T. Frazee, Osage, Ia.; H. Princen, Minneota, Minn.; A. B. Cone, Windom, Minn.; H. K. Lee, Austin, Minn.; Sullivan & Estabrooks, Blackduck, Minn.; John Stulka, Wahpeton, N. Dak.

A team of horses, owned by G. M. Harley, an employe of Hopkins & Witty, Dubuque, Ia., was killed in a wild runaway, last week.

Since the resignation of President P. Clark, of the National Self-Winding Clock Co., Champagne, Ill., the plant has been taken care of by a committee of the board of directors, consisting of G. B. Storer and E. M. Burr. The company was formerly located at Bristol, Conn.

TRADE MARK

Write for Illustrated Sheet Showing

25 Leaders 25

Having No Equals

OHIO CUT GLASS COMPANY

FACTORY, BOWLING GREEN, OHIO

CHICAGO:
35 E. Randolph Street

NEW YORK:
25 W. Broadway

ST. LOUIS:
404 N. Fourth Street

TRADE MARK.

A. C. BARD & CO.

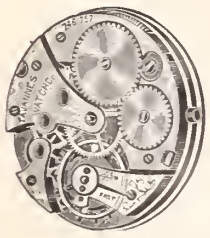
IMPORTERS AND CUTTERS OF **DIAMONDS**

Loose or mounted goods on memo. to responsible dealers.

103 STATE ST., CHICAGO. COLUMBUS MEMORIAL BUILDING.

A NEW MOVEMENT

THE O-SIZE 7 JEWELED PENDANT SETTING



TAVANNES *Is* ***Fully Guaranteed***

FOR SALE THROUGH THE JOBBING TRADE

TAVANNES WATCH COMPANY

2 & 4 Maiden Lane, New York

San Francisco.

J. C. Huguenin has opened a store at 322 Church St.

E. Eliaser, a watchmaker and jeweler, is at present located at 714 Fillmore St.

J. Nielson, a watchmaker and jeweler, formerly of 1424 Polk St., has opened a store at 215 Church St.

I. Povelsen, jeweler and optician, formerly of 1526 Market St., has established a temporary office at 708 14th St.

Peter Johnson & Co. have opened a jewelry store at 519 Van Ness Ave. The firm also conducts an optical department.

M. Marks is having a large jewelry store fitted up on McAllister St., near Octavia St., and will move in in a few days.

Rudolph Barth, who was located before the fire at 131 Sutter St., is now fitting up a new store at 1821 Fillmore St., and will open again in about 10 days.

G. Gensler has just opened a jewelry store at 523 Van Ness Ave. and D. Cohen, who formerly had a store at 1014 Market St., has established an office there.

G. E. Butler has reopened his watchmaking establishment at 310 California St., and is carrying a full line of ships chronometers and nautical instruments.

The Portland Jewelry Co., formerly located on Stockton St., has secured a location on Market St., near Eddy St., and will be open for business in a few days.

The Keystone Jewelry Co., formerly of 343 Kearny St., and now doing business at 1607 Laguna St., will soon be in its new store on Van Ness Ave., in front of Tait's cafe.

The silver plate from the St. Francis Hotel has been purchased by an enterprising curio dealer and is now being offered for sale. Much of it could easily be restored.

S. H. Friend, San Francisco, Cal., sailed for Europe on the *Kronprinz Wilhelm* yesterday to visit the diamond markets of Europe. Mr. Friend will return in about six weeks.

A. Engelhardt, formerly with Hammersmith & Field, but who, since the fire, has been in business on Fillmore St., has opened a jewelry store on Van Ness Ave, near McAllister St.

Abraham & Roth, who started in business immediately after the fire, at 1002 Fillmore St., are having their premises remodeled and enlarged, and while this work is going on are carrying on the jewelry and optical business in the drug store at Fillmore and McAllister Sts.

The W. K. Vanderslice Co. expects to be in its new home on Van Ness Ave., near Sacramento St., in a short time, as the building is rapidly nearing completion. A good business in repair work is being done at the office at Post and Devisadero Sts., and a stock of jewelry is also on hand now for sale.

Shreve & Co. are making active preparations to open their new store on Van Ness Ave., about Sept. 1. The factory in the rear of the store is now in active operation, and the same high grade and complete stock will be carried as before the fire. The Oakland branch has been discontinued, and the city business centered at the old store at Post St. and Grant Ave.

Pacific Coast Notes.

H. H. Witman, Pomona, Cal., is moving into new quarters at the corner of Main and 2d Sts.

R. O. Bolt, of the Mermod, Jaccard & King Jewelry Co., St. Louis, is at present a visitor in Los Angeles, Cal.

The Union Jewel & Case Co. was recently elected as a member of the Chamber of Commerce, Los Angeles, Cal.

The retail jewelry store, conducted by Sun Lee Yenn, Sacramento, Cal., was damaged, a short time ago, by a fire, caused by an overturned stove.

Hallie L. Jenks, administratrix of Morris W. Jenks, has been authorized by an order made by Judge Conklin, San Diego, Cal., to carry on the jewelry business at that place formerly conducted by her husband.

The Roswell Drug & Jewelry Co. has been incorporated at Albuquerque, N. Mex., with a capital stock of $50,000, by Robert E. Baughman, Edward D. Kinsinger and Geo. D. Brieger, all residents of Roswell.

The Carl Entlemann Jewelry Co. was recently incorporated in Los Angeles, Cal., with a capital of $50,000, of which $31,000 has been subscribed. The incorporators were: E. B. Nicoll, Fred Walter, Jr., Marie Entlemann and S. P. Mulford.

John Morrin, Los Angeles, Cal., now in Amsterdam, is at the head of a company being organized for the development of the gem industry in Mexico and California. The company is named Baja California Gem & Gold Mining Co., with headquarters in Los Angeles.

E. L. Carmena, Los Angeles, Cal., was recently taken into custody in San Bernardino and subsequently fined $20 on a charge of embezzling jewelry, a woman having alleged that she took a gold necklace and two pairs of earrings to be repaired to Carmena, who closed his shop and went to San Bernardino, taking the jewelry with him.

Pacific Northwest.

The Carl Alder Co., Baker City, Ore., has been purchased by T. Hamblin.

The Day Jewelry Co., Tacoma, Wash., has increased its capital stock from $2,700 to $4,700.

J. F. Kenley, Caldwell, Idaho, has sold his jewelry business to C. A. Green, Boise City, Idaho.

E. W. Hutchinson, Wasco, Ore., has sold his store to Mr. Ross, of Portland, and will move to another territory.

C. L. Bender, Myrtle Point, Ore., has added to his office equipment a handsome new safe for holding his more valuable stock and books.

B. H. Short, Cranbrook, B. C., has just completed an artistic plate glass window sign for Wm. F. Tate & Son. The sign is finished in gold, shaded with light and dark blue.

The firm of J. A. Hartley & Co., watchmakers, jewelers and opticians, opened a store, last week, on 1st St., Grand Forks, B. C. Mr. Hartley was recently in business in Tacoma, Wash.

Forty-six new concerns, with an aggregate capital of $425,000, and employing 741 people, have been added to the list of Spokane manufactories since Jan. 1, 1905, according to a report made by Secretary Ren Rice of the 150,000 Club to State Labor Commissioner Charles F. Hubbard. The amount of additional capital invested in the jewelry business since that time is $18,000, with 14 new employes.

Omaha.

Miss Ada Porter, with T. L. Combs & Co., is spending two weeks at Villisca, Ia.

B. C. Martin, Belden, was a guest in this city recently while en route to York, Nebr.

Miss Mary Hurst, with Brown & Borsheim, has returned home from Manitou, Colo.

The wife of Sol. Bergman, accompanied by her children, has returned from an eastern trip.

Miss Emma Hoagland, with the Sol. Bergman Jewelry Co., has just returned from a trip to Chicago.

It is reported in the trade here that Wm. Strickler will open a new store at Hope, N. Dak., in the near future.

H. J. Van Houtter was in this city last week, purchasing stock for a new store which he will open shortly at Gorden, Nebr.

Henry Copley, wife and daughter are home from a trip spent in New York, Philadelphia, Boston, Washington and Atlantic City.

News was received by the trade here last week that Close & Ernstene, Parker S. Dak., and C. H. Robbins, Beaconsfield, Ia., have sold out.

Albert Edholm supplied the prizes for the Nebraska Golf Tournament, which took place in this city on the links of the Country Club, Aug. 16, 17 and 18.

Jewelry which was stolen a short time ago from the establishment of L. J. Keas, 1513 Dodge St., was subsequently recovered in a local pawnshop. The thieves have not yet been apprehended.

Out-of-town jewelers in this city last week were: B. F. Smith and I. M. Graham, Valley; Frank Comte and L. A. Bates, Springfield; A. D. Clinton, North Platte; F. J. Johnson, Genoa; John Crabill, Plattsmouth; George Frater and M. Tritsch, Louisville; Mrs. Underwood, Murray; M. Barnes, Avoca, Ia., and A. R. McClintock, Griswold, Ia.

A. J. Smith, Plainwell, Mich., will occupy the first floor with his jewelry business in the new store building, which will shortly be erected on the site of his old building.

The negro who recently entered the store of E. Karthaus' Sons, Huntsville, Ala., was later convicted on two charges of burglary and two of carrying concealed weapons.

A feature of the celebration of what is known as Bachelor's Day in Nokomis, Ill., last Wednesday, was the attractive float of S. M. Strain, president of the Illinois Retail Jewelers' Association, of that place. Two girls were dressed in white and elaborately bedecked with jewelry. They wore capes of watches, while their skirts were almost entirely covered with spoons, knives and forks. Perched high on a pedestal of flowers, they attracted a great deal of attention.

Indianapolis.

R. Green, with Carl L. Rost, is now in the east.

Charles L. Schmidt, with H. L. Bryant, has returned from a fishing trip in Michigan.

J. P. Mullally has returned from French Lick Springs, where he went to recuperate from an attack of malaria.

Miss C. D. Daily, cashier for Julius C. Walk & Son, is spending August in Canada. Carl F. Walk and wife are summering at Lake Maxinkuckee.

Henry G. Werbe, with Julius C. Walk & Son; I. Grohs, of the I. Grohs Jewelry Co., and Harry Cohen, of H. Cohen & Sons, have all returned from New York, where they went to buy Fall stock.

It was erroneously reported last week that John Williams, watchmaker for J. H. Reed, had taken a position as watchmaker for Reis & Armstrong, Macon, Ga., Harry J. Reed, son of J. H. Reed, and not Mr. Williams, being the new acquisition. Mr. Williams has just returned from his vacation, which was spent at French Lick Springs.

The jewelry and optical business formerly conducted by R. P. Cullen, with salesrooms in the Traction Terminal Co. building, is now being conducted by Dr. Arthur Rose. Mr. Cullen died in the city hospital here several months after beginning business. Upon his death the store was turned over to William Fogarty, of the People's Trust and Savings Co., as administrator. Dr. Rose was formerly connected with the store.

Following is a partial list of salesmen who will be on the road this Winter for Indianapolis firms: John T. Gardner, Walter A. Buhrman and H. W. White, all for the Baldwin, Miller Co.; C. W. Lauer, for Charles W. Lauer & Co.; C. W. Kiefner and Charlie Lauer, for Hoffman & Lauer; Paul E. Rowe and Fred T. Nichols, for S. T. Nichols & Co.; Isador Grohs and L. Bowman, for I. Groh's Jewelry Co.; Simon Kiser and G. A. Soloman, for S. L. Kiser & Co., and Edgar Craft, for the A. P. Craft Co.

Fred W. Wright, with Charles Mayer & Co., will sail for Europe, Sept. 5, to be gone five years, during which time he will study portrait painting and illustrating in the schools of Rome, Potsdam and Munich. Mr. Wright has already acquired an enviable reputation as an illustrator and designer. Art critics have spoken with favor of a portrait in pastel of Charles Mayer, which Mr. Wright handled in such way as to produce the effect of an oil painting. Mr. Wright's education in art has been obtained so far in the Shortridge High School and the John Herron Art Institute. All his studying has been done in night classes. His wife will accompany him to Europe.

Out-of-town jewelers who visited the local jobbers and manufacturers last week, included: George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Roberts, Veedersburg; A. R. Cooper, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred Green, Elwood; A. B. Westberry, Rankin; H. A. Davis, Pennville; Dr. Conwell, Van Buren; J. H. Wetz, Sulphur Springs; J. A. Pickett, New Castle; Aaron Pursel, Noblesville; J. A. Meissen, Cicero; D. S. Whittaker, Lebanon; H. Whecler, Dana; N. W. Myer, Crawfordsville; E. O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion, and Mrs. B. Maier, Edinburg.

Pittsburg.

Dawson B. Adams is spending his vacation at Cambridge Springs.

C. F. Niemann, of Graf & Niemann, spent last week in Parkersburg, W. Va.

J. T. Nelson, Mercer, Pa., has sold his stock to Grace P. Redmond, who will continue the business. Ill health caused Mr. Nelson to retire.

An attempt was made to rob the residence of John F. Zugschwert, of Carnegie, last week, but the thieves were frightened away before they secured anything of value.

Charles O'Brien & Co. will supply the R. M. Weaver gold cup to be contested for at the Brunots Island races this week. The cup was made by William B. Kerr & Co.

Sam F. Sipe and wife returned Tuesday of last week from Europe on the *Kaiser Wilhelm II.*, Mr. Sipe having been abroad to make his annual purchase of diamonds.

Charles Harris, the salesman who left this city after buying $42 worth of jewelry from Rudisill Bros., with worthless checks on the Central Trust Co., where he once had an account, was arrested in Philadelphia, Pa., last week, and brought back to Pittsburg.

W. G. Ingham, buyer for the G. B. Barrett Co., is at Mount Clemens, Mich., spending his vacation. Miss Maud Beacom, bookkeeper for the same house, whose serious illness was noted in THE CIRCULAR-WEEKLY several weeks ago, is dead. Heart failure caused her death.

Steele F. Roberts, of Mrs. E. P. Roberts & Sons Co., left last week for Shelter Island, where he will spend several weeks. About Sept. 15 the firm will have an opening, the new store into which the firm moved several weeks ago being nearly finished. Invitations will be issued to a large number of persons.

George W. White, senior member of the firm of West, White & Christy, was married Tuesday of last week to Miss Flora Emma Young, of Bellevue. The wedding ceremony was performed by the Rev. George Shaffer, pastor of the Bellevue Methodist Episcopal Church. Mr. and Mrs. White left for Canada on a wedding trip, and will return to Pittsburg this week.

The Merchants & Manufacturers' Association will tour West Virginia in search of trade, and will leave Pittsburg Oct. 22, remaining out until Oct. 26. A special train will be used to haul the members of the association. A special merchants' excursion will also be conducted to Pittsburg Sept. 22 to 26, in which local merchants will pay railroad fares, provided visiting merchants buy a certain amount of stock.

The Larney-Barr Jewelery Co., which has quarters in the Bessemer building, will move Oct. 15 to the ground floor of 105 6th St., in the new Fulton building, just across the street from their present quarters. The firm, in its new location, will fit up one of the finest retail jewelry establishments in the city. The store will adjoin the main entrance of the building, and will have three show windows at the front entrance.

Some of the jewelers in Allegheny who had deposits in the Enterprise National Bank, when that institution failed, breathed a sigh of relief last week when it was announced at Washington that dividend checks would be mailed to stockholders within one month for the first payment, amounting to 20 per cent. It is not thought that the bank will pay over 20 per cent. It had deposits of over $1,500,000.

W. J. Johnston, of the W. J. Johnston Co., last week, signed a lease for 3,000 feet of floor space in the New Union National Bank building, now being built at Fourth Ave. and Wood St. It is to be 22 stories high and one of the finest buildings in the State. The firm expects to occupy the new quarters March 1. The building is being constructed of granite and will cost several million dollars, the bank being one of the two richest in the city. Special mahogany fixtures will be ordered. One of the features of the establishment will be a fireproof vault 14 by 12 feet. In addition the company will have eight safes, four large and four small ones, equipped with the Holmes Electric Protective system.

Thomas A. McQuaide, superintendent of police, has received complaint from some of the local jewelers that a slick swindler is now at work in their midst and is defrauding many. The man, who is described as having a smooth face and being of medium build, and weighing about 140 pounds, enters an establishment and asks for Mr. Blank. He is told that he is away on his vacation, and then the swindler informs the unsuspecting one that he left a pin to be repaired with Mr. Goldsmith, using the name of the jeweler, at the same time stating the charges on it, whatever he thinks he can collect. Naturally the man knows the jeweler to be responsible, and the owner of the supposed pin being away, the charge on the pin is paid. When Mr. Blank returns home he finds a pin worth five cents on which his friend has paid several dollars for being repaired, and the trick is discovered. Inquiry is naturally made at the store the stranger said he represented. The police are looking for the man.

Letters from London report that Mrs. John Jacob Astor recently bought considerable quantities of jewelry and curios in that city. One of her bargains was a twisted knot of gold which could be used as a pendant on a watch chain. For this she paid $25. When she examined her purchase closely, Mrs. Astor was delighted, it is reported, to find it a duplicate of "The Lucky Knot" which Queen Alexandra owns. The knot is formed of gold strands twisted. Touch a hidden spring and the knot opens, revealing in its cavity a rough emerald. On this stone, in characters so minute that they are legible only through a magnifying glass, is engraved *"A vous pour la vie"* (yours for life). The Queen's knot is identical, it is said, except that the stone is a ruby. Queen Alexandra is said to call the knot her "mascot," and always wears it on a bracelet made of gold bands formed like those that make the knot.

INDEX TO ADVERTISEMENTS.

Adams & Singleton 38
Aikin-Lambert Co. 112
Allsopp & Allsopp 31
Allsopp Bros. 27
Alsterlund, H. E., & Co. 40
Alvin Mfg. Co. .....Inside front cover
American Gem & Pearl Co. 62
American Platinum Works 104
American Silver Co. 41
American Watch Case Co. 25
Apollo Silver Co. 111
Arch Crown Mfg. Co. 66
Arnstein Bros. & Co....52, Outside back cover
Ascheim, Jules 97
Austin, John, & Son.....Outside back cover
Aztec Turquoise Co. 60
Bagg, Perine & Co. 58
Baker, Geo. M. .....Outside back cover
Ball, Webb C., Watch Co. 72
Bard, A. C., & Co. 76
Baschkopf, Jacob 50
Bassett Jewelry Co. 110
Bates & Bacon 26
Benedict Mfg. Co. 38
Berge, J. & H. 104
Bigalke & Eckert Co. 46
Bigney, S. O., & Co. 4
Billings, Chester, & Son 54
Bing, Ferdinand, & Co.'s Successors. 106
Bishop, R. W. 41
Blackinton, R., & Co. 19
Blackinton, W. & S., Co. 12
Blancard & Co. 70
Borrelli & Vitelli 56
Bowden, J. B., & Co. 27
Bradley Polytechnic Institute 41
Brettner, R. 56
Brower, Maurice 54
Bruhl Bros. & Henius Co...Outside back cover
Buckley, Samuel, & Co. 30
Bunde & Upmeyer Co. 52
Carrington & Co. 28
Carter, Howe & Co. 29
Chatham National Bank 68
Chopard Frères 46
Cohen, Jules E. 62
Columbian Jewelry Supply Co. 110
Conley & Straight 114
Cooper Diamond Co. 54
Cottle, S., Co. 30
Crohn, M. 32
Cross & Beguelin 40, 66
Crossman, Chas. S., & Co. 62
Crossman Co. 58
Crouch & Fitzgerald 35
Dattelbaum & Friedman 33
Day, Clark & Co. 31
Dederick, James H., Sons 114
Depasse Mfg. Co. 28
De Selms Watch School 96
Diamond Point Pen Co. 113
Didisheim, Hipp., & Bro. 94
Donnelly, J. J. 104
Dorflinger, C., & Sons 108
Dubois Watch Case Co. 41
Dulk, Robert 28
Dunbar, Leach, Garner Co. 114
Durand & Co. 28
Eichberg & Co. 60
Elgin National Watch Co. 88
Eliassof Bros. & Co. 70
E. P. H. Chain Catch 32
Fahys, Joseph, & Co. 1
Fairchild & Co. 114
Favre-Jacot, Georges, & Co. 92
Feeley, W. J., Co. 39
Follmer, Clogg & Co. 36
Forman Co. 111
Forsinger, J. W. 90
Foster, Theodore W., & Bro. Co. 42
Fox, Gustave, Co. 25
Freund, Henry, & Bro. 33
Friedlander, R., L. & M....Outside back cover
Frink, I. P. 112
Garreaud & Griser 56
Gesswein, F. W., Co. 104
Goldsmith, C. P., & Co. 32
Goodfriend Bros. 56
Gorham Co. 64
Gougelman, Paul 62
Griffoul, August 104
Gruen, D., Sons & Co. 24
Guardian Trust Co. 68
Hagstoz, T. B., Ltd. 114
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 100
Harris & Harrington.....Outside back cover
Hedges, A. J., & Co. 28
Hedges, Wm. S., & Co. 56
Heintz Bros. 33
Heller, L., & Son 50
Herpers Bros. 104
Hirschberg, A. S. 24
Hodenpyl & Walker 50
Hoe's, James C., Sons 113
Holsman & Alter 96
Hotel St. James 24
Hraba, Louis W. 108
Humphrey, John B., Co. 62
Hutchison & Huestis 38
Illinois Watch Co. 8
International Gem Co. 60
International Silver Co.....14, 21
Jacot Music Box Co. 112
Jeandheur, F., Jr. 104
Jeanne, Frederick A. 58
Jewelers' League 100
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 72
Juergensen, Jules 94
Kahn, L. & M., & Co. .....Outside back cover
Kaufman, Louis, & Co. 60
Keck, Herman, Mfg. Co. 72
Kent & Woodland 31
Ketcham & McDougall 111
Klipper Bros. 96
Kohlbusch, Herman, Sr. 113
Kohn, Alois, & Co. 29
Kohn & Co. 35
Koshland & Italie Co. 97
Lackner & Ohl 35
Langendorf Watch Co. 94
Larter & Sons 44
Lederer, S. & B., Co. 39, 41
Lees & Sanders 114
Leimann Bros. 113
Lelong, L., & Bro.....Outside back cover
Leon Watch Case Co. 95
Levy, Chas. M. 34
Levy, Robert 22
Lewy & Cohen 30
Lisner, D., & Co. 23
Lissauer & Co. 50
Loeb, Wm., & Co. 36
Lorsch, Albert, & Co. .....Outside back cover
Loth, Joseph, & Co. 112
Lowe, Edwin, & Co., Inc. 100
Luthy & Hine 30
Lyons Gem Co. 56
Maebert & Reiss 96
Maple City Glass Co. 108
Market & Fulton National Bank..... 68
Martin, S. 110
Mercantile National Bank 69
Meriden Silver Plate Co. 21
Meyerowitz Bros. 70
Miller, Fuller & Whiting 40
Moore & Sons 33
Mount & Woodhull 58
Murray, Dan I. 112
Myers, S. F., Co. 114
Nebeling, Edmund R. 24
Newburgh, R. 95
New York Central Railroad 113
Noel, Rudolph, & Co. 72
Nonnenmann, A., & J. Aschenbrenner.... 100
Noterman, Jos., & Co. 70
Novelty Engineering Ass'n 104
Ohan, G. 111
Ohio Cut Glass Co. 76
Omega Watches 92
Oneida Community, Ltd. 17, 18
Oppenheimer Bros. & Veith 48
Oppenheimer, H. E., & Co. 48
Oriental Bank 68
Osmun-Parker Mfg. Co. 28
Ostby & Barton Co. 27
Parks Bros. & Rogers 20
Patek, Philippe & Co. 94
Potter & Buffinton Co. 37
Power, Chas. L., & Co. 56
Powers & Mayer 13
Price, Cyrus, & Co. 82
Prior, Charles M. 32
Pryibil, P. 113
Pryor Novelty Co. 41
Racine, Jules 97
Reichhelm, E. P. & Co. 104
Renziehausen, W. F., Co. 114
Revell, A. H., & Co.....Outside back cover
Rice's, Bernard, Sons 111
Ries & Armstrong 100
Riviere Brass Works 108
Rockford Watch Co. 90
Roger Williams Silver Co. 34
Rohrbeck, John E. 30
Roseman, A. 50
Rosenbloom, M., & Co. 70
Rothschild Bros. & Co. 34
Roy Watch Case Co. 95
Rudlen, J. W., & Co. 96
Rudolph & Snedeker 94
Rumpp, C. F., & Sons 110
Saart, W. H., Co. 38
Salman, John A., & Co. 97
Saunders, Meurer & Co. 56
Schiff, M. 29
Schultz, Leiss & Co. 22
Scofield & DeWyngaert 30
Sessions Clock Co. 96
Shafer & Douglas 24
Shiman Bros. & Co. 74
Simpson, Hall, Miller & Co. 14
Smith, Alfred H., & Co. 48
Smith, E. H. H., Silver Co. 110
Smith, Frank W., Co. 23
Smith, Wm., & Co. 108
Snow & Westcott 29
Sohn & Hyman 60
Solidarity Watch Case Co. 40
Spencer, E. L., Co. 37
Staninger, E. E. 70
State Bank 68
Steiner, Louis 108
Stern Bros. & Co.....60, Inside back cover
Sternau, S., & Co. 20
St. Louis Watchmaking School 96
Strauss, Ignaz, & Co...111, Outside back cover
Strauss, Jacob, & Sons 60
Street, Geo. O., & Sons 33
Tavannes Watch Co. 76
Tivoli Art Glass Co. 108
Todd, A. V. 70
Trenton Watch Co. 95
Trout, Chas. L., & Co. 28
Van Dam, Eduard 54
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 29
Waite, Thresher Co. 39
Waltham Watch Co. 86
Washburn, C. Irving 32
Weizenegger Bros. 24
Wells, Chester H. 96
Wendell & Co. 5
Western Clock Mfg. Co. 35
Wheeler, Hayden W., & Co. 48
Whiting & Davis 26
Whiting Mfg. Co. 15
Wightman & Hough 37
Witsenhausen, L. 32
Wittnauer, A., Co. 94
Wodiska, Julius 31
Wolfsheim & Sachs 34
Wood, C. F., & Co.....Outside back cover
Wood, J. R., & Sons 2, 3
Woodside Sterling Co. 16

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

Heavy type, 5c. a word; minimum charge, $1.25.

Display cards, $2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

WANTED, POSITION by first class jeweler, stone setter and engraver. Address "7260," care Jewelers' Circular-Weekly.

POSITION by watchmaker and engraver willing to start at reasonable salary and work up. C. A. Bush, Hilton, Monroe Co., N. Y.

SITUATION WANTED by first class jeweler and clock repairer, also French clocks; by September. Address "A. C., 7238," care Jewelers' Circular-Weekly.

YOUNG MAN, 19 years, desires to make change; one year's experience at clocks and jewelry. Address "N., 7267," care Jewelers' Circular-Weekly.

A YOUNG MAN, 19 years, desires position in wholesale jewelry house; best references. Address "T. A. K., 7310," care Jewelers' Circular-Weekly.

FIRST CLASS jeweler and engraver desires position with good retail house; new work; diamond setter. Address "S. T. A., 7307," care Jewelers' Circular-Weekly.

YOUNG MAN, 23 years old, wishes position as stock clerk or as salesman in wholesale house; best reference. Address "Box 7214," care Jewelers' Circular-Weekly.

YOUNG MAN, 20 years, five years' experience, wishes to represent reliable manufacturing concern in New York and vicinity. L. Garfield, 75 E. 109th St., New York.

A YOUNG LADY wishes position as stock and order clerk; one year's experience with wholesale jewelry house. Address "K., 7269," care Jewelers' Circular-Weekly.

EXPERIENCED young man, well acquainted with jobbing jewelry trade, wishes to represent some manufacturer. Address "S., 7144," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

COMPETENT clockmaker desires position; has full set of tools, American lathe; A1 New York City references; state wages. E. Baron, 512 W. Norwegian St., Pottsville, Pa.

YOUNG MAN, thoroughly acquainted with jobbing jewelry trade in New York, desires agency for out of town manufacturer. Address "O., 7313," care Jewelers' Circular-Weekly.

YOUNG MAN, having complete knowledge of the wholesale jewelry business, desires position as order clerk or salesman; A1 references. "N., 7290," care Jewelers' Circular-Weekly.

YOUNG MAN wishes position with good jewelry house; five years' experience as stock clerk and inside salesman; best reference. Address "B., 7301," care Jewelers' Circular-Weekly.

YOUNG MAN, 18, wishes position in jewelry factory where there is chance for advancement; three years' experience at bench; reference. Address "7252," care Jewelers' Circular-Weekly.

WATCHMAKER, with 20 years' experience, desires good position with first class jewelers; accustomed to waiting on trade; first class references. "N. Y., 7287," care Jewelers' Circular-Weekly.

EXPERT WATCHMAKER and engraver of 20 years' experience, with tools and A1 reference, desires to change position; east preferred; state wages. Address "O. M., 7281," care Jewelers' Circular-Weekly.

YOUNG MAN, age 22, desires position with retail jeweler as salesman and window dresser; can furnish best reference as to character, honesty and ability. Address "D., 7261," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7080," care Jewelers' Circular-Weekly.

SALESMAN, young man, age 26, four years' experience on road, would like position with first class jewelry house; best of references; at liberty after Sept. 1. Address "L., 7083," care Jewelers' Circular-Weekly.

A YOUNG WOMAN desires permanent position; has experience in clerical work, filing, card indexing, stencil addressing, also telephone operating. Address Miss K. Cunningham, 220 E. 39th St., New York.

FIRST CLASS jeweler desires position in a first class jewelry store; can make new work, hand made or cast, and do first class jobbing; also stone setter. "I. Ch.," care Goldberg, 292 5th St., Brooklyn, N. Y.

YOUNG MAN, 22, desires position as assistant watchmaker; can do clock and jewelry repairing and some engraving; four years' experience; New York State preferred. "B., 7250," care Jewelers' Circular-Weekly.

SEPTEMBER 15, position as watchmaker and optician, by American; age 45; 25 years' experience; thoroughly competent; not under $20; give full particulars. "A. B. Z., 7248," care Jewelers' Circular-Weekly.

WATCHMAKER and clock repairer wants position by September; single man; 15 years' experience; no engraver; German-American; Ohio or adjoining States preferred. Address Jeweler, 519 North St., Sidney, O.

WATCHMAKER, jeweler and plain engraver, good salesman; competent on high grade watch repairing; experienced at taking in work; best references; $18 to $20 per week. Address "A., 7277," care Jewelers' Circular-Weekly.

A1 manufacturing jeweler, jobber, stone setter and good engraver; can do some designing; at present doing good business for myself; desire position in first class retail store; $30 to $35. "U. O. C., 7152," care Jewelers' Circular-Weekly.

REFRACTIONIST, lens grinder, jewelry salesman and office man; good appearance, steady habits, is open for position; would take charge of optical department on salary or percentage; best references. Address Box 496, El Paso, Tex.

FIRST CLASS watchmaker wishes to make a change; expert on close rating watches; also good knowledge of optics; good appearance and address; young and single; salary, $25 per week. Address "Circular, 7275," care Jewelers' Circular-Weekly.

SCRIPT and monogram engraver with practical experience, desires position where he can learn watch work; have some knowledge of clock repairing; best of references; New York State preferred. Address "G. S.," 109 Park Ave., Utica, N. Y.

TRAVELING SALESMAN, young man, age 23, first class, successful selling experience, is desirous of locating with reliable firm; acquainted in New England and Pennsylvania; first class reference. Address "W., 7262," care Jewelers' Circular-Weekly.

A WATCHMAKER of recognized ability; trained in London; 15 years' American experience; seeks position in first class firm as fine watchmaker and adjuster; highest references; have also New York optical diploma. "H. G., 6794," care Jewelers' Circular-Weekly.

POSITION WANTED, first class watchmaker of 10 years' practical experience, desires good, reliable position at once; good salesman and plain engraver; total abstainer; transportation in addition to salary; not less than $18 per week. B. Gardner, Indianapolis, Ind.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly.

FOREMAN, designer and thorough practical jeweler on fine diamond mountings, fancy cluster, single and set diamond rings, novel 14-karat, ladies' and gents' fancy stone rings; knows every detail of manufacturing; open for position at once. Address "F. & D., 7222," care Jewelers' Circular-Weekly.

MANUFACTURING JEWELER, foreman, producing first class bracelet line at lowest cost, seeks to make advantageous change in position or to find jobbing house to back him; 20 years' experience in the various branches of the jewelry business; highest references. "X., 7237," care Jewelers' Circular-Weekly.

SPECIAL EXPERT watchmaker on American, Swiss and French clocks; fine jewelry repairer and good stone setter; have complete Swiss and American tools; 16 years' experience; good reference; speak five languages, wishes to make a change about Oct. 1; New York State preferred. Address "7243," care Jewelers' Circular-Weekly.

POSITION WANTED with a first class house as superintendent, manufacturing the highest grade of diamond jewelry; former experience cheerfully given through mail. Address, "L. M., 7312," care Jewelers' Circular-Weekly.

Side Lines Wanted.

WANTED, by experienced traveling salesman, on commission, a line either of jewelry, combs, silver, watches or some line for jewelers in west and northwest States. "Commission, 7157," care Jewelers' Circular-Weekly.

MANUFACTURER of small novelty line, office Maiden Lane, New York, is in a position to display and sell non-conflicting line; selling best department stores and jobbers. Address "7253," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, first class jewelry repairer and stone setter. Wm. Hiles, 613 4th St., Sioux City, Ia.

WANTED, first class engraver and jeweler; send sample and reference. Chas. N. Hancher, Wheeling, W. Va.

WANTED, good engraver and jeweler; $25 per week; steady position to good man. Sylvan Bros., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, a good jeweler and engraver; permanent position for good man. Address M. E. La Vake, Princeton, N. J.

WATCHMAKER WANTED who can do trade work; steady position. L. S. Meyer & Bro., 38 Maiden Lane, New York.

JEWELER and engraver wanted; permanent position; $20 per week. Address "C., 7108," care Jewelers' Circular-Weekly.

WANTED, a young girl who has experience in polishing jewelry. Address "M., 7259," care Jewelers' Circular-Weekly.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

BOOKKEEPER WANTED who has experience in the wholesale jewelry line. L. S. Meyer & Bro., 38 Maiden Lane, New York.

WANTED, first class engraver; permanent position; salary, $25 per week. Address Edwards & LeBron, Chattanooga, Tenn.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

FIRST CLASS salesman, engraver or optician preferred, to go to Columbus, Ga. Address "F. T. P., 7149," care Jewelers' Circular-Weekly.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

WATCHMAKER and engraver; $20 per week; with railroad inspector; must own tools and give good reference. John A. Miller, Cairo, Ill.

HELP WANTED.—Continued.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, a jeweler, must be fast on general work; middle age man preferred. Address F. J. Bahni & Co., 117 S. Adams St., Peoria, Ill.

WANTED, man for general jobbing, clock and store work and assistant watchmaker; state salary and give reference. H. D. Couse, Newton, N. J.

WATCHMAKER, good workman, to help on watchwork; near Boston; give wages and references. "X. Y. Z., 7283," care Jewelers' Circular-Weekly.

WANTED, an experienced traveling silverware salesman; address, giving age, experience and reference. The Biggins-Rodgers Co., Wallingford, Conn.

WATCHMAKER and engraver, at once; give particulars in first letter; references, capabilities and salary desired. Herman S. Hewett & Co., Brockton, Mass.

SALESMAN WANTED for the road, precious and imitation stones; only experienced hustlers need apply. R. A. Breidenbach, 51 and 53 Maiden Lane, New York.

WANTED, first class watch and clockmaker and engraver; must be A1 workman; no others need apply; steady job, $20 per week. C. A. Tucker, Jeweler, Lincoln, Nebr.

MANUFACTURING JEWELER and diamond setter; first class on new work; must have first class references; state wages expected. Jessop's Jewelry Store, San Diego, Cal.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

BOY OR GIRL, age about 16, for office work; some knowledge of jewelry business preferred; must be honest and well recommended. Address "H., 7292," care Jewelers' Circular-Weekly.

WANTED, young woman who understands bookkeeping and has experience in wholesale office; state experience and salary expected. Address "H., 7256," care Jewelers' Circular-Weekly.

COMPETENT WATCHMAKER, engraver and optician; good wages; near New York City; sample of engraving and references. "V.," care Lissauer & Co., 12 Maiden Lane, New York.

WE NEED a number of first class jewelry salesmen for wholesale and retail trade; high grade propositions; salaries, $1,000 to $5,000; write to-day. Hapgoods, 305 Broadway, New York.

WATCHMAKER and plain engraver, about Sept. 15; single man preferred; permanent position; $12 to start; must have good references; manufacturing town. A. J. Potter, Lebanon, N. H.

WANTED, engraver and watchmaker, all around competent man for an up-to-date jewelry store in Ohio. Address A. B. Regnier, Marietta, O.; or, M. J. Averbeck, 19 Maiden Lane, New York.

FIRST CLASS watchmaker, jeweler and engraver, or watchmaker, who is a jeweler or engraver; accustomed to fine work; good, permanent position to right man. J. C. Robinson, Chester, S. C.

SIDE LINE; high grade mounted combs to men calling on retail jewelers; every part of the United States; splendid opportunity. "Manufacturer, 7295," care Jewelers' Circular-Weekly.

WANTED, a first class diamond setter, one who can make diamond mountings preferred; salary, $25 per week to start. Address A. C. Heinrich, Foreman, Geo. T. Brodnax, Inc., Memphis, Tenn.

WANTED, a jewelry repairer, a thoroughly competent workman on all classes of work; one who can do stone setting preferred; a permanent position to the right party. Baird-North Co., Salem, Mass.

WANTED, a competent jeweler, watchmaker and engraver; references and samples of engraving required; don't apply unless you are competent and willing to work. Address Box 203, Paris, Tenn.

OPPORTUNITY in New York State for young man who is up on jewelry and clock repairing, to finish on watchwork; state wages and references. "Business, 7284," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker and optician; must be able to pass State examination in optometry; permanent position offered right man; state salary expected. Jessop's Jewelry Store, San Diego, Cal.

WANTED, CLOCKMAKER, who is also an experienced letter and monogram engraver; send samples of engraving with references; and state salary wanted. Address C. L. Byrd & Co., Memphis, Tenn.

WANTED, good monogram, old English and script engraver, jeweler and diamond setter; must have experience; only good man need apply; good reference; steady job; state wages. Box 614, Wheeling, W. Va.

WANTED, first class jobbing jeweler and diamond setter, also one quick jobbing jeweler; young men preferred; permanent position and good wages to right parties. Lawrence L. Moore & Co., Seattle, Wash.

WANTED, AT ONCE, a first class watchmaker and engraver; $18 per week to right man; must be sober; young and single man preferred; good easy, steady position; hurry answer. Harper & Taylor, Salisbury, Md.

WANTED, manufacturing jeweler for fine retail store in Texas; must be fine general workman; one who can enamel and make fine settings; pleasant, steady position. Address "A. B., 7075," care Jewelers' Circular-Weekly.

WANTED, first class jeweler for platinum work; also good stone setter; for Cleveland, O.; wages, $25 per week to start; rapid advancement. For particulars inquire Kionka & Wagner, Room 61, 51 Maiden Lane, New York.

WANTED, silverware salesman, watch salesman and watchmaker for New York Fifth Ave. store; only those who thoroughly understand their business need apply. Address "E. M. H., 7297," care Jewelers' Circular-Weekly.

WANTED, good watchmaker; must be first class workman, and of good address; good wages to the right party. Address, with references and full information, Radke & Co., Rush St. and Van Ness Ave., San Francisco, Cal.

COPPER PLATE and steel die engraver; state if you understand printing and embossing, and if you can engrave on silverware; permanent position offered; state references and salary expected. Jessop's Jewelry Store, San Diego, Cal.

WANTED, a modeler who understands touching up of figures before casting, such as busts, groups, etc. Apply to Gorham Co., Providence, R. I.

YOUNG MAN of unusual ability in designing rich and original platinum diamond jewelry, can secure a position of importance; give fullest detail; correspondence strictly confidential. Address "Diamonds, 7241," care Jewelers' Circular-Weekly.

WANTED, a first class optician; one who understands edge grinding preferred; steady employment and good wages to the right man; must come well recommended. Address "Central Connecticut, 6640," care Jewelers' Circular-Weekly.

DIAMOND SETTER on nigh grade work; also two good diamond mounters on platinum work, and an experienced jewelry engraver; steady positions the year round and liberal wages to good workmen. Apply to J. Milhening, 195 State St., Chicago, Ill.

WANTED, AT ONCE, a traveling salesman; must have experience in watch and jewelry line; those applying will please furnish reference and length of time you have been employed in this capacity; good salary to a capable man. Address Goddard, Hill & Co., Pittsburg, Pa.

WANTED, first class watchmaker by one of the largest stores in New England; give all particulars in first letter regarding salary, references and capabilities; good salary and permanent position to good man. Address "X. L., 7070," care Jewelers' Circular-Weekly.

SINGLE MAN, first class watchmaker, engraver and salesman; good salary; permanent position to the right man; none other need apply; sample engraving, references and state salary expected in first letter; must own watchmaker's tools. J. J. Spencer, care Thoma Bros., Cincinnati, O.

WANTED, an experienced traveling salesman for southern territory, one with established trade preferred. Adolph Goldsmith & Son, 68 Nassau St., New York.

PERMANENT and congenial position for first class watchmaker with references; would like to correspond with competent person. G. A. Comstock, Ansonia, Conn.

WANTED, a watchmaker, who can engrave preferred; good salary; permanent position; must have good references. Address, S. P. Schuessler, Reymond Building, Baton Rouge, La.

MODELER WANTED, one who understands modeling of ornaments for handles and borders of hollow-ware; good position offered for competent workman. Apply "7212," care Jewelers' Circular-Weekly.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

WATCHMAKER, thoroughly experienced on complicated and railroad work, to take charge of department; salary $25; permanent; hours 8 to 6; send references; state earliest can report for work. The Thompson-Brannon Co., Asheville, N. C.

WANTED, first class watchmaker and engraver, or first class jeweler and engraver; permanent position; salary $25 per week; send sample of engraving and reference with first letter; none but first class workmen need apply. E. F. Jakeman, Norfolk, Va.

Business Opportunities.

FOR SALE, a well established, good paying jewelry business in Chicago. Address "Paying, 7036," care Jewelers' Circular-Weekly.

WANTED, a partner with $10,000 in a well located jewelry business in Chicago; a fine chance for a hustler. Address "B., 7037," care Jewelers' Circular-Weekly.

$450 BUYS jewelry store; New York State, manufacturing town of 6,000; fine chance for young man; good repair trade; up-to-date store. Address "7276," care Jewelers' Circular-Weekly.

FOR SALE, half interest in a well established refracting business; well equipped shop in connection; located in one of the finest office buildings in Chicago. Address "Snap, 7249," care Jewelers' Circular-Weekly.

A FIRST CLASS jewelry store on one of the busiest corners in Chicago; stock and fixtures between $3,000 and $3,500; will sacrifice if sold at once; good reasons; a rare opportunity. "M., 7162," care Jewelers' Circular-Weekly.

FOR SALE, jewelry, optical and loan business; city of 28,000 population; stock mostly watches and diamonds $12,000; will reduce and discount; sale on account of failing health. Particulars, Joe H. Lindsey, Fort Smith, Ark.

JEWELRY STORE, established in New York in a central location, for sale; with or without stock; splendid opportunity for a practical man with a small capital; principals only. Address "A., 7242," care Jewelers' Circular-Weekly.

AN OPPORTUNITY for experienced jewelry man to secure large interest in established, successful retail jewelry business, by investing $20,000; only experienced jewelry man need apply. Diamond Box 7279, care Jewelers' Circular-Weekly.

CASH FOR WATCHES and diamonds; send them at once and get your money by return mail. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

(*Special Notices continued on page 82.*)

Special Notices.

(Continued from page 81.)

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET a nice light office in the Downing Building, 106 Fulton St., New York; reasonable rent. Apply H. & E. O. Belais, 47 John St., New York.

OFFICE, or part of it, to let with splendid light; suitable for letter engraver, watchmaker or diamond dealer; with use of telephone. D. Offenhutter, 12-16 John St., New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

FOR RENT, a desirable light office in the Prescott Building, eighth floor; for particulars inquire at room 55, 65 Nassau St., New York.

Wanted to Purchase.

WANTED, jeweler's regulator; must be in first class condition and good timekeeper. Smith, 3370 Third Ave., New York.

WANTED, TO PURCHASE, Chinese jade, cut or uncut, suitable for manufacturing purposes; what have you? Address "H. F. W., 7255," care Jewelers' Circular-Weekly.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

For Sale.

FOR SALE, polishing lathe; cost $20; sell for $8; give you 20 buffs. Bayles Co., 92 William St., New York.

FOR SALE, ½ and 7½ horse power Crocker-Wheeler motors in splendid condition. G. W. Heath & Co., 380 Canal St., New York.

FIXTURES for sale; send for photographs and prices of old fixtures; moving into newly furnished store. Jaccard Jewelry Co., Kansas City, Mo.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

If You Know the Marks

you are not confined to the limitations of your stock, but will be able to supply any goods desired. Frequently a resident of a town or city will return from a visit to a larger city, bringing back an attractive novelty or piece of jewelry that is greatly admired by her friends, who will probably want to obtain others like it. They will first call on a local jeweler and if he is not an up-to-date jeweler he will turn them away disappointed because he has not the articles in stock. If, however, he is a progressive dealer, he will examine the trade-mark on the article, identify the maker and send for a line on memorandum. He will tell his prospective customers that he has not the goods in stock just at present, but will have them in a few days. He will make a sale, and every sale counts. But more than this, he will agreeably surprise and please his patrons and will convince them that it is not necessary to go out-of-town to obtain the latest and best productions of the jeweler and silversmith.

"TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES"

(Second Edition)

will enable the jeweler to identify the maker of any article embraced in the jewelry and kindred trades. It illustrates 4,000 marks and covers every branch of the trade. It also contains much interesting and valuable reading matter on the subject of trade-marks in general.

One jeweler, after having the book for a while, wrote: "This book has been invaluable to us upon many occasions. Like the cowboy's pistol, 'tis not required every day, but when needed it is wanted quite bad."

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1906-1907 EDITION

OF

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OF THE

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IN THE

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PATENT DEPARTMENT

[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF AUG. 14, 1906.

828,393. MIRROR FOR BRUSHES OR THE LIKE. Homer Emerson, Milton, Mass. Filed Sept. 16, 1905. Serial No. 278,766.

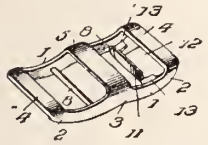
In a device of the class described, the combination of a supporting member provided with a re-



cess therein, a mirror snugly fitting in said recess, a side of the recess being undercut so as to overlap the edge portion of the mirror, and a flat spring secured in the recess and bearing against an edge portion of the mirror to hold it in engagement with the undercut portion of the recess and prevent displacement thereof.

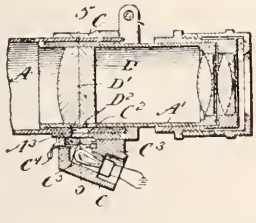
828,475. CROSS-LINE BUCKLE. Daniel G. Hawkins, Lamont, Okla. Filed Feb. 26, 1906. Serial No. 303,092.

A cross-line buckle comprising side pieces, a cross-bar connecting the side pieces and provided with a strap-engaging stud, a pair of cross-bars



connecting the side pieces and lying in a plane spaced from the first mentioned cross-bar, and a clamping member mounted upon one of the pair of cross-bars and adapted to hold the strap into a close engagement with the stud upon the first mentioned cross-bar.

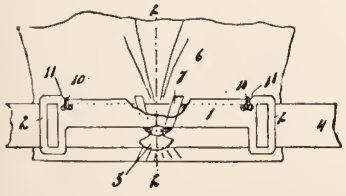
828,511. TELESCOPE. George N. Saegmuller, Rochester, N. Y., assignor by direct and mesne assignments, of one-half to Bausch, Lomb, Saegmuller Co., Rochester, N. Y., and



one-half to J. L. Latimer, U. S. Navy. Filed July 1, 1905. Serial No. 267,946.

A compound telescope comprising two independent adjustable telescopes each fixedly arranged in parallelism with the other and of different power and area of field from the other, cross-lines provided in the telescope of lower power, and means for artificially illuminating said cross-lines.

828,577. SHIRT-WAIST HOLDER AND SKIRT-SUPPORTER. Joseph P. Sherman,

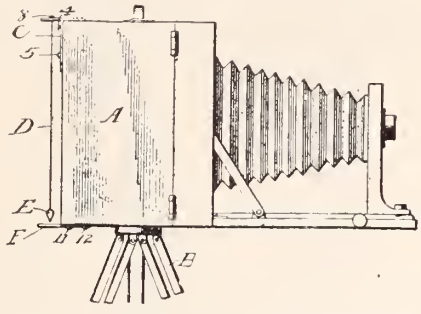


Detroit, Mich. Filed Feb. 5, 1904. Serial No. 192,118.

In a device for the purpose set forth, the combination of a flexible metallic strap, a waist-tape upon which said strap is adjustably mounted, said strap having a tongue projecting from its lower edge for engaging a loop attached to the shirt-waist, said loop lying between said strap and tape, the upper edge of the metallic strap terminating near the top of the skirt-band to be engaged by hooks upon said band.

828,521. CAMERA LEVELING AND PLUMBING DEVICE. Archibald N. Sinclair, Honolulu, Hawaii. Filed Nov. 9, 1905. Serial No. 286,631.

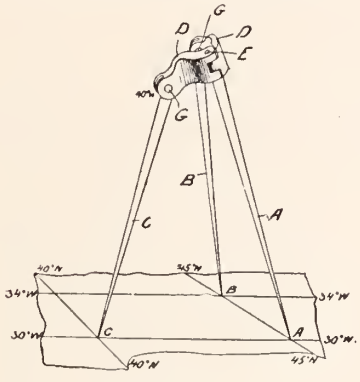
The combination with a camera, of a plumb-line



support secured thereto, a plumb-line carried by said support, and an indicator secured to the camera for denoting the position thereof.

828,608. DIVIDERS. Edward Keane, New York. Filed April 6, 1906. Serial No. 310,348.

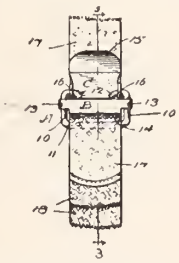
In three-legged dividers, a straight leg fixed on the axis of a hinge and in alinement with said



axis, and two adjustable legs fixed to the wings of said hinge.

828,626. BUCKLE. Joseph H. Pilkington, Waterbury, Conn. Filed Jan. 29, 1906. Serial No. 298,472.

A buckle comprising a frame, a slide moving freely



thereon and a lever pivoted on the frame and carrying cams adapted to engage the slide to move the latter into locking position.

828,672. CLASP. Salo Levy, New York. Filed July 6, 1905. Serial No. 268,413.

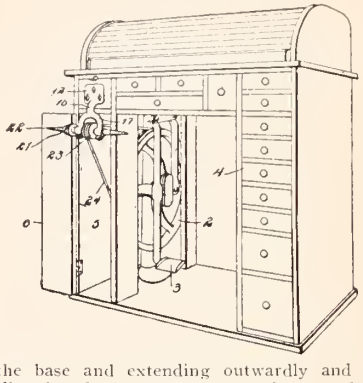
A clasp comprising a top part or head having a downward extension on one side integral therewith,



a pointed pin secured in the center of the lower surface of said head and adapted to pierce through fabrics, a base part movably joined to the downward extension of the head, and means to hold the device in a closed position.

828,745. ATTACHMENT FOR JEWELERS' BENCHES. James O. Kellum, Bingham Lake, Minn. Filed Sept. 8, 1905. Serial No. 277,568.

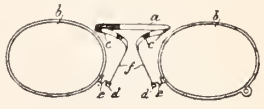
The combination with a jeweler's bench having an opening in the front and adjacent to one end thereof; a lathe-operating mechanism in said bench and in line with said opening; of a block adapted to take into said opening, means to removably secure said block therein, a flat base having a plurality of elongated slots therein mounted upon said block, bolts extending through said block and slots to adjustably secure the base on said block, an arm integral with the lower edge



of the base and extending outwardly and downwardly therefrom, the lower end thereof being forked, a spindle rotatably carried by said fork, a pulley on said spindle, means disposed between said pulley and operating mechanism to rotate the spindle when the mechanism is operated.

828,812. PINCE-NEZ EYEGLASSES. Hugo Brinkhaus, Berlin, Germany. Filed July 6, 1905. Serial No. 268,309.

In eyeglasses, the combination of lenses with spring member, comprising an upper portion curved



in a horizontal plane forming the bridge, and portions extending rearwardly and downwardly forming nose-guards, and means for attaching said spring members to said lenses.

828,810. UMBRELLA. George S. Bowling and James M. Bowling, Clarksville, Tenn. Filed Jan. 16, 1906. Serial No. 296,278.

An umbrella comprising a handle, a rod or stick



revolubly mounted in said handle, a spring-actuated locking-dog carried by said rod or stick and adapted to engage a seat in said handle to prevent the rotation of said rod or stick, and means for retracting said dog or catch.

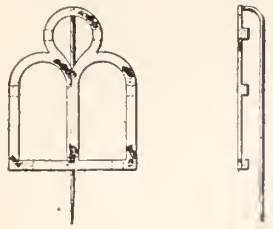
DESIGNS.

38,157. BADGE. Charles S. Hurd, Newark, N. J., assignor to Riker Bros. Filed July 5,



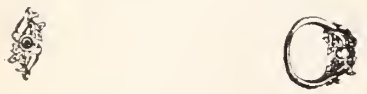
1906. Serial No. 324,864. Term of patent 7 years.

38,158. BADGE OR PIN. Benjamin Joachim, Newark, N. J. Filed June 12, 1906. Serial



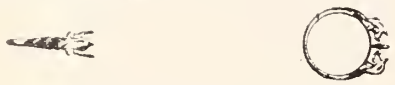
No. 321,413. Term of patent 7 years.

38,159. RING. Max H. Kling, New York. Filed



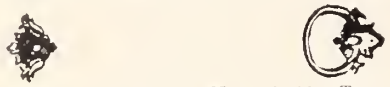
June 2, 1906. Serial No. 319,968. Term of patent 3½ years.

38,160. RING. Max H. Kling, New York. Filed



June 2, 1906. Serial No. 319,969. Term of patent 3½ years.

38,161. RING. Max H. Kling, New York. Filed



June 2, 1906. Serial No. 319,970. Term of patent 3½ years.

38,162. CHARM. Nathan B. Levy, Scranton,



Pa. Filed June 28, 1906. Serial No. 323,963. Term of patent 14 years.

38,163. MOUNT FOR SILVERWARE. August



Miller, Taunton, Mass., assignor to Reed & Barton Corporation. Filed June 25, 1906. Serial No. 323,389. Term of patent 14 years.

UNITED STATES TRADE-MARKS.

REGISTERED AUG 14 1906

55,275. OPERA-GLASSES AND FIELD-GLASSES. Sussfeld, Lorsch & Co., New York.

Filed Sept. 21, 1905. Serial No. 16,079. Published June 5, 1906.

55,276. OPERA-GLASSES AND FIELD-GLASSES. Sussfeld, Lorsch & Co., New York.

Filed Sept. 21, 1905. Serial No. 16,080. Published June 5, 1906.

55,327. WATCHES, WATCH CASES AND WATCH-MOVEMENTS. D. Gruen & Sons, Cincinnati, O.

Filed April 15, 1905. Serial No. 1,755. Published June 12, 1906.

55,363. SILVER TABLE WARE, HOLLOW WARE AND FLAT WARE. Alvin Mfg. Co., New York.

Filed April 15, 1905. Serial No. 1,755. Published June 26, 1906.

55,364. AUTOMOBILE-TIRES AND TIRE-TREADS.

55,374. WATCHES AND PARTS THEREOF. Dubois Watch Case Co., New York.

Filed March 28, 1906. Serial No. 18,314. Published May 15, 1906.

55,389. WATCHES, WATCH CASES AND WATCH MOVEMENTS. The Keystone Watch Case Co., Philadelphia, Pa.

Filed April 30, 1906. Serial No. 19,183. Published June 26, 1906.

55,386. SILVER AND PLATED WARE. Wm. Hutton & Sons, Ltd., Sheffield, Eng.

Filed Feb. 12, 1906. Serial No. 16,956. Published May 29, 1906.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Aug. 13, 1889.

408,707. COFFEE-POT. Hanson Goodrich, McLeansborough, Ill.

408,721. UMBRELLA. H. A. L. C. Kahle and F. W. Kirchhoff, New Orleans, La.

408,722. UMBRELLA RIB. H. R. Kemp, Gloucester City, N. J., and H. E. Marsden, Philadelphia, Pa., assignors of one-third to C. T. Schoen, Philadelphia, Pa.

408,725. ASTIGMATIC EYE-PIECE FOR OPTICAL INSTRUMENTS. Joseph Kornblum, J. A. Brashear and Park Painter, Allegheny, Pa.

408,830. WATCH-CASE. Jules Dubois, Brooklyn, N. Y.

408,834. SUSPENDER-BUCKLE. W. T. Finney, Bentonville, Ind.

408,846. AUTOMATIC TIME-SIGNAL. C. H. Pond, Chicago, Ill., assignor to Self-Winding Clock Co., New York.

408,903. MUSICAL CLOCK. John Sprangers, Kaukauna, Wis.

408,909. FOUNTAIN-PEN. J. D. Bray, Montreal, Canada.

408,835. CLIP FOR SILVERWARE CASES. Henry and William Siebert, Bayonne, N. J.

408,855. PENDULUM. W. D. Davies, Brooklyn, N. Y.

408,865. FERRULE. J. A. Furman, Newark, N. J., assignor to Celluloid Novelty Co., New York.

408,873. CANDLESTICK. Julius Heller, Teplitz, Austria-Hungary.

409,026. ENGRAVING-MACHINE. W. S. Eaton, Sag Harbor, N. Y., assignor to Fahys Watch Case Co., New York.

409,132. BUTTON OR BADGE. S. C. Wilcox, Dubuque, Ia., assignor of one-half to A. V. Richards.

409,150. ESCAPEMENT. Alexander Kaiser, Berlin, Germany, assignor to Ludwig Marchwald, same place.

Design issued Aug. 15, 1899, *for* 7 *years.*

31,387. BADGE. C. G. Wilson, Reading, Pa.

Designs issued Feb. 10, 1903, *for* 3½ *years.*

36,220. SPOON HANDLE. Eustace Crees, and C. S. Court, Providence, R. I., assignors to Watson & Newell Co., of Rhode Island.

36,221. BUTTONHOOK. Otto Leigh, Newark, N. J., assignor to Unger Bros., same place.

36,222. BRUSH BACK. Otto Leigh, Newark, N. J., assignor to Unger Bros., same place.

36,223. BRUSH BACK. P. O. Dickinson and Otto Leigh, Newark, N. J.

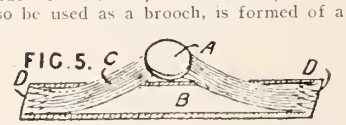
BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF AUG. 1, 1906

6,985. FLOWER, ETC., HOLDERS. S. Hunt and A. Hunt, both in Warwickshire. April 3.

A holder for flowers, ribbons, lace, etc., which may also be used as a brooch, is formed of a pair



6985

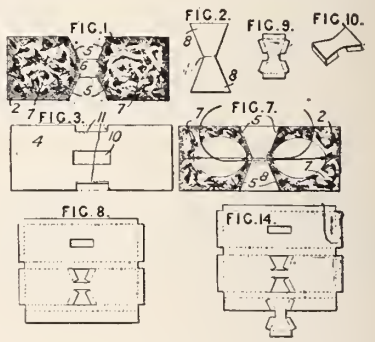
of gold, silver, etc., blanks A, B connected by an elastic band or coiled spring C attached by turned-down prongs D. The blank B is fastened to the dress by an ordinary brooch pin.

7,027. CLEANING SILVER. R. B. Ransford, Surrey (Silvercase Co., New York, U. S. A.). April 3.

Silver articles are cleaned by means of a composition consisting of a mixture of four parts of sodium carbonate and one of calcium carbonate. One ounce of this mixture is added to about two quarts of water, placed in a tin-lined vessel, and heated to 212° F. The articles to be cleaned are immersed for from five to 10 minutes, removed, wiped with a soft towel, and rinsed in clear water.

7,046. SPECTACLES. C. E. Linnig, Peru, Ill., U. S. A. April 3.

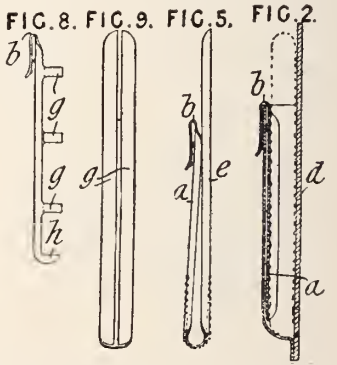
A protector or holder for use in packing spectacles for transit consists of three pieces, a base-piece, a bridge-piece and a top-piece. These pieces are shown formed separately in Figs. 1, 2, 3 and 7. The base-piece 2, Fig. 1, is of the form shown,



having upwardly turned guard-walls 5 and a neck 6 on which the nose-piece of the spectacles rests. A layer 7 of cotton or like material is preferably provided to protect the lenses. The bent bridge-piece 8, Fig. 2, is placed in the position shown in Fig. 7, and the top-piece 4, Fig. 3, is placed over it. This top-piece has a central slot 10 and downwardly bent parts 11 to hold the bridge-piece 8 in place. The holder may be made out of a single blank of either of the forms shown in Figs. 8 and 14, bent along the dotted lines. When a blank of the form shown in Fig. 8 is used, the bridge-piece is made from a blank of the form shown in Fig. 9, bent as shown in Fig. 10.

7,113. PEN, ETC., HOLDERS. C. Bristow, London. April 4.

Holders for fountain-pens, pencils and the like are fitted with clips for attaching to the pocket and

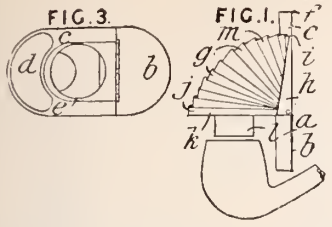


for protecting the pen, etc. A plate *a*, Fig. 2, of tempered steel or other metal, curved in cross-section and bent at one end to form the hook or spring clip *b*, extends the full length of the leather pouch *d*, which may be stiffened. In the form shown in Fig. 5, the pouch or clip *c* is made in one piece with the plate *a*, and when made of soft metal may be provided with a bent steel spring at the bend. In the form shown in Fig. 8, the pen is held by bent clips *g* on the plate and a shoe *h* at the bottom. The clips *g* may extend the full length of the back, as shown in Fig. 9, and meet down the center line. In holders for two or more pens, one or more plates may be used, secured in front of the pens. This invention is stated to be applicable to clinical thermometers, eyeglasses and other articles usually carried in the pocket.

7,122. MATCH-BOXES. H. S. Allison and A. C. C. Haverson, both of London. April 4. No patent granted (sealing fee not paid).

Match-boxes are provided with folding wind-guards formed of segments which open out into a lobster-back shape. The match-box *a*, Fig. 1, has

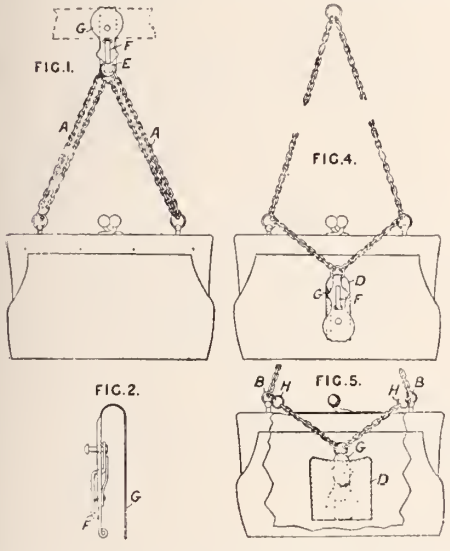
a lid *b* and an extension *c* with a striking-plate *d*, Fig. 3, and an aperture *e*. The segments *g* are



hinged at *h* and provided with rims *m*, and the extreme sections move respectively over a ridge *i* on the extension *c* and over the rim *j* of a plate *k* provided with an opening surrounded by a rim *l*. When closed, the segments fit inside the rim *f*. The box and guard may be made of metal or other material.

7,132. CHATELAINE, ETC., BAGS, PURSES. R. A. Woolnough, London. April 4.

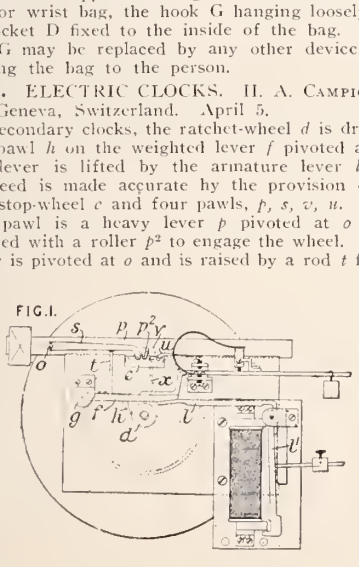
A bag or purse is so arranged that it may be used either as a wrist or hand bag or as a châtelaine bag. One portion of the chain A is permanently secured to the hook G, which is adapted to engage



with the châtelaine holder. To convert the arrangement from a châtelaine bag to a hand or wrist bag, the link E, Fig. 1, of the chain is disengaged from the spring-pressed piece F, Figs. 1 and 2, pivoted to the hook G, and the hook G is then slipped into the hole or pocket D, Fig. 4, formed in the outer surface of the bag. Fig. 5 shows a modification in which rings, balls or bars H bear against the rings B and support the bag when it is used as a hand or wrist bag, the hook G hanging loosely in the pocket D fixed to the inside of the bag. The hook G may be replaced by any other device for securing the bag to the person.

7,211. ELECTRIC CLOCKS. H. A. Campiche, Geneva, Switzerland. April 5.

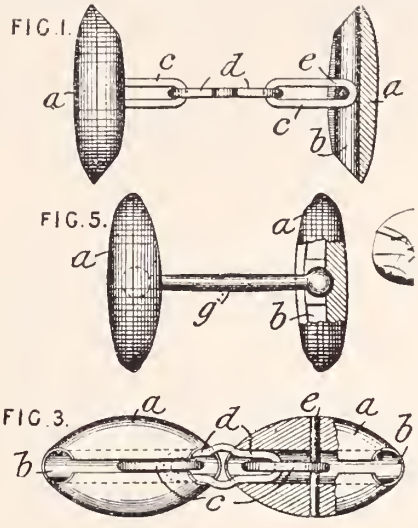
In secondary clocks, the ratchet-wheel *d* is driven by a pawl *h* on the weighted lever *f* pivoted at *g*. This lever is lifted by the armature lever *l*, l^1. The feed is made accurate by the provision of a large stop-wheel *c* and four pawls, *p*, *s*, *v*, *u*. The main pawl is a heavy lever *p* pivoted at *o* and provided with a roller p^2 to engage the wheel. The pawl *s* is pivoted at *o* and is raised by a rod *t* fixed



to the lever *f*. The pawl *v*, which may be dispensed with, is moved by a similar rod *x*, but locks the wheel *c* as the rod *x* rises. The pawl *u* is a gravity pawl.

7,278. SLEEVE-LINKS, STUDS. J. W. Caldicott and J. R. Mawson, both of Birmingham. April 6.

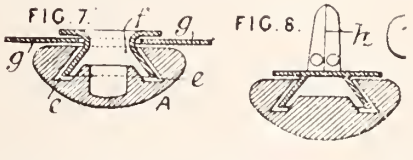
Relates to the class of sleeve-links and collar and other studs in which the connecting-links or the like can be locked in slots in the buttons to facilitate insertion in the cuffs, etc. The studs or buttons *a* are formed with nearly closed tubular



grooves *b* in which the links *c*, Figs. 1 and 3, are pivoted by pins *e*. The sleeve-links are made rigid for insertion by turning the studs *a* until the links *c* enter the grooves *b*, as shown in Fig. 3, the connecting-link *d* serving as a stop. The link *d* may be replaced by a barrel-shaped connection. In the modification shown in Fig. 5, the links are replaced by a bar *g* which is connected with the studs by ball-and-socket joints. Chains and other connections may be also used with the ball-and-socket joints. In the case of collar, etc., studs, only one of the studs may be provided with a groove *b*, there being a rigid or pointed connection with the unslotted stud.

7,225. BUTTONS, STUDS. Compagnie Française des Boutons de la Marque, J. P., 30 Rue Moret, Paris. April 5. (Date applied for under Patents Act, 1901, April 14.)

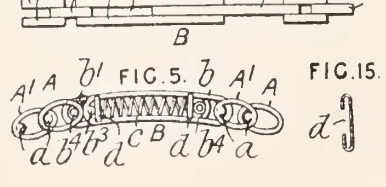
Buttons of the form shown at A, Fig. 7, are



fashioned from pasteboard blanks by means of suitable punches and dies. Hollow metal shanks *f* are secured to the button heads by pressure, and fit into the annular, conical grooves *e*. In attaching such a button to leather or like material *g*, the shank *f* is passed through a perforation in the latter and flared down so as to grip it. In the case of a stud for a shirt front, the shank is provided with a back-plate and folding wings *h*, as shown in Fig. 8.

7,366. BRACELETS. R. Emrich, London. April 7.

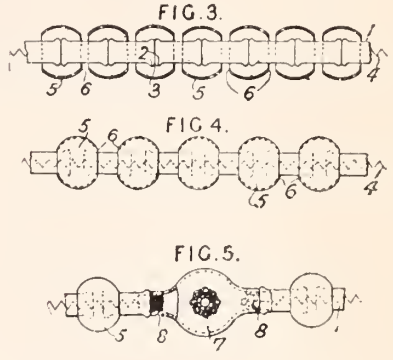
A flexible chain bracelet is formed of ordinary links A, A^1 and expanding links B. The expand-



ing links are made in two sliding parts, or sets of parts *b* and b^1, b^2, connected respectively by pins b^3, b^4. The links A, A^1 are connected together and to the links B by pins *a*. Springs *c* of oval section, with end-plates *d*, Fig. 15, bearing against the pins b^3, b^4, control the motion of the sliding parts, and are hidden by cover-plates b^2.

7,409. BRACELETS, CHAINS, ETC. E. Murrle, London. April 7.

Expanding bracelets, chains, etc., of the type described in Specification No. 6,996, A. D. 1896, are formed by threading beads 5, Fig. 3, over sharply meeting ribs 2 on a tube 1 containing a



spiral spring or elastic 4. The openings 6 of the beads having been reduced, the tube is snapped at the points 3, as shown in Fig. 4. The chain, etc., may be closed by the fancy connection 7, Fig. 5, which screws on to the plugs 8 at the ends of the spring.

Applications filed July 16 to July 21, 1906.

16,096. UMBRELLA. R. R. Douglas, 46 Lincoln's Inn Fields, London.

16,136. POCKET-WATCH-PROTECTOR. Lionel Barnett, 59 Tenby St., Birmingham.

16,167. SAFETY-PIN. J. H. Scott, Breams building, Chancery Lane, London. Complete specification.

16,288. HAT PIN. Charles Baker, 9 Tempest Hey, Liverpool.

16,294. CANDLESTICK. T. D. Harries, Grosvenor House, Aberystwyth.

16,398. WATCH-GUARD. Gennaro Azzeroni, 6 Brandon Mansions, West Kensington, London.

16,438. HAT-PIN ATTACHMENT. Hermann Mozer, 40 Chancery Lane, London.

16,478. MATCH BOX. Joseph Walker, 19 Warstone Lane, Birmingham.

16,479. CARD CASE. Joseph Walker, 19 Warstone Lane, Birmingham.

16,480. MATCH BOX. Joseph Walker, 19 Warstone Lane, Birmingham.

16,483. ORNAMENTING METALS. C. M. Gonne and Henry Gonne, 321 High Holborn, London.

16,511. OPTICAL INSTRUMENT. Rathenower Optische Industrie-Anstalt vorm. Emil Busch Akt.-Ges., 77 Chancery Lane, London. Complete specification.

Complete Specifications accepted July 25, 1906.

1905.

16,611. CARD CASE. Yardley.

21,867. FASTENER FOR BRACELETS, ETC. Satchwell.

1906.

845. DETACHABLE UMBRELLA-HANDLE. Rosenstein.

4,060. BRACELET. Emrich.

6,789. FOUNTAIN-PEN. Sinnott.

14,588. CONDIMENT-HOLDER. Jones.

At Priceburg, Pa., a short time ago, thieves broke into the store of J. Sheneski and carried off jewelry valued at about $500. The jeweler, who lives in the rear of the store, was awakened by the thieves, who told him to make no outcry or he would be shot.

Mainspring Don'ts

Simple Hints for Those Who Handle Mainsprings

Don't fail to provide yourself with the best mainspring winder that can be obtained. See that the hooks on all arbors of the winders are no longer than the thickness of the thinnest spring, and thus avoid kinking, and therefore unnecessary breaking of mainsprings.

Don't use a mainspring that is too long, because it fills the barrel and prevents that part, or the mainwheel, from making the required number of revolutions, with the consequence that the watch will not run as it should after each winding.

Don't use a mainspring that is too strong, because it will set, increase the percentage of breakage and injure the watch.

Don't use a mainspring that is too wide, and be sure that the tip and brace do not extend beyond the limits of the cover and barrel.

Don't forget that a mainspring should not occupy more than one-third the diameter of the barrel, thus leaving two-thirds to be divided between the arbor and winding space, to enable the watch to run about thirty-six hours.

Don't expect a mainspring to be flat if you put it in the barrel with the fingers. This method usually injures the spring, gives it a cylindrical form, and thereby increases the friction in the barrel.

Don't bend the inner or outer end of the mainspring with flat-nosed plyers, but provide yourself with specially made round-nosed pliers which will give a circular form to these parts, prevent short bends, contract the inner coil, and thus secure a closer fit to the barrel arbor without injuring the spring.

Don't expect other than a properly fitted flat mainspring with rounded edges to produce the least friction in the barrel, allow the greatest amount of power to the train, and give the best results as to time, service, etc.

Don't expect a mainspring to always endure extreme changes in temperature, or electrical disturbances, or straightening at full length, or neglect from lack of cleaning and oiling.

Don't expect a watch that needs cleaning or other repairs to run satisfactorily by merely putting in a new mainspring.

Don't expect a mainspring to plough through too much dirt.

Waltham Watch Company

Waltham, Mass.

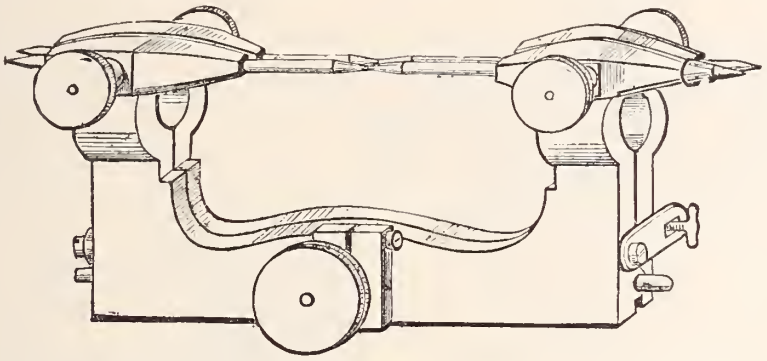
THE HOROLOGICAL REVIEW.

Watch Repairing.

By H. Reinecke.

(Continued from issue of Aug. 8.)

As a competent watch repairer ought to know the uses of the best known tools made at the present time for the purpose of examining and repairing watches, etc., it may be proper to continue to explain the construction and the handling of the leading ones. The depthing tool is the one chosen for our text. It may be convenient in this connection to enlarge to some extent on the properties of wheels and pinions, especially of the latter.



WATCHMAKER'S DEPTHING TOOL FOR TESTING PARTS OF AN ESCAPEMENT, ETC.

A depthing tool as here represented is an instrument used to test the action of a wheel and a pinion or parts of an escapement, and some other operations. This tool is one of the most indispensable to horologists in all their branches. It is made in various sizes for the use of clock, chronometer and watch manufacturers and repairers. It consists of two frames resembling a turn bench, which are jointed and set at various distances by a fine screw, and kept in position when so set by a strong spring. The former and the latter are placed on opposite sides of the lower part of the tool. Each of these two frames has a curvature in its inner side, which jointly form a circular opening for facilitating the view of depths, etc., when set between the four centers shown in the upper part of the drawing. The greatest accuracy of construction in the parallelism and lining of these centers is essential, and these properties are to be examined in the following manner: It should be carefully observed whether the points of the centers meet accurately. They should, when turned end for end and transposed, show after each change no deviation in a circular line described by the points. Such circular lines should be described by large and small diameters.

Before performing these operations it is advisable to remove the adjusting screw and the resisting spring and to examine the freedom of the joint, which is, in recently purchased tools, frequently stiff. This stiffness is often caused by dirt left by the finishing and polishing process. A radical remedy for cleaning this would be in the removal of the joint pin, but as this cannot be done without some violence it is better to work the joint to and fro for some time with the moistening of alcohol, which will remove the remains of the polishing stuff most readily, as is proved in the freeing of the joints of gold watch cases when the fly spring does not operate freely. The application of a little thin oil is also recommended; a little heating of the joint in the latter case will cause the oil to enter between the steel pin and the brass.

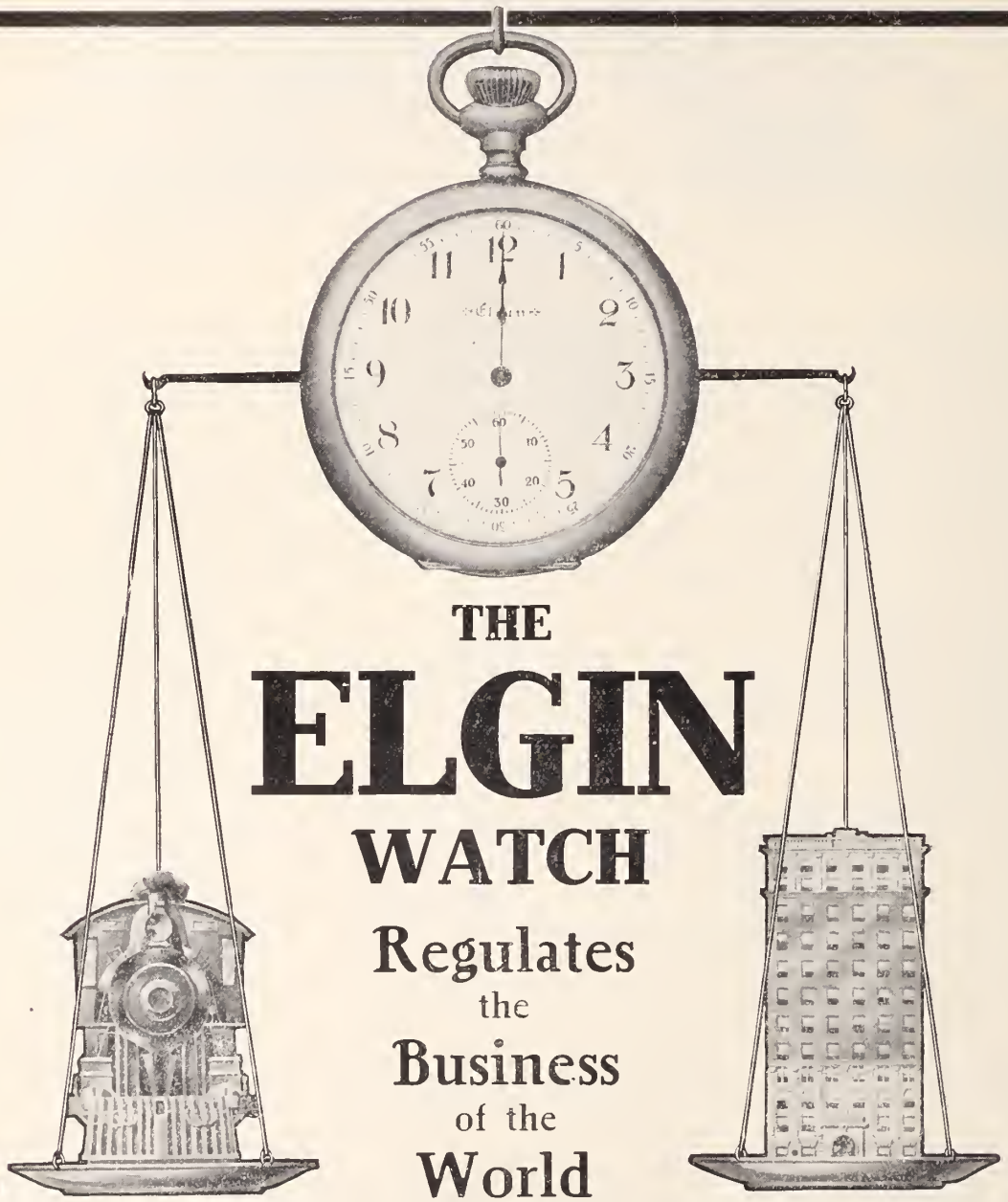
When examining depths of wheels and pinions, for which this tool is principally intended, it should be held in the left hand, reserving the right hand for moving the centers and the adjusting screws. In placing a pinion and a wheel in the tool, place the face of the pinion toward that side of the circular opening from which you wish to view the depth with its points or pivots between the centers on the left. When the tool is opened sufficiently to admit the wheel without touching the pinion, place it between the centers on the right and keep your finger on its outer edge, while letting the tool close gradually by turning the screw, to prevent the wheel from butting against the pinion. Such butting might bend a pivot or do some other injury. When the faces of the wheel and pinion are set level by shifting the centers, so as to be better able to see the depth, give the wheel freedom of motion, but leave the pinion friction tight on its centers, to be better able to feel butting if the pinion is too large, and dropping if the pinion is too small. Now hold the tool to the light, turn the wheel by the forefinger, and while looking through the wheel and pinion they are brought into depth by the adjusting screw.

If the pinion has straight cut leaves, the shoulder or beginning of the rounding of a wheel-tooth should come in contact with the shoulder of a pinion leaf; the two sides of tooth of wheel and leaf of pinion will then be parallel. But if the pinion is one sometimes met with, which is named by some a barley-corn pinion, which is undercut and has slightly curved sides, the contact on the corner of the wheel-tooth will be nearer the center. It is very important, however, that the engaging contact never takes place on the curves of the wheel-teeth or leaves of the pinions, for if it does a butting will be the result.

In moving the wheel forward when set to an estimated correct depth, a careful survey should be taken to see if there is freedom between the teeth of the wheel and the pinion at every point during their progress from time of first contact till the wheel leaves the pinion. When butting takes place it generally indicates that the pinion is too large for the wheel. If the fault is not too great it may be got over by slightly increasing the depth. But changing the pinion would be the proper thing to do, as the engagement between a wheel and a pinion, when the latter is somewhat too large, takes place more before the lines of center, while the contrary is the case where a pinion is a trifle too small.

If a depth has been set correctly in a depthing tool and it is found that this does not correspond to its distance in a watch with brass pivot holes, as are generally found in an ordinary cylinder watch, it will be necessary to bush the hole in the plate and mark off the proper depth. For this purpose the centers are loosened by the binding nuts and the wheel and pinion removed. Then, while one center is set tight the tool is held in an upright position with the point of the tight center placed in the hole from which the distance is to be measured, and the loose center is brought down

The Balance of Business



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until it touches the plate, observing critically if the tool stands perfectly upright, as any deviation in this respect would cause the depth not to be marked correctly.

For the better observation of the upright position of the tool, the plate should be turned all around the center to be marked. In the case of a depth to be set between the third and the fourth wheel pinions and between the third wheel pinion and the center wheel a cross mark will have to be made where the pivot hole is to be drilled. This operation requires in every instance the most careful marking and drilling, and the use of the magnifying glass cannot be dispensed with, as the least want of accuracy in this respect would require the doing of the whole job over again. The drilling should be done in an upright drilling tool with a bow, or on a mandrel face plate.

An upright drilling tool is to be preferred, as the marking upright of the upper pivot hole could be done by the same. Such a tool is a handy one for a great many operations, since it enables an operator to drill very small holes without breaking the drills.

(To be continued.)

Some Experiences with Gongs.

(Extract from an article by G. Bley, in the *Deutsche Uhrmacher Zeitung.*)

"A GOOD gong sells the clock" is a proverb with manufacturers, clock dealers and watchmakers. When it is borne in mind how poor an article a gong was when first introduced, attached to the cheapest kind of clocks, as compared with its present quality, it cannot be denied that great progress has been made; but all the

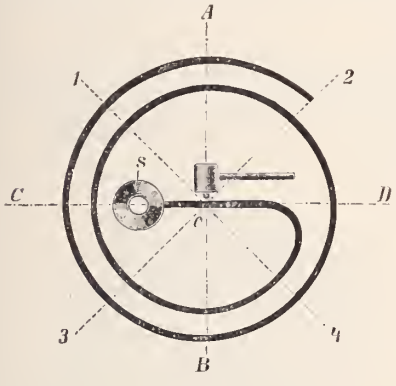


Fig. 1.

improvements have been brought about by practice, for there is scarcely any publication extant which has dealt with the subject in a theoretical manner, or has suggested improvements not initiated by practice.

Nevertheless, any practitioner who has occupied himself with gongs must have learned by his want of success that there must be some scientific investigation without the assistance of which practice alone will never be able to define certain acoustic laws, or lay down empirical rules essential to the greatest success. This has been the case in horology where the highest utility of the balance spring has been brought about by the assistance of mathematical science.

My intention is more to record certain results of my experience than to lay down rules for others to follow. The development of theories and rules I will leave to others more capable than myself. My experiments have at times met with success; in other cases they have resulted in disappointment. All have been useful and instructive to me. I have been in contact with clocks made with sounding springs or gongs from my early youth. The difference between these two lies in the length and the surface of cross cut (diameter). The

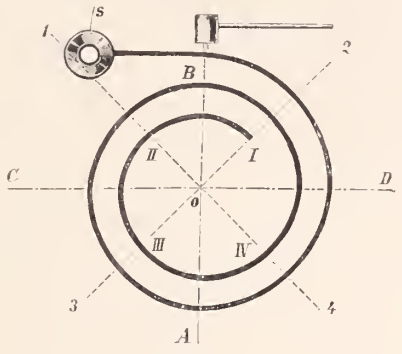


Fig. 2.

latter is not influenced by form. It may be round, square, or of any other shape.

The extent of surface and the length of the wire determine the tone of a gong, but the number of coils has a decided influence. If two wires of equal length and equal surface of cross cut are wound in different diameters, the tone of the one will be higher or lower than the tone of the other.

The accompanying Figs. 1 and 2 represent some of my experiments. Fig. 1 is the shape of an old sounding spring. The other variation, besides shape, from Fig. 2 is that the wire is thicker and shorter than in Fig. 2. The tone of Fig. 1, when it is attached to a gong post, equals the quality of that of any other in the form of Fig. 2. My experiments have been limited, to a large extent, to those like Fig. 1, as most gongs of former years were of this shape.

If I construct a gong like Fig. 2 under a system of ordinates, which is formed by

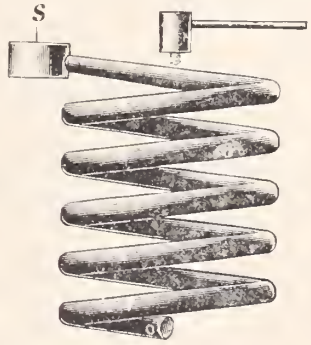


Fig. 3.

a perpendicular line, A B, and a horizontal line, C D, so that the beginning of the gong which lies between the stud S and the hammer, forms a parallel of C D, then the gong spring, exclusive of the stud S must be in stationary poise in relation to the perpendicular and the horizontal; the center of gravity lies in the point O. This seems to me to be always the case. When the end of the spring coincides with a second system of ordinates, drawn in an angle of 45° in relation to the first, which is represented by the lines of 1-4 and 2-3, there would be, according to this, four points in every turn of the gong, where the tones should be the purest and the fullest. These are the four points where these lines cut the gong at 01, 02, 03, 04.

This would only be the case when the gong is not too short, and when the question of poise relating to the ordinate system A B C D is not to be considered. When,

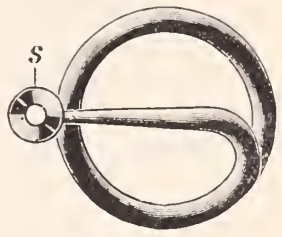


Fig. 4.

therefore, the gong measures only half a turn or less, a poise as mentioned cannot exist. On the other hand, if a gong consists of many turns it is of no effect, if the cuts coincide with the ordinates 1-2 and 3-4. Neither can the quality of the tone be discussed, as the tones of many coils sound more like a whole orchestra or a mixing of many discords.

Such gongs are at present manufactured quite often in England; in Germany, however, they have been entirely discarded, and superseded by gongs of $1\frac{3}{4}$ to $2\frac{3}{4}$ turns, for the good reason that the latter produce incomparable sweet tones. These must be made from the beginning of the foot S to the point where the hammer delivers its blow somewhat tapering, by which means the sound is less hoarse and more enduring.

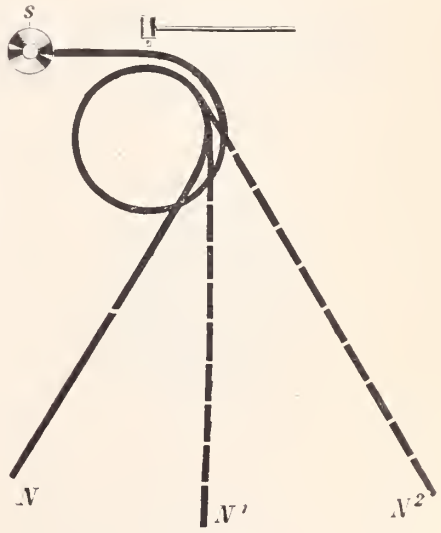


Fig. 5.

Instead of such tapering, the straight beginning of the gong may also be made somewhat longer, which will produce the same effect, but neither of these processes must be overdone, as would be the case if the weight of the entire gong would bend the wire at such points, preventing a full and pure tone.

After I had reached by many experiments a surmise that the center of gravity reached by the ordinate system might disclose a similarity with the balance spring, I ven-

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tured on the production of cylindrical gongs in imitation of the cylindrical balance springs as shown in Fig. 3, and in the ground view in Fig. 4. The tone of such a gong, while very pleasing, did not excel the tone of the flat spiral gong. In consequence of the nugatory result obtained from the cylindrical gong as compared with the flat one, I abandoned the former from further consideration.

Nothing equals in beauty of sound the



Fig. 6.

steel rod gong. Unfortunately its necessary length is a serious objection to its general use, as it cannot be employed to any extent in small mantel clocks. In consequence, I have made experiments with combinations of coiled and straight gongs as are shown in Figs. 5, 6, 7, 8 and 9.

In Fig. 5 the straight end N may be bent like N^1 or N^2. The bend N is best adapted for the limited room of almost any clock case. Fig. 6 is partly cylindrical; the last turn is bent in the middle, M, and is carried down to N. Both gongs have a pleas-

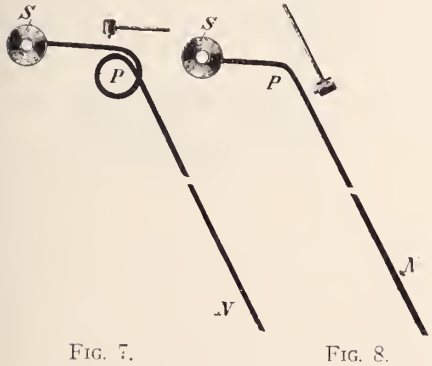


Fig. 7. Fig. 8.

ing tone, but do not equal the straight rod gong. Fig. 8 is good in tone, but requires equal length with the straight gong. Fig. 9 gives a fine tone if made large enough, and its success depends largely upon the sides of the triangle.

The steel rod gong has its own peculiar and fascinating sound or tone, which, it would seem, cannot be excelled. As a matter of course, the quality of such tone is enhanced by the resonance of a clock case or a so-called sounding board, for often a clock case is so constructed that the tone of the gong is in it but does not come out. A quasi-trembling tone is sometimes caused by a sort of swaying of the center of the rod, made plain in an exaggerated measure in Fig. 10 by the punctured lines a c b and a c^1 b. It is self-evident that the length and thickness has a good deal to do with it, when such a tendency exists.

I have been informed of a patent secured for the invention of filing notches in the gong rod for tuning the same higher or lower. A similar idea has been advanced by fitting such a rod with shifting weights. It hardly needs to be said that both ideas embodied absurdities. Stretched piano springs give a fine tone, but where several are employed, if such a thing were practicable, harmony would soon be destroyed.

The great base notes on a piano are rendered by surrounding steel strings with copper wire, by means of which slower vibrations are secured. Such strings have been used as gongs with good success when a certain proportion between the thickness

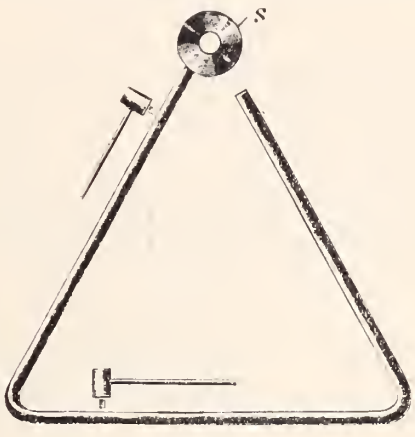


Fig. 9.

or the weight of the copper wire and the steel wire was obtained. In like manner the wrapping wire had to hug the steel wire intimately. It is also essential to give the steel wire a certain clearance in exactly divided spaces in a spiral progression.

In manufacturing gongs it is customary to taper in uniform progression the wires to be used and to press the end firmly in the block of the gong stand, which generally consists of a solid square piece of brass. At times such blocks are made in the form of disks, which carry a screw set in the center for fastening the gong, but it is to be borne in mind that the head of such a screw, when fitted in a counter sink, must not touch its side, but must show a distinct freedom between the two.

The modus operandi of fitting a clock with a set of gongs is about as follows: The gong wire before being coiled up is at present generally soldered with silver solder in the brass block. In performing the soldering operation the heat of the flame is directed principally on the brass block, so as not to soften or anneal the end of the steel wire. After the soldering has been completed the straight wire is nicely polished and then coiled by a suitable crank with the necessary fixture. When the spiral form is satisfactorily produced the gong is flattened. In this shape it will now be without much sound, which is imparted to it by tempering or bluing. This is done in a flat panlike disk or in a drum similar to a coffee roasting drum, where it is heated to about 650° F.

As the molecules of the wire are in this manner relieved from strain, the tone of any gong will then be at its best. If the blue color is not pleasing to the eye, sulphuric acid diluted with water will remove it and a second bluing will probably be satisfactory.

The next operation in order is the tuning, which is done by fastening the gong on a hollow pine wood box. In this operation the explanation in Fig. 2 may be verified. In harmony with this theory the hour striking gong is clipped by a cutting instrument, and if its tone is then not satisfactory, the



Fig. 10.

trouble is owing to some other cause, which may be found in defective soldering or injudicious tapering near the point of attachment, or some other error.

The quarter gongs offer greater difficulties where two, four or eight of them have to be tuned. This requires much experience, patience and a musical ear.

Finally to turn all these efforts to good account, a clock case offering facilities for fastening the gongs and also having resonance is indispensable. Form of construction and the proper wood—either satin walnut, pitch pine or maple—for sounding boards are required for the display of the sounds of well made gongs.

Clock cases are at times met with which have boxlike backs for sounding boards or resonance bottoms. These do not always turn out to be an improvement as regards the tone of gongs. In other cases a wonderful improvement is realized, which may

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be explained by the fact that such fixtures embody some of the features of a violin.

In one instance some very cheap Ansonia chiming clocks have been wonderfully improved by such means, although the gongs in these clocks were very short, crudely made without gong posts, and fastened in clumsy cast-iron rings, indicating an accidental coincidence of some unknown but favorable acoustic properties.

It has long been surmised that there ex-

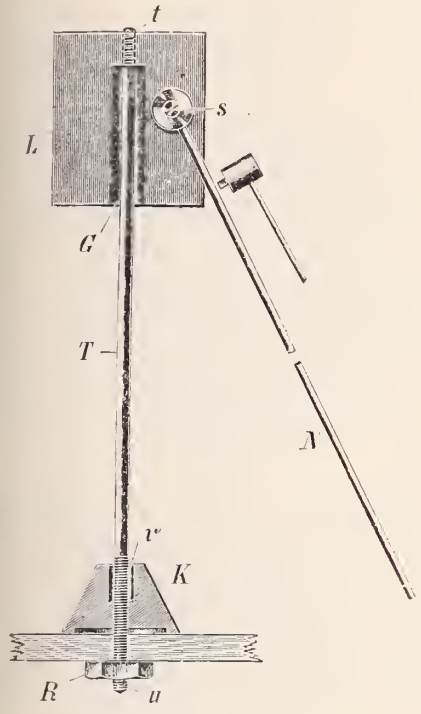


Fig. 11.

ists a certain proportion between the size and weight of a gong and the superficial size and depth of a resonance box. And, furthermore, there seems to be a certain proportion between the weight of a cast-iron block to which a gong is attached and the size and other proportion of the gong so attached, when by a combination of circumstances an exceptional success is attained. This is particularly true of parts of large proportions. (See Fig. 11.)

Small and light gongs of the usual form need a gong block and swinging gong stand.

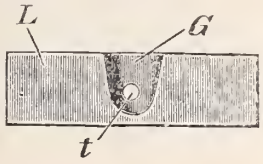


Fig. 12.

When such swinging gong stands are used in clocks of limited heights, the brass gong blocks are invaded by the stand rod, for which purpose a hole is drilled lengthwise from below, leaving a solid bottom at the upper end of the tube-like opening, allowing the stand perfect freedom on being screwed in the remaining thickness of the metal, as shown in Fig. 12 at t, and the gong stand at T. The tube-like opening is shown at G. With such a block, L, a very good sound is secured, and such is the case with all sorts of gongs, even with rod gongs, as is shown in the lower view of block L with the tube G and the gong stand t, which is perfectly free in G.

An astonishing result as regards sound has been obtained by a firm of clock manufacturers at the Black Forest in the production of a small mantel clock with chimes, produced by the employment of short rod gongs driven into the shell of tube-like gong block, which emit lovely tones in a high register, the latter owing to the shortness of the rods, the lengths of which were limited by the size of the clock case.

It is not difficult to discover that the tones of gongs when tuned to the same tone co operate in increased sounds. This arises from the fact that the number of vibrations in sound bodies are sympathetic, and emit an increased volume of the same tone. By this fact I gained the idea of applying double gongs for striking the full hour. It is generally the habit to have domgongs struck by two hammers. In trying those, I found, however, that by a slight intermission of time between the blows of the hammers the effect of the double blow is still further increased.

To accomplish this I employed two independently acting hammers, of which each had its own shaft, but also that each had its own lifting pin of varying lengths, which determined the apparent intermission. This was so short that the ear, in listening to the chimes, could hardly notice the double blow in the hour striking, which sounded rather as a musical accompaniment to the former. Other mechanical contrivances are possible where one of the hammers is carried loosely on the same shaft which carries the other one firmly attached.

There are some scientific principles and laws which in the tuning and for other operations in the application of gongs may be utilized; but, while their knowledge may at times be useful, the conditions under which they could be made so are so complex that their study may be dispensed with except by amateurs or scientists.

Horological Notes.

IN order to prevent the clerks of the Post-office Department at Washington, D. C., from running out to look at the clock, a device has been installed whereby all in the postoffice building will know the time. Near the great official clock has been erected two large steel cylinders nearly six feet high. These are electrically connected to two large hammers which strike the cylinders every time the hour or half hour has arrived. The sonorous sounds reverberate through the halls of the buildings, and all know the time without leaving their work to look at the clock.

E. P. Stewart has built a large clock which is displayed in his store at Hope, Ark. On the glass of his show window he had painted the face of the clock (about three feet in diameter) behind which are two large hands of cardboard, attached to a regulation clock. The striking has been accomplished by attaching an electrical bell, which every hour and half hour rings for two minutes. The jeweler has placed an advertisement on the cardboard pendulum telling the lookers-on that he is organizing a watch club.

Horological Curiosities.

(Translated for The Jewelers' Circular-Weekly from the *Revue Internationale de l'Horlogerie.*)

AMONG the numerous specimens of ancient horology which have been exhibited in Nuremberg on the occasion of the inauguration of the monument erected



Fig. 1.

to the memory of Peter Henlein, the inventor of the pocket watch, are seen, among others in a collection furnished by Carl Forster, of Vienna, the two pieces illustrated herewith.

One is a watch with verge escapement and repeating mechanism, of which the dial has been ornamented with the portrait of the

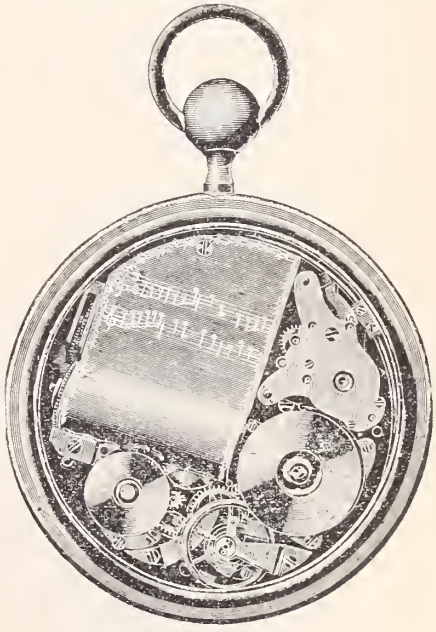


Fig. 2.

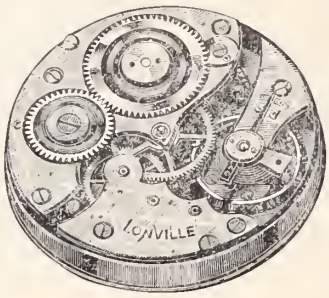
Archduke of Austria, who presented this timepiece to his adjutant, the Count of Wrebna-Hannitz, after the bloody battle of Aspern, where the Austrian prince gained a great victory over Napoleon I., in the year 1809. (Fig. 1.)

The musical timepiece, with repeating mechanism, represented by the second engraving, is fitted with a musical cylinder and a cylinder escapement. (Fig. 2.)

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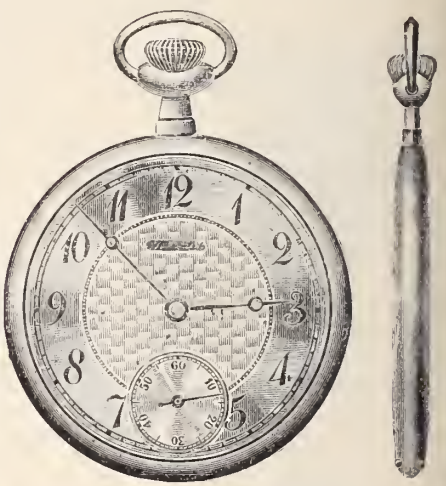
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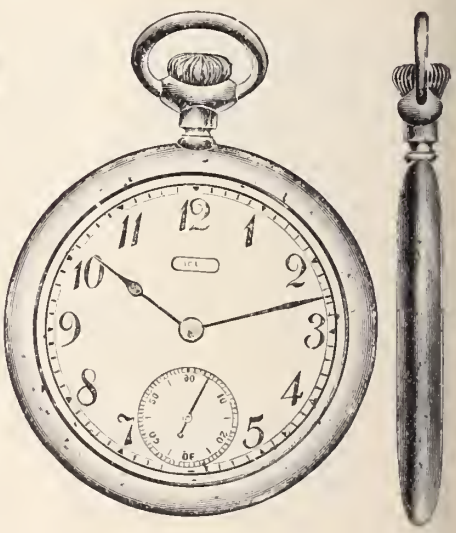
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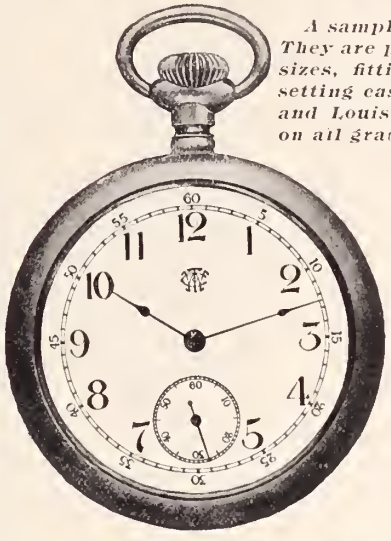


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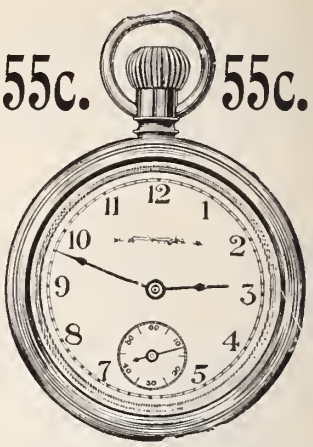
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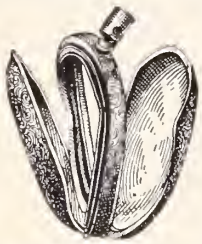
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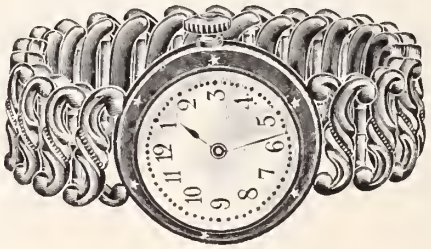
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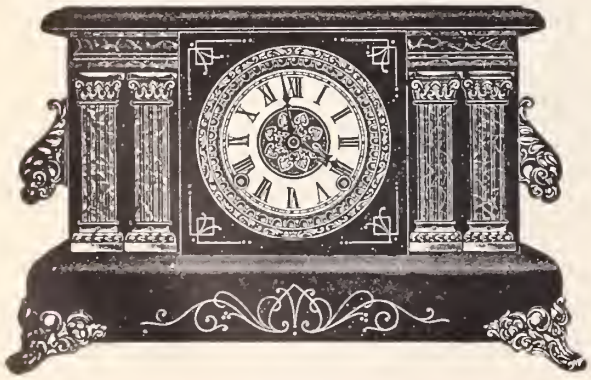
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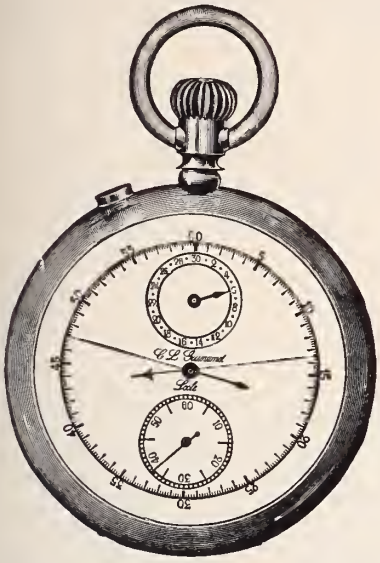
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That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Profit and Loss in Business.

By B. A. CHAMBEAU, in the *Haberdasher*.
(Continued from issue of Aug. 15.)

THE taking of an inventory is not difficult or tedious if done right. The best method is to buy or have printed for you as many blank inventory books as you need, of the following dimensions: Twenty pages and cover, 9½ by 12 inches, 34 lines to a page. Herewith I present a diagram of a portion of a sample page:

Quantity.	Do all your writing between these lines. Use two lines if necessary. Do not write on top or bottom lines.	Cost Cipher.	Retail price.	Cost price.	Discount.	

The method of using these books is as follows: Apportion to each clerk a certain section of the store and give him a book. During the week preceding the actual day of the inventory he is to enter in the third column the name of every article in his section; in the second column the quantity sign in which the inventory of the article is to be taken, whether pounds, dozens, boxes, yards, single pieces, etc., "only" being used as the synonym for single piece; in the fourth column the cost cipher, and in the fifth column the retail price of each article, the other columns to be left blank.

On the day, or night, of inventory, close the store. Put two men on a book, one to read off in regular order the articles entered and fill in the first column as the first clerk goes through the goods and does the counting. In a remarkably short space of time the work is all done, except to extend the books, which may be done by the bookkeeper, or, if desired, by an expert hired especially for the purpose. When the books are extended, bind them together in one volume and keep them.

Next in importance and incidental to the matter of making your gross profits conform to your expenses, or vice versa, is the eliminating from your stock goods that fill up your shelves, but don't sell. Ever bear in mind that surplus stock increases your investment, reduces your working capital and decreases your net profits because of your inability to turn your merchandise—or money—over enough times during the year. If you cannot turn your stock over several times a year there is something radically wrong with your methods of doing business.

Determining whether a certain class of goods pays or not is an easy matter to get at; simply take an inventory of the goods the day of commencing the trial, and whenever you wish to ascertain what your profts are, invoice again, and add to this amount the sales during that period, and the difference between the first inventory and the last inventory plus the sales is the gross profit.

Twenty-five years ago the question of credits and collections did not give retailers and concern that it does to-day. Not that credit was less freely asked or given, nor that debt beats were less numerous than now, but principally because the retail business in those happy times was done on profit-margins that are now unheard of. In those good days of slow sales and long profits, when it was considered better business policy to buy real estate than to discount bills, the loss of a few per cent. more or less in bad debts or the added expense incidental to conducting a credit business was not considered a matter of any great importance.

But in these days of large sales and small profits those of us whose sales are nearly if not quite 50 per cent. credit, are liable to devote a considerable part of the few hours left us for sleep in figuring out how we are going to pay our bills. I have no doubt but some wise head will offer a solution for our difficulty, which to him seems the easiest imaginable, and that solution will be: "Don't trust a soul." He will offer himself and other successful business men as living examples to prove the truth of his statement.

Where any retailer is so fortunately situated that he can conduct his business on a strictly cash basis, I should consider him a fit subject for a lunatic asylum if he encouraged credit, but all, and I believe the great mapority, are not so situated. If we are doing a credit business we must trust every one who asks for credit if he is responsible, and of course if he is responsible this can be safely done. Very many poor people can and should be trusted if they ask for credit, unless they are extravagant buyers or ask credit for luxuries.

But I believe it to be the experience of all who do a considerable amount of credit business, that not all the credit customers we admit to our flock are sheep. No matter how careful we may be, we are bound to get an occasional goat, the number of goats depending directly upon the amount of diligence and good judgment exercised by us. Yet if we credit reports of retailers, loss through bad debts is comparatively small, seldom reaching more than 1 per cent. of total sales.

By far the greatest loss from the credit business is that which comes from the tying up of working capital, and the added expense in doing business. The amount of this expense is hard to estimate, but I should say that it averages between 2 and 3 per cent. There is another item that must be charged up against the credit system, and its amount is difficult to determine and varies greatly in different stores, but would startle some of us if we were to see it. It is the item of "forgot to charge."

Most bills are paid without further solicitation than the simple rendering of a statement. These statements should be

Storekeeping Department.

sent monthly. Overdue bills should be placed in the hands of clerks for collection. If they cannot collect them they should be given to a professional collector, who will work for from 15 to 25 per cent. of the amount collected. If he fails, the amount may as well be charged to profit and loss, for it is only the most hardened debt beat that successfully stands him off.

But right here let emphasis be placed on the advice that all means to collect a bill should be exhausted before it is given up, and care should be taken that the collector either in the person of the clerk or the professional, is sent to the debtor within a reasonably short time after the sending of unhonored statements. These credit ends should not be allowed to hang uncared for. Often accounts are lost that could easily have been collected if a little expedition had been used.

(To be continued.)

How the Jeweler Can Meet the Competition of the Mail-Order House.

(Continued from issue of Aug. 8.)

THE mail-order houses are winning trade from most of the retail stores of this country. They are doing it without knowing their customers. All they know is the customer's address. Still they get business from him, whereas he should be spending his money at home, where he made it.

Do you know the reason for this? It is because most of the retailers of this country are too busy doing little things to take care of the big ones. For instance, they think that they have no time to read their trade papers, and thus force themselves to learn from dear experience what they could easily have learned by reading. They are too busy to do anything, and as a result they accomplish very little. It seems very easy for a merchant to make himself believe all this, and, if he tries, it is just about as easy to find time to take up these more important things. He should begin by reading all his trade papers, because that is one of the most important things which he neglects. Then he will soon be thoroughly posted on prices, brands, window trims, advertising methods, the market conditions of raw materials as well as the manufactured goods, freight and express rates, etc. Thus he will be prepared with information to supply his needs at all times, to clinch a sale, write an advertisement or do in the right manner whatever comes to hand.

You can bet that every department manager in a mail-order house reads all the trade papers in his line. He knows how it pays to be well posted. Five, or even $10 spent each year for trade papers—if you will read them—will be worth at least 10 times as much to your business. And if you will just keep track of the little things that you learn from each reading of them you will soon find out that you cannot afford to do without them, even if they cost 10 times as much. If you do not read them, you had better not subscribe, and if you do not subscribe you had better sell out, because either you know too much to get business or you are too busy to get it. In either case your competitor, the mail-order house, will gradually absorb the trade of your customers.

The retailer must learn to advertise in the right way in order to bring business; to write convincing letters to his neighbors; to trim windows; to buy rightly; to know where to order absolutely everything in his line, and to advance the right arguments in order to sell goods. He can learn all of this through reading his trade papers; and the reading will save him so much time from useless experiments that he will have a good deal more time to devote to other things than he otherwise would have had if he had never read a paper.

Then, he must learn to be a good judge of human nature, and this he must learn for himself in his own way. But he must take the time to learn. It pays a good deal better to give considerable thought to the nature of your customers, so that you can say just the right thing to make him feel right toward you, than it would be to be too busy to give the matter any thought and let the customer go away feeling that you have no judgment, no interest in him, and that he would rather trade elsewhere.

The retailer must not get so "shoppy" that he becomes narrow and knows nothing else than his own little stock. He must make himself broader in every way, and he will find good arguments on every hand to convince his neighbors why they should trade at home. He will not be afraid to advance them arguments, for he will know he is right and will have plenty of ammunition at hand with which to prove it.

(To be continued.)



AN EXTERIOR AND AN INTERIOR VIEW OF THE STORE OF SCHAEFER & ADDISON, BALTIMORE, MD.

Economy and Attractiveness the Features of This Establishment.

ILLUSTRATED above is the new store of Schaefer & Addison, corner of Broadway and Pratt St., Baltimore, Md. The firm is composed of Geo. J. Schaefer and his brother-in-law, Lewis H. Addison.

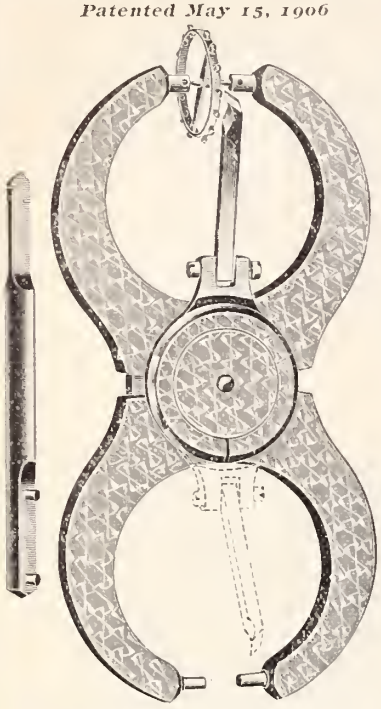
The concern was formerly located at 133 S. Broadway. THE CIRCULAR-WEEKLY presents a half-tone of the interior and exterior of the store as an example of what sort of an establishment may be had in Baltimore for $25 per month. In this connection it may be said that the Schaefer & Addison store is located on the corner of the two leading thoroughfares of East Baltimore, with several car lines passing the door.

T. A. Westmyer, Wheeling, W. Va., returned home recently from a trip to Rochester, N. Y., and other places throughout that State.

Birely & Son, Oshkosh, Wis., supplied the Sawyer challenge cup which was offered to the Butte Des Mortes Yacht Club by Edgar P Sawyer. The cup was made by Reed & Barton, of New York. It will be exhibited in the show windows in the Oshkosh store, 151 Main St., for a week or more.

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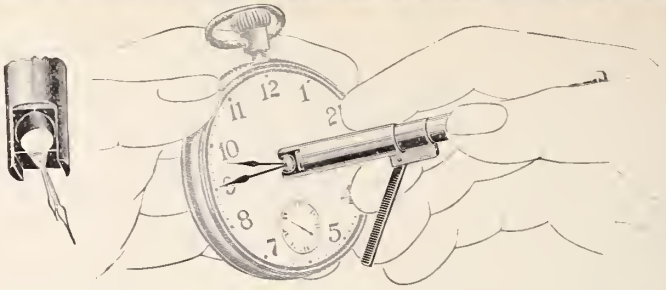
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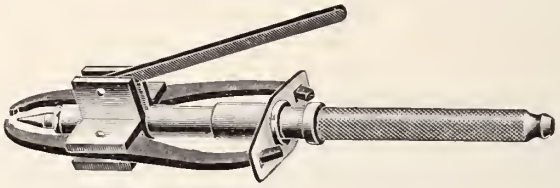
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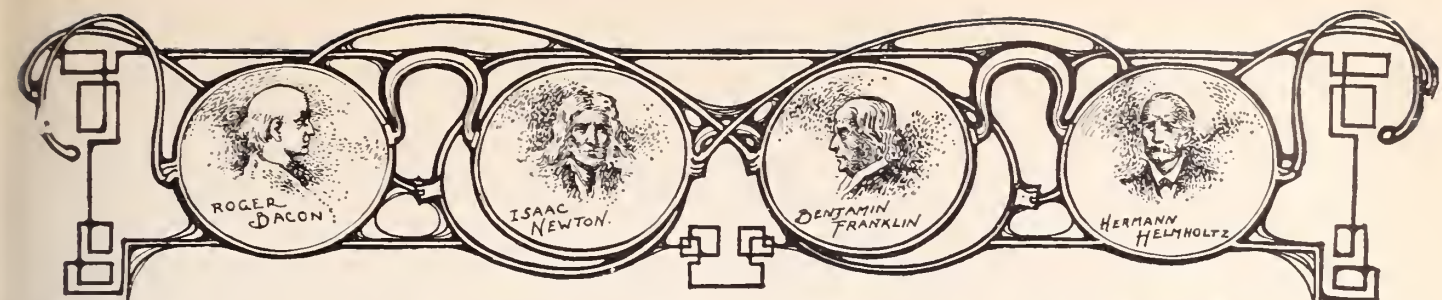
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OPTICAL DEPARTMENT

Anatomy of the Nervous System.

(Lecture recently delivered before the Rochester Optical Society by DR. RALPH H. WILLIAMS.)

(*Continued from issue of Aug.* 1.)

ANOTHER case which, I regret to say, does not offer the encouraging outlook is a long-standing case of keratitis, which shows little inclination to definitely improve. In this case there are no foreign growths in the pelvis, but there is a considerable amount of congestion resulting in frequent displacement of the uterus and its appendages. Whenever this occurs the injection of the conjunctiva is increased and the general ocular pressure is materially greater. This will all be relieved when the abnormal position of these organs is rectified.

It is well to bear in mind the fact that conditions of the eyes are very often affected by diseased conditions in remote portions of the body, and when no definite cause can be found in the eye for stubborn conditions it would be well to have the condition of the body in general carefully looked into. The family physician may often be able to throw light on a case. It will usually prove to be one where you need the help of the physician in putting the patient's general health in shape, and, on the other hand, he needs your help to minimize an irritating condition which may be retarding his efforts to secure recovery, for these things act and react upon one another.

Take for instance the patient suffering from liver trouble. He will be unable to use the eyes for any great length of time on account of the increased pressure in the orbit. This is primarily due to the mechanical ocular defects in the eye, but it would probably not bother the patient much, if any at all, were it not for the reflex effects of the congestion in the hepatic region. It is a fact that even though they know it is doing harm they will use the eyes under those circumstances. The result is a generally increased irritability of the nervous system which really increases the congestion in the liver, the original provoking cause of the pain in the eyes.

The next nerve of importance to take up is the fifth cranial or trigeminus nerve. This you will recall is the greater nerve trunk which supplies sensation to the forehead, orbit, face, nose and both jaws, and supplies the muscles of mastication with their motor nerve. In addition to these functions it has a very important relationship to the nutrition of the same area. It is through this nerve that the eyeball receives its trophic fibres—that is, the surface of the ball, its muscles and the lids. It is not definitely determined whether the trigeminus controls the nutrition of the central structures of the orbit. This trophic function seems to be controlled by the cells in the Casserian ganglion.

In this connection the effect of the vasomotors on the eye might again be referred to. These are derived from the fifth nerve through its sympathetic communications. Irritation of the cervical sympathetic causes dilatation of the pupil, enlargement of the palpebral fissure and protrusion of the eyeball. This latter is the result of the contract of a few muscular fibres which cross the sphenomaxillary fissure in the back of the orbit, and are supplied by the sympathetic. The same manifestation is observed as a result of active stimulation of the sexual organs. Intestinal irritation in small children will also give rise to a similar condition.

Don't misunderstood me in regard to this dilatation. It is not such a dilatation as you could secure with a mydriatic, but is only a slight variation from the normal. In this connection I wish to call attention to an apparent misunderstanding of something which I stated in a former lecture. In speaking of the effect of pressure in the suboccipital fossa I stated that it would cause a dilatation of the pupil. I do not wish to convey the impression that this would be of such an extent as to permit of greater freedom in examining the eye with the ophthalmoscope. The difference would hardly be great enough for that. It might be appreciably observed with that instrument, but it would not materially aid in the examination of the eye.

I have called attention to these facts more on account of the fact that they may be of value in studying the abnormal eye. You have doubtless seen cases where the size of the pupil was apparently abnormal with perhaps no apparent cause. It is in cases like this where these ideas may come into play. They may give you a clue to locating the cause of the difficulty when you remember that irritation of the sympathetic in various locations will result in a relaxation of the ciliary muscle. Such an irritation, if persisting, would cause a more or less permanent dilatation of the iris.

In this connection the intimate connection physiologically of the blood supply of the two eyes is worthy of mention. It is well known that affections of the blood supply of one eye readily affect the other eye in a similar manner. This is through the sympathetic fibers of the fifth nerve.

We will consider in conclusion a few points relative to the sympathetic nervous system. I have touched upon this in a general way throughout the general consideration of the physiology, but there are two or three other points which are entitled to consideration.

The great sympathetic nervous system which has almost entire control of the organic life of the body—that is, the entire function of digestion, assimilation, secretion and elimination—and situated within the thorax and abdomen, consists principally of nerves which either control muscular action in the walls of the blood vessels—that is, they are either vaso constrictor or vaso dilator fibers—or they control secretion in the glands, such as the thyroid, kidneys, supra-renal capsules, the liver, gastric glands and the glands of the intestines, or they control the selective power of the tissues in the intestines which perform the function of assimilation.

These functions are all directly under the control of centers, either in the ganglia of the sympathetic system or in the spinal cord itself.

The most important of these are the automatic ganglia of the heart governing the rhythm of the heart action, which is situated beneath the arch of the aorta, just above the heart.

The mesenteric plexus which is situated in from the spinal column, just back of the navel, and supplies the nervous impulses to the intestinal digestive apparatus.

The solar plexus at the pit of the stomach controlling, in conjunction with the pneumogastric, the function of the stomach, liver, spleen and pancreas.

In addition to these greater centers there are a large number of centers controlling the various automatic functions as follows:

At the level of the first cervical vertebra in the medulla are located the automatic centers of which I have already spoken—coughing, sneezing, vomiting, respiration, salivation, phonation, deglutition, renal center and spasm center.

In addition to the great controlling vaso motor center in the medulla, there are subsidiary vaso motor centers located in the cord and the sympathetic chain from the second to the sixth dorsal vertebræ and at the fifth lumbar.

The cilio spinal center is located from the fourth cervical to the second or fourth dorsal, and most directly reached between the first and second dorsal.

The center for the cervix of the uterus is at the ninth dorsal, and of the ovaries at the 11th dorsal.

The center for defecation, micturation

Optical Department.

and parturition is located between the second and third lumbar vertebræ.

The spinal center for the rhythm of the heart is located between the last cervical and the third dorsal. The pulmonary center is located between the first and fourth dorsal.

(To be continued.)

How Many Have Perfect Eyes?

VARIOUS attempts have been made to estimate the proportion existing between normal and abnormal eyes. Orlin shows that in 299 cases, tested while under the influence of atropine, no case of absolute emmetropia was detected. Hansen found in 1,610 cases only 26 that were emmetropic. Duer found 30 emmetropic out of 414 cases. Randall examined 1,834 school children and infants, and found only about 130 emmetropic.

Thus in 4,157 cases only 186 emmetropes were found, which average shows that in every 100 cases four or five may be expected to have normal eyes. As patients frequently ask questions pertaining to this subject, it behooves optometrists to have some reliable data in mind.

The Care of the Eyes of School Children.

(By S. S. Bishop, M.D., Harrisburg, Pa., in the *Ophthalmic Record.*)

(Continued from issue of Aug. 15.)

GLASSES should never be prescribed by anyone, even if the defect is measured, without taking the condition of eye and system into intelligent consideration. Children may outgrow some of their far-sightedness, the ciliary muscle may be exhausted or it may be enlarged from work like the blacksmith's arm; the near-sighted eye is in a process of stretching or the strain may be partly due to systematic causes, all of which facts must be taken into serious consideration when glasses are prescribed.

When glasses are adjusted, the ciliary muscle may resist them from force of habit, and glass and muscle correction combined will cause the patient to think he can see better without than with the glasses, but every time they are removed another struggle between muscle and glass will be required. Atropia does not affect the eye, but only the muscles, and is used as much to control and break up old abnormal muscle habits as for the purpose of measuring the defect. It is to the eye what a sling is to the arm, a blessing to be tried, or an irritable eye.

If the importance of correcting eye defects at an early age were more generally recognized by parents and teachers, we would hear much less of the harmful influences of our schools on the eyesight of children, and the number who pursue the course to the end would be materially increased.

Many parents, though interested in the welfare of their children in all other respects, neglect this most important duty, or object to them wearing glasses on sentimental grounds, not appreciating the fact that a large number who are not up to the average in the class or who suffer from car sickness, weak indigestion, St. Vitus' dance, epilepsy, headache and physical breakdown, owe their ills to some eye defect.

If a child attempted to take a book from a shelf too high for it to reach, a step would be supplied whereby he could reach it with ease; or if one foot was an inch shorter than the other, the defect would be remedied by adding extra leather to the sole. Then, why, if a child's vision is short, should there be an objection to supplying a step by which he can see? He is given a trowel to dig in the garden instead of being allowed to use his hands; should there, then, be an objection to providing a glass which will do the extra work—instead of the muscles of the eyes—thus favorably influencing physical and mental development?

THE EFFECTS OF EYESTRAIN.

The falling of water, drop by drop, upon the head of a victim, is said to be practised by the Chinese as the most cruel form of inflicting capital punishment. The wretched victim goes mad in three days, and expires in about a week. If this be true, it is not hard to realize that the brain and nervous system can be irritated and disease produced by the constant nagging at so delicately constructed an organism as the eye, compelling the muscles to work when out of balance and without intervals of rest.

By holding the arm out at full length until it is compelled to drop from muscle exhaustion, one can gain a faint idea of the cruelties imposed upon children who are compelled to use the muscles of their eyes 16 long hours daily without the power to relax. The body stretches out to take hold of material objects by the arm and hand, but the eye is the brain reaching out by the optic nerve and retina for vision. The bony orbit, having an open front, protects the eye and is the anteroom to the skull, within which the brain has its observatory. The retina, as part of the brain, is protected by the eye walls like a room with a glass front; it is also protected by the lids, as shutters, and the iris as an inside shade. With this protection the retina views the world with its telescope, the crystalline lens, which is adjusted by muscles.

The muscles of the arm manipulate bone, but the eye muscles are so related to the brain that eyestrain is muscle fatigue, also nervous exhaustion, and its persistence will result in untold ills to body and mind.

Disease is not an entity which takes possession of the system, requiring powerful drugs to remove it, but it is Nature gone wrong, a natural process perverted. To treat disease intelligently, the cause should be searched for and removed, and to do this the assistance of drugs is, of course, often required. The correction of refractive errors early in life will not only prevent disease, but by favorably influencing physical and mental development will sidetrack inherited tendencies.

It is a well-proven fact that many nervous wrecks who are supposed to be invalids from inherited causes have inherited only defective eyes, which, like those of their parents, have not been corrected. The continued leak of nerve force from this cause and from the nightmare of the thought that sooner or later they will be compelled to surrender to the inevitable, so reduces the reserve force that, if called upon to go through a great strain, they collapse, when under other circumstances the trial may have strengthened them.

One of the most celebrated physicians of this country, whose reputation as a neurologist is world wide, gives the medical profession his own history as a victim of eyestrain in the following statement:

"Personally, I suffered 30 years from terrific headaches, frequent attacks of uncontrollable vomiting and extreme nervous debility at times. These attacks began in full severity when I was but four years of age. They persisted in spite of drugs until I found by accident that eyestrain was the exciting cause. Yet during all these years of acute suffering that terminated finally in complete physical collapse, when I was still a young man, I never had an eye symptom of which I was conscious, and I had remarkably acute vision. The correction of my own eye defects restored me, as by magic, to health and a capacity for labor that I had never before known. My poor abused liver that had been stirred up by drugs for years to abort the paroxysms of pain must bless the day that revealed the actual cause. At different times in my life my headaches had been diagnosed as due to cerebral congestion, fermentation of food, insufficient bile secretion and many other speculative conditions, while the actual cause was discovered by myself almost by accident, and my life's work became an outgrowth of my recovery and restoration to health.

"Had I lived as a child in the present age of enlightenment I would have been spared weekly attacks of pain that frequently made suicide attractive to me, that robbed me of the ability to fill my engagements for nearly ten years (in the aggregate) out of thirty, that made me prematurely gray, and that in the end brought me to a condition of despair, without evidence of organic disease to account for my collapse."

This is but one of hundreds of similar cases on the records of the profession who are the class unfortunates branded too often by church and state as degenerates, and who drift from the want of proper physical help to periodical sprees, to the asylum or self-murder.

There are three results of eyestrain: The muscles may fag and produce poor vision. If the vigor of the eye structure is reduced, and the book constantly held too close to the eyes, the eye wall will stretch and produce near-sight; or it may result in irritation, a sense of fatigue of the eyes, a feeling as of sand in the eyes, pain in the temples, browache, peculiar or unnatural attitudes of the head, wrinkles of forehead or general headache.

There are many headaches due indirectly to disorders of the accommodative apparatus of the eyes, in which the brain symptoms are often the most important and sometimes the sole effects of eye troubles, so that while there may be no pain or sense of fatigue in the eyes, the strain with which they are used may be interpreted solely by occipital or frontal pain, pain on top of the head or along the spine; if this strain be long continued, it may be the unsuspected cause of peculiar sensations in the head, vertigo, nausea, dyspepsia, chorea,

Optical Department.

insomnia, epilepsy, hysteria, nervous prostration, insanity and general failure of health.

These are not high-spun theories, but knowledge gained from enlightened experience. The relation between eyestrain and nervous diseases, as cause and effect, is too well established to permit of any further discussion in the medical profession; but it cannot be too widely disseminated among teachers and parents.

It was recognized as early as the beginning of the last century that the requirements of school life resulted in injury to the eyes of many of the pupils, and in the year 1800 A. G. Beer published a treatise on "Weak and Healthy Eyes," which gives much instruction to teachers.

From that time to the present, investigations have been made at intervals. At the end of the century there were on record the results of the examination of the eyes of more than 200,000 school children; and the past five years it has been the rule to have the eyes examined of all the school children in the large cities, largely due to the untiring efforts of Dr. Frank Allport, of Chicago.

The result of these examinations shows that many children who enter school in apparently good health soon begin to manifest impaired general vigor and near-sight, which was rare or entirely absent before the beginning of the school career, was found to progress with the progress of the scholars in the school.

(To be continued.)

Accommodation.

(Paper by HARRY P. HOLMES, Oph.D., read by title before the convention of the A. A. O., Rochester, N. Y., July 30, 31, Aug. 1 and 2.)

IN taking up for discussion a subject with which we are all so familiar, one is apt to feel at first thought that the time thus spent is wasted, but upon second thought the subject may be likened to an experience common to us all when we attempt to describe the appearance and general characteristics of some acquaintance with whom we come in contact every day. What sort of a hat does he wear? What color are his eyes and hair? Does he wear a mustache or is he smooth shaven? We cannot tell. Upon close examination we discover certain distinct and noticeable marks of discrimination, mannerisms and traits of character heretofore unnoticed, and we wonder how they came to be overlooked.

It is with a view of bringing to the minds of my fellow optometrists some of the characteristics, mannerisms and peculiarities of a mutual friend that I undertake the discussion of accommodation. If asked to describe this friend in cold, formal English, we would say: "The power of the eye to overcome divergent rays," "To focus finite rays upon the retina," or "To change the curvature of the crystalline lens, by the action of the ciliary muscle, to adapt the vision to objects at varying finite distances."

These are glittering generalities and give us little or no idea of the real character of our friend, or the *modus operandi* by which his work is accomplished. How does the contracting of the ciliary muscle increase the curvature of the crystalline lens? We are apt to say as we encircle a rubber ball with thumb and forefinger and grip the ball until the surfaces bulge and become distended, "This is the way it is done."

Nature has a better system than this. The distending pressure might vary in different parts of the zone, thus making the curvature unequal in the different meridians; the consistency of the lens might differ in certain portions, causing similar results.

Certain it is that with such a method when the power is applied and best possible results are demanded the lens would be in an unnatural, strained condition, working at a disadvantage.

The lens proper is created for close work. Release it from the suspensory ligament and it assumes its greatest curvature—that suited to its *punctum proximum*, or near point. The contraction of the ciliary muscle simply relaxes the suspensory ligament, loosens the tension on the capsule and allows the lens to assume its greatest convexity, enabling it to do its hardest work under the most favorable conditions possible.

Again, an all wise Providence has decreed that when the eye is directed to infinity (the condition nature intended it to assume the major portion of the time) the ciliary relaxes, the suspensory assumes its natural repose and holds the lens by means of the capsule in its thinnest, flattest form. This tension is maintained by the natural elasticity of the suspensory, a tension requiring no innervation, consuming no energy, but, like the magnet, conserving its strength by having the load kept on.

The act of accommodation must be and is accomplished quicker than thought, and so accurately that we are unconscious of any change having taken place. The mechanism above described is admirably adapted both to speed and accuracy, combining, as it does, a system capable of accomplishing both its maximum and minimum capabilities by releasing the two opposing factors and allowing them, respectively, to assume their most natural form and condition.

The ciliary muscle is composed of plain muscle fibers. It lies between the choroid and sclerotic at the point where the sclerotic passes into the cornea. Its fibers are both radial and circular, the latter having their insertion in the choroid coat.

The crystalline lens is almost absolutely transparent, the center or nucleus being a hard substance surrounded by a soft pliable layer—the adjustable portion.

The nucleus is very small in childhood, increasing as age advances, while the adjustable portion decreases until in advanced age it almost entirely disappears.

The lens is enclosed in a tough, transparent capsule which is attached at the margin and anterior surface near the margin to the suspensory ligament. This ligament is, in turn, attached to and controlled by the ciliary muscle.

The ciliary derives its innervation from that portion of the third cranial nerve which is located in the floor of the third ventricle in the middle base of the brain.

Connect all this with the guiding sensation whose main office is the macula lutea, and you have a perfect plant manned and equipped for performing the visual function.

Can the mind of man conceive a better, quicker, more accurate or more durable system? Can human ingenuity devise a machine that will accomplish the work half so well?

The photographic camera, wonderful as it is, does not even attempt the accommodative function. Its guiding sensation is the eye of the operator; its adjustment, the operator's hand.

The normal eye is so constructed that distant objects may be distinctly seen without the slightest effort. For this reason we tell our patients to wear their correction constantly, thus rendering the eye normal and enabling it to rest when not actually engaged at close work.

This is good advice in the main, and can be followed with comfort and satisfaction, except under certain conditions arising from the close relationship existing between accommodation and convergence, which cannot be considered at this time.

The study of accommodation develops a very pretty system of mathematical calculation. If given the amount of accommodation used for a certain distance, we can tell at once whether the eye is ametropic or emmetropic, and, if ametropic, the exact nature and extent of the error.

The normal eye uses 10 D. of accommodation for an object 10 c.m. distant. If an eye use 12 D. it is 2 D. hyperopic; if it uses only 8 D. it is 2 D. myopic. All this is more or less theoretical, and a refractionist may be able to do good work without being thoroughly conversant with all the finer points, but he cannot do thorough, reliable work without being able to accurately measure the accommodation, for upon the result of this one test depends, to a vital extent, the success of his prescription.

What would you think of the optician who proceeds in exactly the same manner with three different patients of the same age, all having the same error of refraction and the same degree, one of whom has normal accommodation, one above and one below normal?

Until the rank and file of our beloved fraternity becomes educated in these apparently trivial but really essential points we can hardly expect to acquire and maintain the position among modern professions for which we so fondly hope.

I have always contended that a law compelling all new practitioners to pass an examination before a State board would compel us all to educate ourselves or to abandon the field of optics and seek employment in the field of corn, where many of us rightfully belong.

We need legislation because it will be an incentive to education; but, legislation or no legislation, we must have education.

The Cahn Standard Optical Co., San Francisco, Cal., now has rooms in the Kamm building, on Market St.

Ray Failing, son of M. L. Failing, of the Failing Optical Co., 455 Main St., Buffalo, N. Y., was badly burned in an explosion of gas at his home in Massachusetts Ave., recently. He received the most burns about the head and face, and is confined to his bed. The physicians expect to be able to save the young man from any serious disfigurement.

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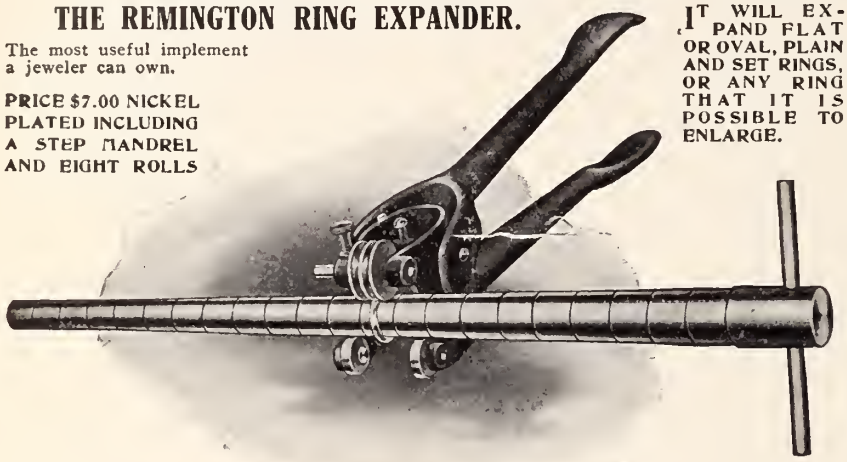
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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1649.—**To Polish Tortoise Shell.**—*Kindly tell me how to polish tortoise shell.* *B. N.*

ANSWER:—Tortoise shell may be polished with finely pulverized pumice stone and oil and followed by putty powder and oil, applied by a soft brush or a pad made of cotton cloth.

QUESTION No. 1650.—**Dark Brown Finish on Copper.**—*Will you kindly inform me how to make a dark-brown finish on copper? Also the best test to ascertain whether an article is silver or not.* *S. S. K.*

ANSWER:—Scour the sheet brightly with fine emery cloth. Prepare a solution as follows: Copper acetate (cryst.) 5 per cent.; ammonia chloride, 7 per cent.; acetic acid, diluted, 3 per cent.; distilled water, 85 per cent. Heat the copper sheet over a clear fire and brush over the above solution. Rub the surface with one part of beeswax, cut in four parts of turpentine. *Tests for Silver.*—If articles be touched with a mixture of equal parts of bichromate of potassium and pure nitric acid of 1.35 specific gravity, and a red stain is produced, it is an indication of light silvering. To recognize light-silvered rings apply a 1.5 per cent. solution of bisulphate of soda. After allowing the drop to act for 10 minutes, rinse it off with water. Upon silvered articles a full, round, steel-gray spot is produced. Other white metals and alloys, with the exception of amalgamated copper, do not show this phenomenon, amalgamated copper being more quickly colored. Moreover, it acquires a more dead-black color than silver. This test is so sensitive that the original color of the article shows through it. Test water for silver consists of 16 parts of chromic acid and 32 parts of distilled water. Keep the fluid in a well-stoppered glass bottle. File into the surface of the article to be tested. By detaching or rinsing off the latter with water it will be shown whether the article is silver or silvered. With silver the trough becomes blood-red, the color being more or less intense, according to the fineness of the silver. The touch of silvered German silver, tin composition, etc., is not decomposed by the test water, the touch appearing in its original color, or with a dull gray tint. Silver may be tested like gold, by standards on the touchstone. Special acids are required for such tests. These acids are compounded by specialists and require renewing. For a person engaged in the retail jewelry business, a good test is to file-silver files smoothly, and any base metal like tin or its composition, will be quickly recognized by the tearing action of a new file. Brass or its alloys, and German silver, file harshly and make a grating noise. Another test is the acid test. Silver, on being touched with nitric acid, will turn black; 75 per cent. silver and 25 per cent. base metal turn greenish. Plated articles must be submitted to the action of the file. Remove the coating of the plating and expose some interior spots.

The Enameling of Jewelry.

By CECIL H. SHERMAN.

(Copyright, 1906, by The Jewelers' Circular Publishing Co.)

(Continued from issue of July 4.)

RED ENAMEL.

TAKE 10 ounces of glass, four ounces of litharge or oxide of lead, one ounce of borax, one ounce of potash and two ounces of glass of antimony (finely pulverized). Mix well together. Dissolve in one-half pint of water 15 grains of chloride of gold, pour the solution over the mixed ingredient and then dry it; heat a crucible red hot, empty the dried mixture into it and melt as you would any color. When first poured it will be clear and colorless, but as it cools it will turn red.

Enamels that flow at a desirable temperature are ground in distilled water, then properly washed and freed from all foreign matter. The pieces to be enameled are charged with an even, thin coat of this enamel and dried with a clean linen rag or clean piece of white blotting paper. No dust must settle on it before it is fired, and in firing the furnace must be hot and free from coal gas. Care must be taken that you do not burn or blister the metal.

All of these precautions are to be taken in the second coating. In stoning be careful not to file through the enamel or nearly through. After stoning be sure to clean the pieces thoroughly and be careful in the last firing.

In lapping or polishing, plenty of the pumice solution is used and must contain no grit. Do not lap so much in one place to give your enameled surface a thin spot on it. If, then, in the plating solution the enamel does not chip off you can be sure that every piece will be satisfactory. In other words, if all the conditions are right, the results can be depended upon. But this is very seldom the case. Readers of this article will say: "I've seen enameling done without using so much precaution," and they will start to make short cuts. And the funny part of it is that you may ignore any or all of the precautions and sometimes accomplish good results. But you are going to run into trouble, when it will be very exasperating.

Some silver is alloyed with an ingredient that tends to make it more pliable for the silversmith. This has all the appearance of first-class sterling metal, and when you come to enamel it, everything will go well until the work is completed. Then the enamel will fly off, or, if it does stick, the surface will be full of bubbles. The same result often occurs when scrap silver is used.

You will come across gold, so-called solid gold, which is as far below 10 karat as it is possible to alloy it, and some of it is no more than gold solder. There are enamelers who make a specialty of handling this stuff, and some of them are very successful. It takes a good deal of ingenuity, however, and lots of practice to accomplish anything satisfactory with such goods. Sometimes the quality of the gold is so low that enamels hard enough to stand the acid test will burn the gold. For such cases special enamels are made whose surface becomes dull when boiled out in the weakest sulphuric pickle. The dull surface is removed by lapping on a felt wheel, using a solution of finely pulverized pumice stone free from grit. Sometimes they are boiled out in citric acid pickle. Some soft enamels will not become dulled on the surface when cleaned in a cold pickle.

Now follows a description in detail of the work of enameling four or five different articles from start to finish.

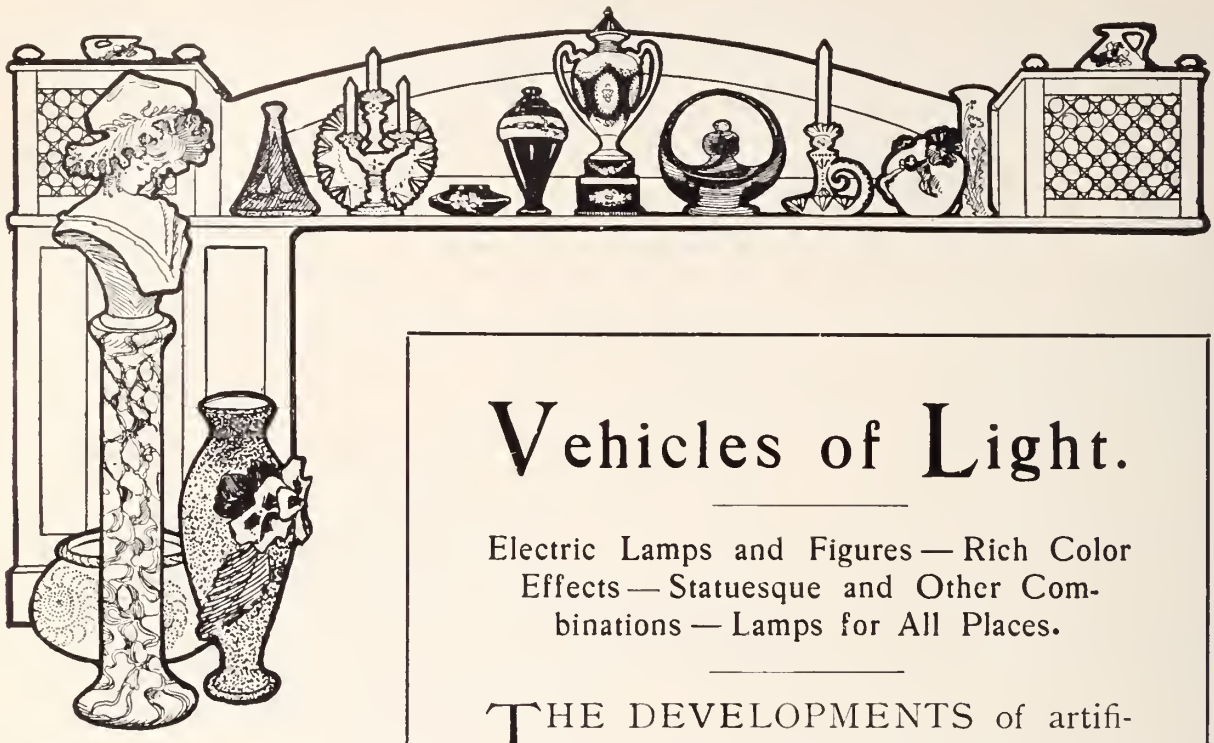
Say a 14 karat gold clover leaf is to be painted and dull finished; a monogram lapel button of roll plate, each letter of a different color with a white background. A plain black Masonic ring, some flags of silver and an assortment of gold, silver and composition class pins.

The first thing to do is to be sure you have enough enamel ground, washed and placed in jars (see that it is ground very fine). Crush the lump enamel either in a wedgewood motar (placed on a cushion) with enough water in the mortar to cover the enamel. Tap the pestle gently with a mallet or hammer (which must be free from dust). When powdered comparatively fine, wash away all the milky or muddy-looking water and place the enamel in an agate mortar. Cover it with water and proceed to grind. When so fine that a quantity taken from the bottom on a steel spatula does not feel gritty when rubbed between the finger and thumb, remove the pestle and fill the mortar with clean water (distilled is always the best). Stir with a steel point, and, when settled, pour off all surplus water. Repeat the operation until the surface of the water does not have a dull, greasy look. Then empty the contents into a receptacle similar to a salve or an ointment jar (one that has a glass or a porcelain cover). This method of washing only holds good for opaque colors. With transparent colors it is well to rinse off all of the milky or muddy water.

Having ground each color, each has to be tried to ascertain that it will all flow at comparatively the same degree of heat as the other. It is also necessary to learn that such a degree of heat will not burn or blister the metal, and that when finished the boiling out in pickle will not dull the surface. If you are sure of these things the next thing is to clean the pieces.

(To be continued.)

Russell McNaught, Seaforth, Ont., has sold out.



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Novelties in British Pottery—Crests and Monogram Decorations in Demand.

CRESTS, monograms and badges of all descriptions are now painted on dinner plates for every class of society in England, from members of royalty downward, according to a writer in a recent issue of the organ of the British Pottery Circle. Referring to the present season's exhibit of the Worcester Royal Porcelain Co., Ltd., he writes:

"Among a number of dessert sets shown me was the 'Richmond' shape. These are square pieces, and are ornamented in artistic neutral tones and gold. It is a charming decoration, embodying the striking characteristics of Worcester. There is a larger variety than ever of after-dinner coffee sets. These are in every style of artistic ornamentation. There is an extensive variety of richly decorated dessert sets and tea services. These are artistic in design, perfect in colored combinations, and beautifully gilt.

"In reply to my inquiry, Mr. Porter informs me there is a demand (not large, perhaps, but still it exists) for wares of the highest class. There are several large pieces shown, consistently decorated in what may be called up-to-date styles.

"A very pretty decoration on vases is composed of farmyard scenes. On some are very natural paintings of wild rabbits. Another very effective decorative ornamentation consists of 'swans,' painted by C. Baldwyn."

Imports of Ceramic Ware by South Africa.

CONSUL-GENERAL GUENTHER, of Frankfort, Germany, supplies the statement of a German publication, as follows:

"In the year 1905 the British colonies of South Africa imported earthen and china ware to the value of $781,375, in the supply of which Great Britain participated with 74 per cent.; Germany, 16.1 per cent.; Belgium, 2.8 per cent.; France, 1.7 per cent.; United States furnishing only 0.7 per cent. The ceramic ware imported consists chiefly of articles of earthenware and cheap china dinner and tea sets, toilet sets, jugs and mugs.

"China and earthen ware manufacturers of New Jersey and southeastern Ohio can easily compete with those of Staffordshire, England, and of Thuringia, Germany. The poor showing which American manufacturers make in the export of ceramic ware to South Africa is to be attributed to a lack of enterprise and want of knowledge in foreign trade conditions. We should emulate German exporters."

Specimens of Ancient Romano-British Pottery Attract Attention in London.

AN exhibition of the specimens of pottery found by the Silchester Executive Committee in 1905, was recently conducted in Burlington House, London. In relation to this the London *Pottery Gazette* says that the discoveries made from time to time on the site of what was once an important Romano-British City, have proved of widespread interest and of much importance. The prior revelations were of interest to the antiquarian and the student of history, while the excavations of the foundations of houses and other Roman buildings in the 18th century had a fascinating interest for every intelligent reader. But it is claimed that the "finds" of last year, which were recently exhibited, are of exceptional interest to manufacturers of pottery, and, indeed, to all lovers of the oldest of human manufacturers.

"In many instances," says the writer in the English paper, "fragments only are available, but these have been so carefully collected and arranged that the original forms can be safely conjectured while the ornamentation is distinctly recognizable. There are numerous fragments of Samian ware—importations into Britain from Gaul. There is a case full of fragments of red-glaze ware with patterns incised with a wheel, and decorations in relief. There also are importations from Gaul.

"A collection of painted pottery represents the early stages of red-glazing. Another case contains a group of New Forest, Caistor and other pottery made in Britain. Necks of glass bottles and other fragments of glass ware have been recovered, and a very curous glass relic is a portion of a pane of window glass found on the site of one of the houses unearthed. This has a green tint, and is only semi-transparent. A few small vases or urns are nearly intact.

"There is a large collection of miscellaneous pieces, including the bases of candlesticks, handles of amphoræ, etc. Many pieces have the makers' stamps impressed on them. Among examples of sculpture there is an unfinished winged altar, and a block, evidently intended to be fashioned into the semblance of a lion couchant, though part only of the head has been outlined. Fragmentary pieces of tessellated pavement have also been found.

"The pottery discoveries of last year are useful additions to those previously made, though they do not disclose any absolutely fresh features. Interesting as these pottery finds are, they are, of course, merely incidental in the remarkable disclosures resulting from the work of the committee."

Queer Old Pottery Exhibited in the Metropolitan Museum of Art.

BENEATH the soil of the South American Republic of Colombia there has just been brought to light some remarkable buried treasures in the line of curious animal shaped pottery, each incised and made of black clay. These specimens are, perhaps, the only vestiges left of the vanished empire of the Chillchas, which flourished in this region in pre-Spanish times. The American Museum of Natural History has acquired these discoveries and Curator Charles Mead is arranging them for exhibition. The find consists of nearly 200 black pottery vessels, with deep incisions, fantastically molded to represent animals common to that region and some mythological ones, with a few human portrait pieces. This unique collection of black ware, the first to be seen in this country, is said to be the finest extant.

These grotesque pottery vessels, many of which contained fine golden ornaments, were votive and mortuary offerings placed in the graves along with the bodies of the dead. The collection was found in the Cauca River Valley, Colombia, about 150 miles from the Pacific Ocean. This stream is one of the tributaries of the Magdalena. The pottery was unearthed by some of the Indian placer miners who now carry on the business of sluice washing the ancient burial grounds of their ancestors to obtain gold objects which are sold only for their metal.—*House Furnishing Review.*

Can Precious Stones be Heated to a Glowing Heat?

[Translated for THE JEWELERS' CIRCULAR-WEEKLY from the *Journal der Goldschmiede Kunst*, of Leipzig.]

AMONG the precious stones the ruby, the sapphire, spinel and various kinds of garnets can be heated in this manner. In answering this question it is always to be presumed that such heating is done with great caution, and that such stones when heated are cooled very slowly, and that they are not exposed when hot to contact with fluids or cold air.

The diamond also may be exposed to great heat, but only at the risk of an increase of the extent of defective marks, cracks and the injury of polished surfaces. Therefore, such heating is to be avoided as much as possible especially when stones of good size are in question.

Emeralds, aquamarine, topaz, hyacinth and some others cannot be exposed to heat, as some of these would lose their color, and opaque and translucent specimens would be cracked by artificial heat.

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A Brief History of Some of the Older New York Jewelry Manufacturing Concerns.

(*Continued from issue of Aug.* 15.)

DOWNING & BALDWIN commenced business about 1830. This firm was composed of John C. Downing and M. G. Baldwin. Subsequently they leased the premises that had been occupied by Palmer & Clapp, 145 and 147 Reade St. Mr. Downing oecupied 145 and Mr. Baldwin 147. Mr. Downing had four children, including two daughters, one of whom married Sylvester Batten and the other William R. Alling, both of Newark, N. J. His sons continued in the jewelry business, but in different concerns. On the death of J. C. Downing in 1846, Mr. Baldwin took into partnership Augustus Sexton, who at that time was salesman for their firm, and the firm name became Baldwin & Sexton. R. N. Peterson, who had learned the trade, was taken from the shop to the office and finally became a member of the firm, which changed to Baldwin, Sexton & Co., and later Baldwin, Sexton & Peterson.

Palmer & Newcomb was composed of Geo. H. Palmer (son of Beriah Palmer, of Palmer & Clapp), and Colon G. Newcomb. Their factory and office was for years at 30 Cortlandt St. They did a large export business with Mexico and the West Indies.

Jos. F. De Guerre was the first filigree worker in the United States. His workshop was located in Reade St. Both factory and office were in the same building; and at that time he was the only one who had the secret of acid coloring.

B. B. Grinnell, who was born in 1812 in Rhode Island, was the first manufacturer to produce the single back sleeve button. He was a member of the firm of Peckham & Grinnell. In 1841 he, with John Shepard, formed the firm of Grinnell & Shepard. Nine months later Mr. Shepard died and the firm became Grinnell & Salisbury, with offices at 23 Maiden Lane. Mr. Salisbury subsequently retired and started the house of Salisbury & Arrowsmith. Mr. Grinnell took his three sons into partnership with him and removed to 189 Broadway, and later went to 23 Maiden Lane. Consumption subsequently carried off all members of the firm.

Wm. H. Earle started business originally in a small way in Elizabeth St., and sold his productions exclusively to city trade. Subsequently he moved his factory and office to the Platt building, in Liberty Place, where, in 1852, he associated with him A. J. G. Hodenpyl, under the firm name of Earle & Hodenpyl. This concern did a very prosperous business for those times. In 1859 Mr. Hodenpyl withdrew and Mr. Earle associated with him J. S. Franklin, under the firm name of Earle & Franklin. They were in business for about five years, when Mr. Earle died, and the business was finally closed up. He left a widow, but no children. The wife died soon afterward.

Geo. O. Street was born Dec. 19, 1816, in New York City. He descended from an old and prominent family, who were numbered among the early settlers of the New Haven Colony, some 250 years ago. He was educated in private schools at Norwalk and Ridgefield, Conn. He commenced to work at the jewelry trade in New York City with Diamond & Tilliston in 1831, but subsequently finished his apprenticeship with Downing & Baldwin, 145 Reade St., between Greenwich and Hudson Sts. Immediately upon finishing his apprenticeship, in 1837, he commenced business as a manufacturing jeweler at the corner of Broad and Marketfield Sts., New York. The following year he moved his factory to 32 Cherry St., thence to Pearl, near Hague St., then to the corner of Broadway and Murray St., when the firm name was changed to Street & Denny.

In 1842 a partnership was formed for five years. The style of the firm was Geo. O. Street & Co., John C. Downing and Moses G. Baldwin being the company. Mr. Downing subsequently died, and A. W. Sexton, a friend of Mr. Street, went with Mr. Baldwin. The firm became, afterward, Baldwin & Sexton. Mr. Street has engaged in business in New York ever since, his factory being part of the time in Norwalk, Conn., and later in Mount Vernon, N. Y. In 1863 the firm's name was changed to Geo. O. Street & Son. Geo. W. Street, the present senior partner of the house, was admitted at that time. The office and factory of the firm, now Geo. O. Street & Sons, has been located since 1861 on John St., between Broadway and Nassau St. Geo. O. Street retired from business in 1892, and is now living at Great Barrington, Mass.

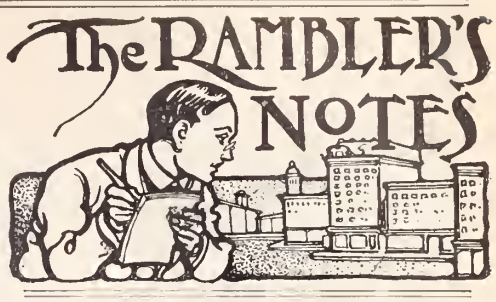
Geoffroy & Co. was founded at Newport, R. I., in 1789 by the great-grandfather of the present Mr. Geoffroy. Soon afterward, it was thought that at some future day New York might become as large as Newport. The business was, accordingly, moved to the lower part of New York City, close to the river. It was then the custom to run all the washings and sweepings of the factory into the river to get rid of them, instead of saving, burning, and realizing on the residue, as is done at present. Keeping up with the changes in business centers, the firm moved to Reade St., near Chapel, which is now West Broadway. Subsequently the concern moved to 10 Cortland St., where it continued many years. A part of this time the style was Brainerd & Geoffroy. During this time the father of the present Mr. Geoffroy retired. Later, as his sons became older, he went into manufacturing again, to make a way for them. The firm then went to Maiden Lane, continuing there since, with the exception of a short period uptown, when the movement set that way. The present location is at 170 Broadway, corner of Maiden Lane.

[THE END.]

Imports of Cheap Jewelry Into Australia.

THE importation of cheap jewelry into the Australian commonwealth amounts to over £340,000 per annum, in which the United Kingdom participates to the extent of about £292,000, Germany doing about £25,000, and the United States about £12,000. The fondness of the people for this class of goods makes the trade an important one.

The import duty on the common lines is 25 per cent. ad valorem, whereas on the genuine article it is only 15 per cent., under the present law.



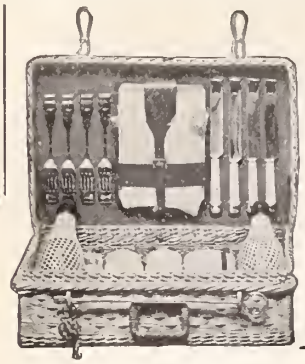
NEW EFFECTS IN COPENHAGEN POTTERY.

A PROSPEROUS import season for the Fall trade is reported by the Royal Copenhagen Porcelain Co. According to the reports given out at the local office, Hudson and Chambers Sts., the booking of orders was completed some time ago, and deliveries are now being made. Christian Scherfig, the New York representative, who spent a considerable part of the Summer at the works, making his selection of samples for the holiday trade, is back in New York, and as a result of his activity many new samples of Danish art in pottery will be shown to the buyers. New samples are received here from time to time all through the year, so that the stock never loses the air of novelty. During the present year there has been an active demand for aluminia pottery, a kind of Danish faience. This line includes vases, bowls, jardinieres and table ware, and meets with especial favor among people who use it for supplying their Summer cottages, the ware being attractive and not so costly as china, so that breakage is a less serious matter. A new line of hand-painted dessert and service plates has perforated borders, the holes in the china being filled with the glaze. Underglaze tints are employed on these borders, and some of the centers are ornamented with floral designs. The collection of animal and eccentric shapes executed in china is larger than ever before. There is an unusual variety in the bird shapes, representing the most characteristic members of the feathered tribe in Denmark. Quite a number of the fancy shapes are designed for a lady's dressing table, being in the form of jewelry trays and boxes.

*

PREVAILING STYLES IN CUT GLASS.

CUT glass manufacturers have introduced during the present year many special services for certain courses of a dinner, and reports indicate considerable eagerness on the part of buyers in taking up these offerings. The prediction is made that next year the showrooms will contain even more extensive lines of this sort, and that entire dinner services of glass ware are not far away. The larger and more elaborate dishes for the table are ornamented with scroll and geometrical figures in bold designs. Louis XIV. cuttings, star-style in design, have proved quite salable this year. The pieces are generally light, and have sharp scalloped edges. Platters for meat, fish and game are made oblong in shape, with handles at either end and a broad rim slanting upward. The bottom is perfectly flat, and the shape gives an appearance of much depth. One of the popular punch bowls comes in the shape of a grape leaf with stem and standard, and is ornamented with a vine pattern. THE RAMBLER.



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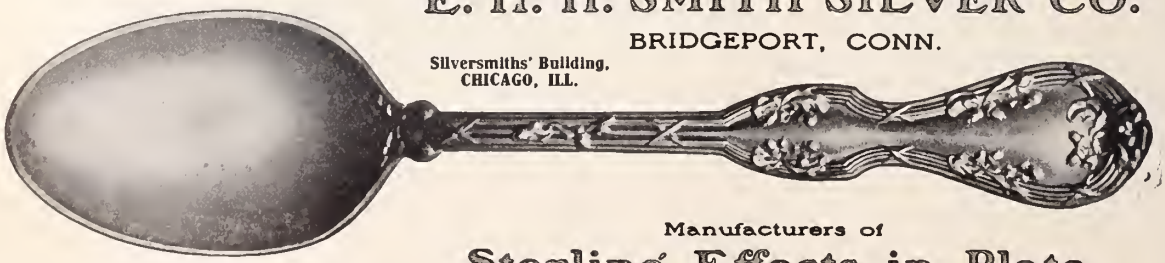
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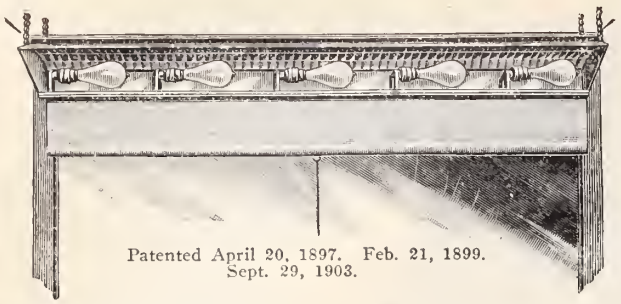


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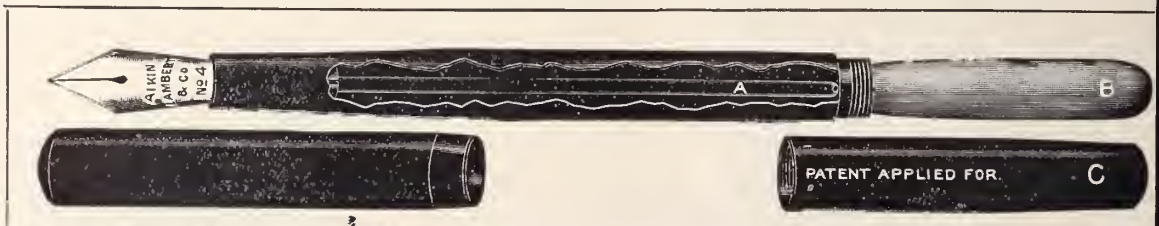
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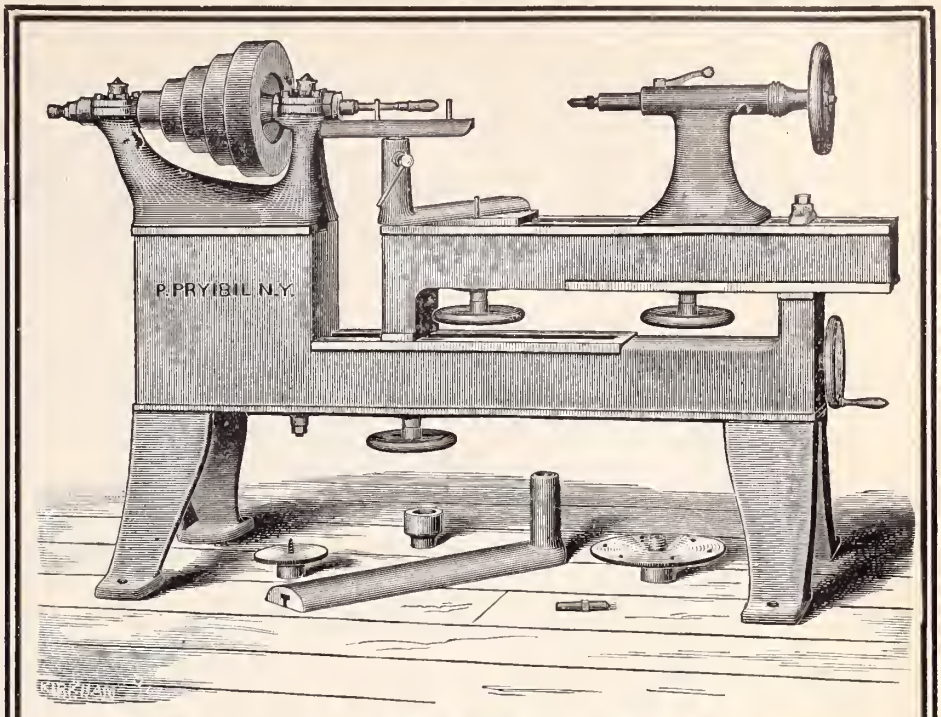
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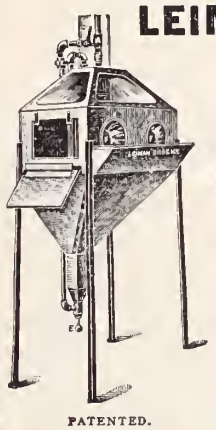
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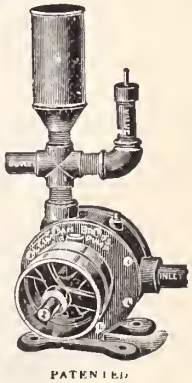
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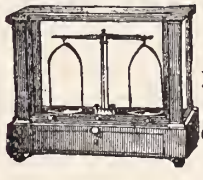
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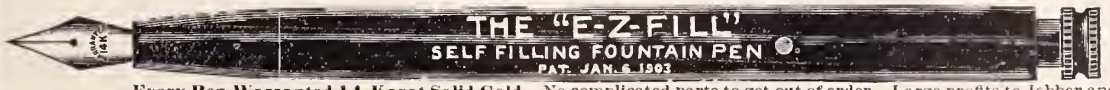
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11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, AUGUST 29, 1906. Vol. LIII. No. 4.



A Handsome Modern Nef Presented to the German Crown Prince and His Bride.

(*See Ancient and Modern Nefs, Page* 43.)

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Fahys

¶ Insist on getting what you want—Fahys Cases—the best filled cases on the market.

¶ If for any reason you have difficulty in obtaining them we will gladly tell you where you can get prompt delivery.

JOSEPH FAHYS & CO.



The Way We Get on "Top"

is by cutting the diamonds ourselves. The way we keep it "going" is by selling the goods in the most inexpensive way.

If you want your business to reach the "top" notch of prosperity, don't pay out your good money for jobbers' profits and salesmen's salaries and expenses.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York





Cupid Does Not Sleep

Consequently wedding rings are always in demand.

Our wedding rings are the best that can be manufactured.

The prices we ask for them, the lowest.

Please bear this in mind, Mr. Retail Jeweler, the next time you order wedding rings.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - New York

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

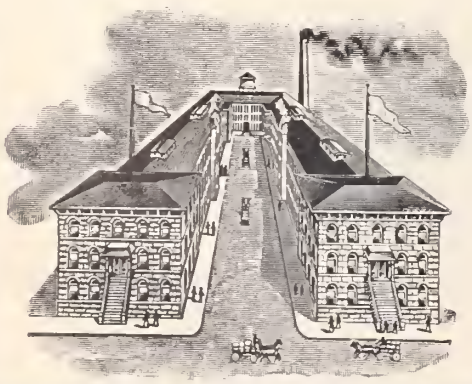
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43	.....	1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57	.....	3005	2.73
18		76	23½	.37	.....	9533	2.97
19	1	00	16½	.34	.....	83	2.14
32		52	49½	.53	.....	213 X	2.83
34		73	34½	.52	.....	733	2.41
46				.58	.....	5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80	.....	1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78	.....	4324	4.00
47		49	79	.80	.....	2726	4.00



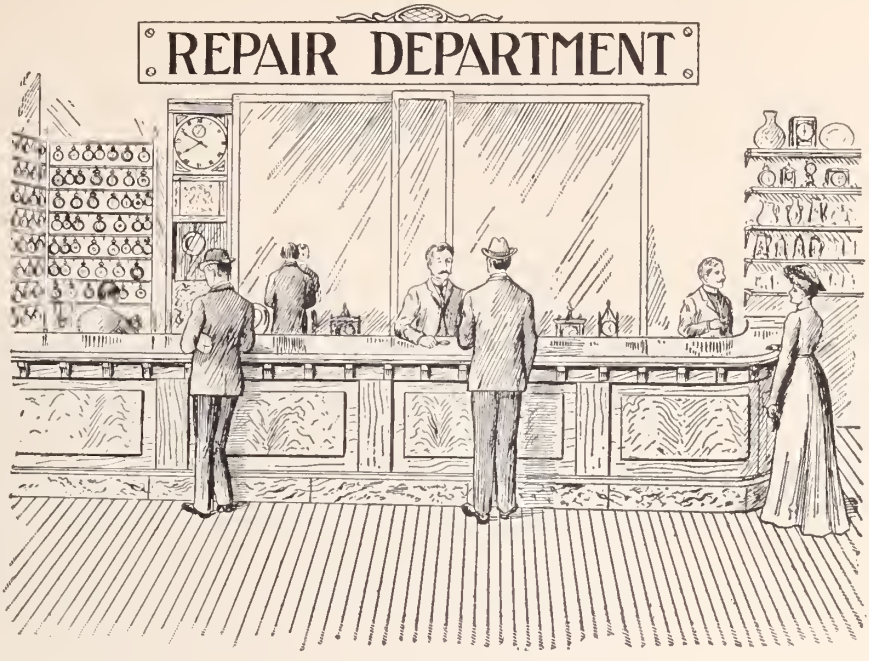
S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.





The REPAIRING

END OF YOUR BUSINESS IS THE MOST IMPORTANT PART OF IT

More people come into your store to leave work than to purchase goods.

Almost every one of your good customers became so through your repair department.

Progressive jewelers know this and concentrate their efforts on the repair department of their business. They give it the most prominent place in their stores; they emphasize it in all their advertisements; they keep themselves and their employes thoroughly informed on the costs of all kinds of work, new ideas and methods; they are courteous and accommodating to repair customers; have all work ready when promised; and do only such work at home as they can do well.

They send all the rest to us.

We devote our entire time, energy, capital, and twenty-five years' experience to this important branch of the jewelry business; employ and educate the best help that can be obtained; systematize and inspect the work, and use every modern method to produce the best work promptly at reasonable prices.

It is to your interest to do business with us, it is to our interest to have you.

Let us work together.

WENDELL & COMPANY

The Special Manufacturers for the Retail Jewelry Trade
Do a larger variety of work than any other firm in the country

TWO WONDERFUL SHOPS:

103 and 105 William Street
Near Maiden Lane
NEW YORK

57 Washington Street
Near State Street
CHICAGO

WADSWORTH "TWENTY-YEAR" WATCH CASES

THE MAN of moderate means, the man who wants the "good," but not necessarily the "best," such men must be provided for. Such, probably, is the "average man." This Watch Case is for him. It "ATTAINS ITS MAJORITY."

Have you the "average man" among your customers? Haven't you a lot of him? General business depends on this "average man." You cannot sell him anything of better value for his money than this TWENTY-YEAR Case. Best of its kind.

***The* Wadsworth Watch Case Co.**

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.



WHEN your customer comes in to buy a watch for his son, be sure and sell him a

Wadsworth Case

as he is then sure to be satisfied, and a satisfied customer is a customer for ever.

The **Wadsworth Watch Case Co.**

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.

? ? ?

Do the retail jewelers appreciate what they were paying for 12 Size movements before our 12 Size was on the market?

Do the retail jewelers appreciate what they were paying for O Size movements before our O Size was on the market?

Do the retail jewelers stop to consider what they would be paying for movements if there was not an independent watch company manufacturing a complete line of superior watches?

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden



**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.







Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaranteed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

"Silver Plate that Wears"



"VINTAGE" Cold Meat Fork

When a woman wants clothes-pins, she asks for clothes-pins—just clothes-pins. But when she buys silverware, she asks for a particular brand. No brand of silver-plated flatware is so often asked for or so well known as

"1847 ROGERS BROS."

First—Because it is the oldest. Its reputation has been growing for sixty years.
Second—It is recognized by trade and public alike as "Silver Plate that Wears."
Third—Our Constant 'round-the-year advertising does not allow the buying public to forget.

It looks now as if our Fall trade would break all records.

MERIDEN BRITANNIA CO.
(INTERNATIONAL SILVER COMPANY, SUCCESSOR.)
MERIDEN, CONN.

"AVON" Berry Spoon



"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M

Always in Red.

FALL NOTICE.

VISITORS coming to this city during the months of September and October are cordially invited to view some of the new productions to be found in our offices at most any time. There is not a single day when our factory, which is on the premises, does not increase our stock with new and magnificent productions; therefore if you call you will see, daily, pieces out of the ordinary, also a line of the plain commercial goods.

Some of our stocks are now on the road, and should you be unable to visit New York this season, do not fail to avail yourself of the opportunity to look through our magnificent Fall line when our representative visits your city. You will find this stock most interesting and far superior to anything now on the market, from the point of excellence, original designs, quantity, quality and exceptional prices.

If you have calls for something in the Diamond line that your stock does not contain, remember that our stock has just such articles.

POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS.

258-260 Fifth Avenue,

NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

The Marlborough

Design Patented Illustrations Exact Size

The Newest Reed & Barton Sterling Pattern, here shown for the first time.
A design of character and dignity, which has met instant favor with the trade.



TRADE MARK

STERLING

Illustrations and prices of these and other designs, both Sterling and Plate, furnished to the recognized Jewelry Trade.

REED & BARTON, Silversmiths

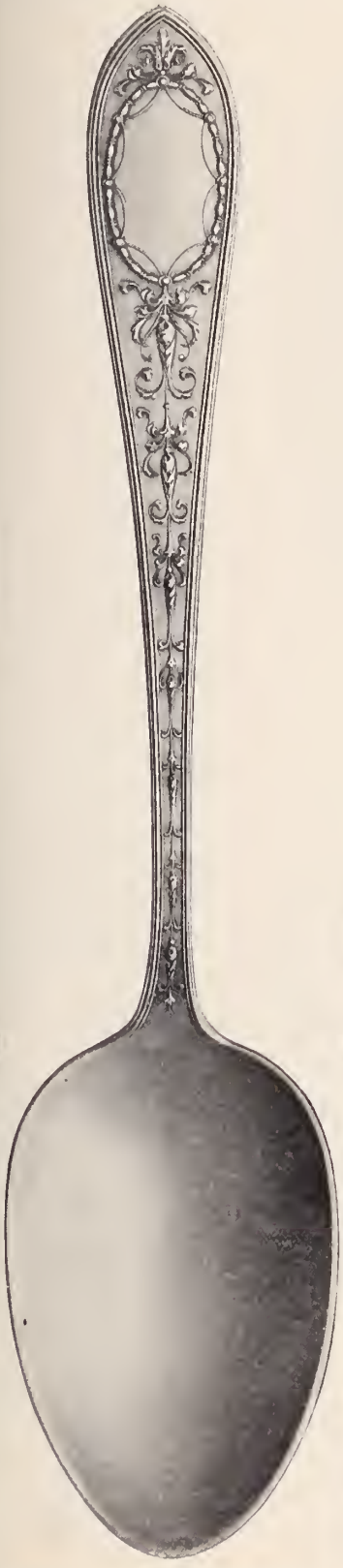
ESTABLISHED 1824

THE OLDEST MAKERS OF SILVERWARE OF REPUTE IN AMERICA

REPRESENTED AT— 320 Fifth Avenue, New York
6 Maiden Lane, New York
103 State Street, Chicago
296 Second Avenue, San Francisco

OFFICES AND FACTORIES
TAUNTON, MASS.

The Adam Pattern



AN ORIGINAL NOVELTY IN FLATWARE.

THE WHITING COMPANY take pleasure in confidently directing the attention of the Jewelry Trade to the prepossessing qualities of their radically new departure in flatware design, now introduced as the Adam pattern.

RECOGNIZING the insistent demand for a line of table silverware that shall fitly harmonize with the increasingly popular Adam Furniture and Decoration, the Company have originated a pattern designed in accord with the principles formulated by those celebrated Eighteenth Century architects, the brothers Robert and James Adam.

A FURTHER claim to consideration may be advanced on its behalf: The elegance of its form and the delicacy of its low relief ornamentation, emphasized by the simplicity of the back, unadorned save by the characteristic "swedge," combine to ensure its welcome by all people of taste and refinement.

A COMPLETE line of the Adam pattern, including Individual and Serving Pieces, is offered and ready for delivery Sept. 1st.

The Whiting Mfg. Co.

SILVERSMITHS

Broadway and 19th Street

New York

TRADE W MARK

STERLING.

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

TRADE WM. ROGERS, MARK

THE CEDRIC



THE reader of Scott's "Ivanhoe" is familiar with the name and character of the noble old Saxon thane who boasted that he had "never bended the knee to Norman blood." Neither will we yield the palm of excellence in Silver Plated Ware, and therefore choose the name **Cedric** for our new line of Flat Ware, confident it will meet with the approval of the Trade not only for the **Established Quality** of this brand of goods, but also for the **Beauty and Originality of Design.**

FINISHED ONLY IN FRENCH GRAY

WM. ROGERS Eagle Brand

SIMPSON, HALL, MILLER & CO.

INTERNATIONAL SILVER CO., Successor

NEW YORK CHICAGO — Wallingford, Conn., U. S. A. — SAN FRANCISCO TORONTO

TRADE WM. ROGERS, MARK

Strikingly Original Examples of Hand Engraved Sterling Ware in Substantial Weight



One of the three new patterns that we have originated for this season. :: :: The intimate and successful union of the most thorough workmanship, the finest finish and the most individual artistic distinction. :: :: Our plain pattern is meeting with as much success as the above hand engraved design.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases Baskets Shirred Wrist Bags Photo Frames Jewel Cases Sterling Novelties
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

SILVERSMITHS *Established 1861*

Sales Office, 3 Maiden Lane, New York FACTORY, NORTH ATTLEBORO, MASS.

¶ Do you know that it pays to sell patterns of which the buyer won't tire?

¶ Did you ever stop long enough to realize that the pattern of the Cut Glass you sell must have good "lasting powers"? There are patterns that make a good first impression, but which don't continue to please. That isn't the kind you should sell. That isn't the kind we produce.

¶ It may seem a small matter to you—a matter for your customers rather than you to be concerned with. But that's not so. A pattern that proves unsatisfactory to your customer will in the end prove unsatisfactory to you—unless you are not looking for future dealings with that customer.

¶ Our patterns in AMERICAN CUT GLASS are the kind that continue to satisfy. They're not the kind of which you tire.

¶ When in New York make our warerooms your headquarters, whether you buy or not.

INTERNATIONAL SILVER CO.

9=11=13 Maiden Lane, NEW YORK

FACTORIES

THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
THE WATROUS MFG. CO.
THE MERIDEN CUT GLASS CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
MERIDEN BRITANNIA CO.
SIMPSON, HALL, MILLER & CO.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.

Every Retail Jeweler

Who buys 40 or more W. & S. B.★ Chains before January 1, 1907, gets a premium

For the aluminum coupon tags on 40 W. & S. B.★ Chains we will send free of charge one Globe Filled one-eighth vest chain, warranted twenty years. For 75 tags we will send free two Globe chains. For 100 tags we will send three Globe chains, absolutely free of charge. Larger numbers of tags will be redeemed in the same proportion.

All W. & S. B.★ Vest, Dickens, Pony and Waldemar Chains are shipped with aluminum coupon tags like this :



It is simply necessary to send the tags to our factory in order to get the premiums.

The four Retail Jewelers who accumulate the largest numbers of W. & S. B.★ coupon tags before January 1, 1907, will be awarded four grand prizes, as follows :

First—One 1907 Model Touring Car
Second—One 1907 Model Runabout
Third—One 1907 Model Motorcycle
Fourth—One Jewelers' Watch Lathe

The winners of the grand prizes are not entitled to any chains, as described above. To compete for the grand prizes all tags must be held until January, 1907. The tags of all who compete for the grand prizes and do not win one will be redeemed in Globe Filled chains. A selection package will be sent on request through your jobber.

W. & S. BLACKINTON CO.

NEW YORK, 14 Maiden Lane — Factory, NORTH ATTLEBORO, MASS.



WORLD BRAND SILVER

THE manufacturers of World Brand Silver take pleasure in submitting for your inspection a reproduction of their new design which will be known as the "Moselle" pattern. ¶ Into the creation of these beautiful pieces of "silver art" we have put the work and study of many months. The result, we feel, is worthy of the reputation for quality, which World Brand Silver has always held.

Let us send you our trade catalogue, illustrating and pricing our entire line.

American Silver Company

Factory: BRISTOL, CONN.

New York
46 West Broadway

Chicago
Silversmiths Bldg.

If It Burns Alcohol We Make It



The Reason Why

The Sternau Coffee Machine is gaining such prestige with the retail jewelry trade throughout the country, is due to the fact that the best points of all the various other coffee machines have been combined and the objectionable features eliminated. All jewelers handling our specialties find them to be fast and profitable sellers. Send for our catalogue No. 21 if you have not already received it.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane



HAND PIERCED BASKET.
Four Sizes.

SILVERWARE SUPREMACY

The Hollow Ware productions of this company are now recognized by buyers who know silverware as pre-eminently superior to other makes.

Smith Silverware is not variable—each piece is characterized by its distinctiveness of design, excellence of finish and substantial weight.

Frank W. Smith Co.

GARDNER, MASS.

Manufacturers of Sterling Silverware

TRADE MARK
STERLING 925/1000

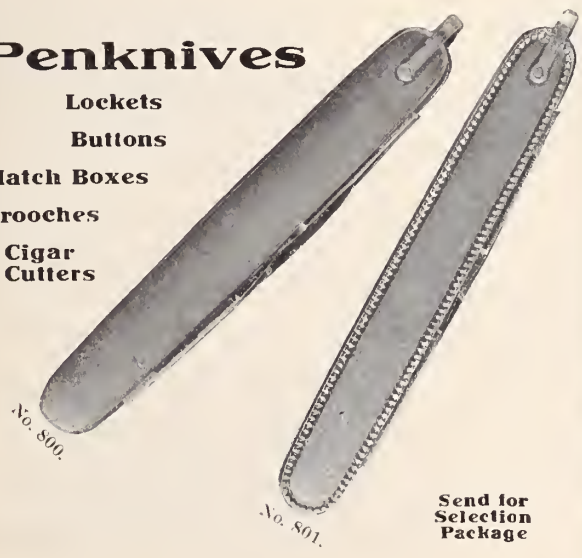
ROBERT LEVY

10K

THE NAME THAT STANDS FOR QUALITY

Penknives

Lockets
Buttons
Match Boxes
Brooches
Cigar Cutters



No. 800.

No. 801.

Send for Selection Package



10K. that is 10K.



No. 804.

No. 805.

Bracelets
Scarf Pins
Fobs
Bead Necks
Heart Charms
Tie Clasps
Etc.

ROBT. LEVY

Manufacturing Jeweler
Green and Columbia Sts., NEWARK, N. J.





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

Genuine Japanese Coral

An Exclusive Line

LIGHTEST AND RAREST, finest and most delicate of all Coral—the most gem-like—is the Japanese. In this Coral the little toilers of the sea achieve their marine masterpieces. It is the queen of the corals.

Coral is to occupy a foremost place the coming season. By happy forethought we are able to provide an exclusive line of **GENUINE JAPANESE CORAL JEWELRY,** comprising delectable showings in Combs, Necklaces, Hat Pins, Bracelets, etc. Goods whose consummate beauty reflects the genius of France, the romance of Italy, and the glamour of the Orient. Not costly.

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



No. ZN104—Hand carved Pearl in Marguerite design with sterling stem etched to match

THE LARGEST UMBRELLA MAKERS IN THE WORLD

Follmer, Clogg & Co.

395, 397, 399 BROADWAY, NEW YORK.
1031 Chestnut St., Philadelphia, Pa.
330 Hays St., San Francisco, Cal.
Factory: Lancaster, Pa.

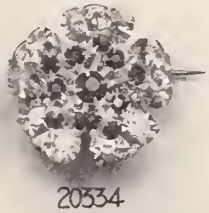
Fine Umbrellas and Handles

Including all the latest foreign novelties especially selected for the jewelry trade. See our immense assortment of distinctive creations for Fall trade.

Our Supply Department
has unsurpassed facilities for furnishing Handles, Bands, Tips, Covers, Name Plates, etc.
Catalogue on request.



No. ZL133.
All Silver Handle, handsomely etched in Rococo design.



20334



20710/2



20439/2

What's the Use of Going to Paris?

At our NEW YORK OFFICE we can show you and deliver from stock the newest Parisian

Brooches, Festoons, Hair Barrettes, Bracelets and Combs

In JETS, RHINESTONES, METAL and MOCK GEMS.

Our line of Fish Skin Pearls is the finest in the market. From 30c. to $25.00 per string.

It will pay every buyer to stop at our salesroom when in the market.

CHOPARD FRÈRES

MAKERS OF FRENCH JEWELRY NOVELTIES

Paris, France:
35 Rue des Trois Bornes

New York Office:
49 Maiden Lane



THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

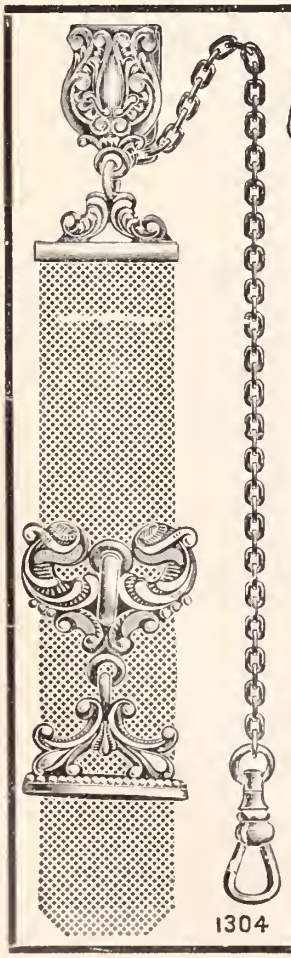
Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.





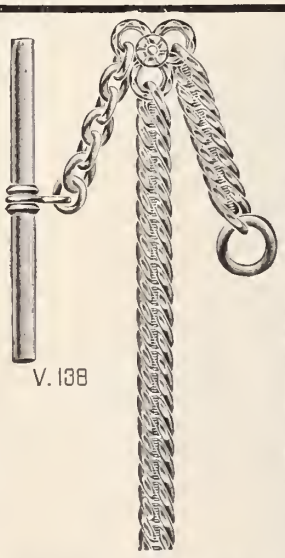
BATES & BACON

Attleboro, Mass.

OFFICES:
NEW YORK, 9 Maiden Lane
CHICAGO, 103 State St.

Makers of
HIGH GRADE CHAINS

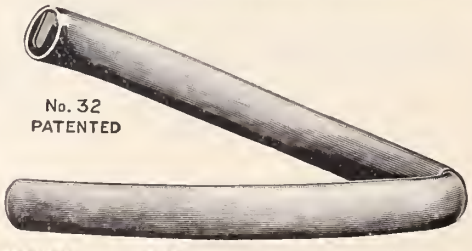
The BEST SAFETY FOB is one of our specialties; Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets and Chatelaines.

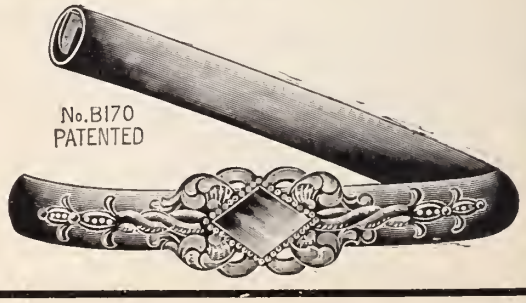




The New "Bates" Bracelets

"Kant-Kum-Off"





Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE, 12-14 JOHN ST. | CHICAGO OFFICE, 103 STATE ST. | FACTORY, NEWARK, N. J.

ROCKFORD SILVER PLATE COMPANY

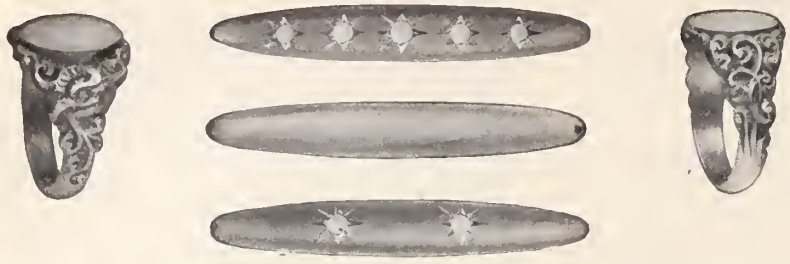
ROCKFORD, ILL.

Only Retail Jewelers Can Buy It



Rockford Silver Plate Co. Made It

Watchword of the Craft—"Stand By Those Who Stand By You"



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK,
3 MAIDEN LANE.

CHICAGO,
42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

CORAL

CORAL

CORAL

BORRELLI & VITELLI,

CORAL MANUFACTURING COMPANY,

All kinds of Coral—DROPS, BUTTONS, LENTILLES.
CORAL NECKLACES, Graduated and Uniform.

PINK AND WHITE CORAL A SPECIALTY.

GOLD MEDAL, ST. LOUIS, 1904.
GRAND PRIX, LIEGE, 1905.

3 Via Amedeo, Torre del Greco, Italy. 32 Rue d'Hauteville, Paris, France.

401 Broadway, New York.

Telephone, 5412 Franklin.



DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing: therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York



SOLID GOLD
CHAINS

The selling price of our goods is based on the cost of honest materials, plus the cost of the very best workmanship it is possible to procure. The usual large selling cost is absolutely eliminated—we have no salesmen. You get the benefit of this system of honesty in manufacture and economy in selling, when you buy our

SOLID GOLD CHAINS

TRADE K MARK

For 56 years, exacting Jewelers have found our chains ready sellers, very profitable to handle and most durable in service. Our prices are very low. We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane
New York

BRACELETS

IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets

Can make to order any style and size Bracelet at very short notice.

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Also GOLD FILLED RINGS, including the popular THREE CROWN

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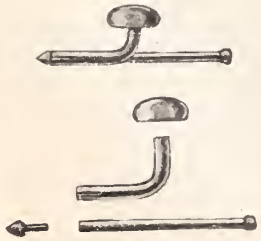


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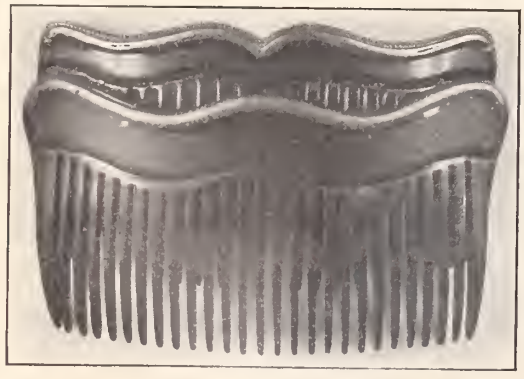
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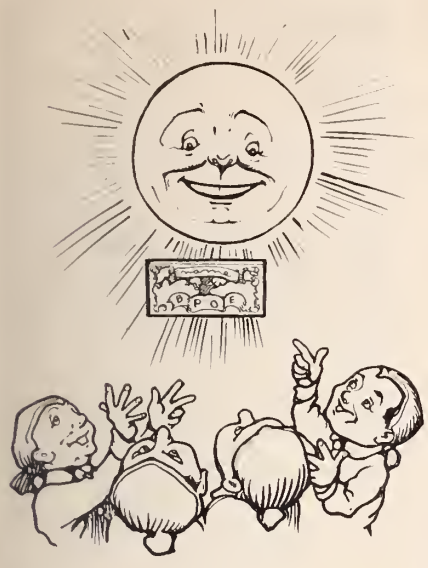


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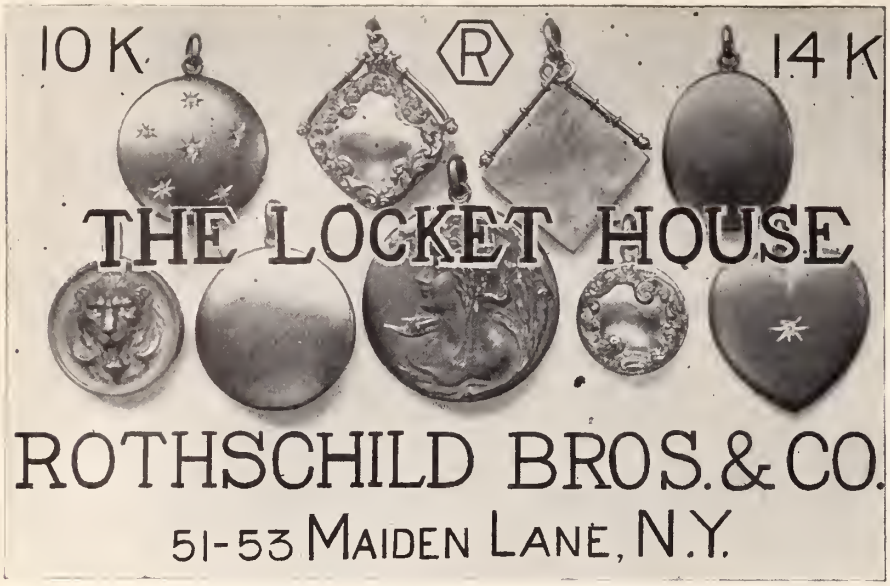
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Can be applied to any work where pin tongues are used.



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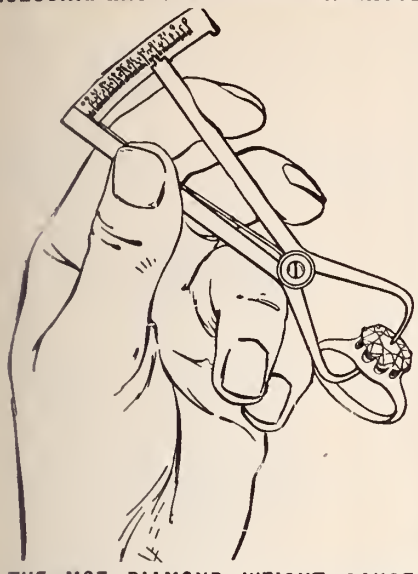
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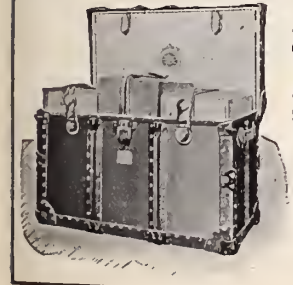
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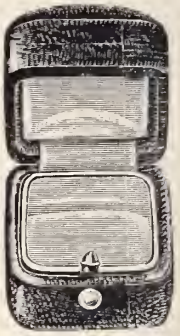
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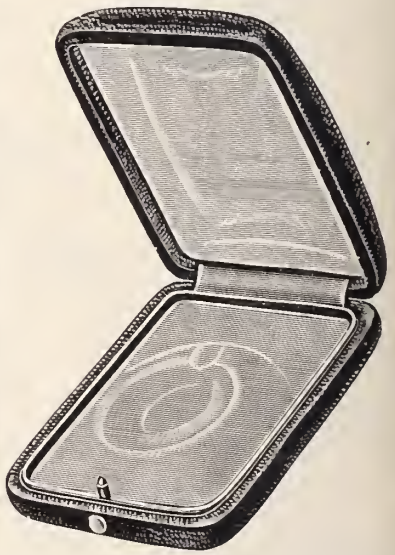
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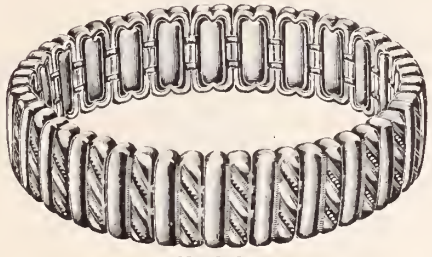
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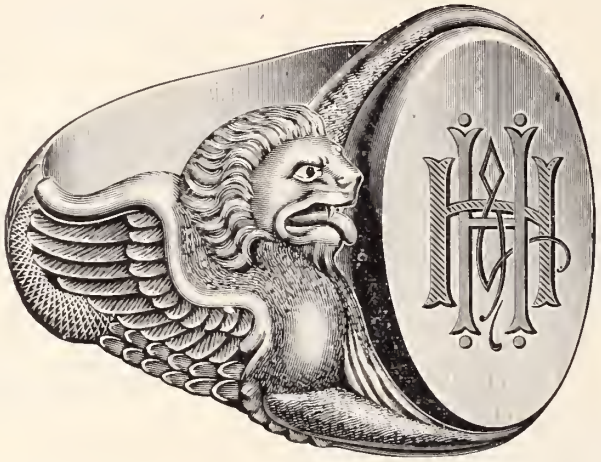
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BEAUTIFUL NOVELTIES
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Link Bracelets

MOUNTED WITH AND WITHOUT FANCY STONES.



The Product of Many Years of Conscientious Manufacture.

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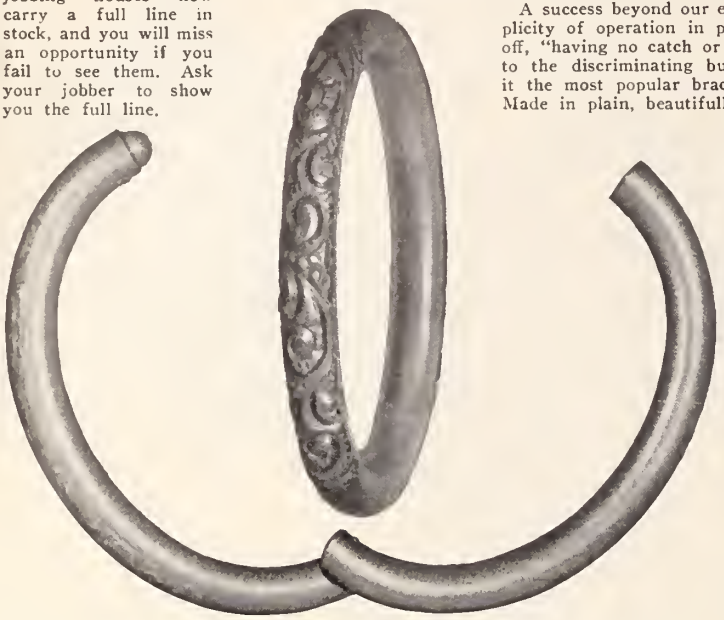
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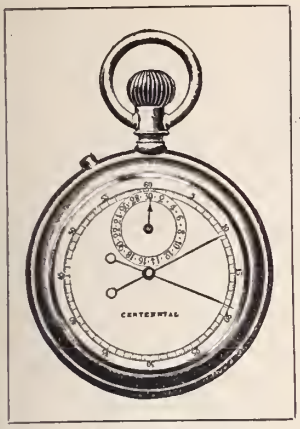
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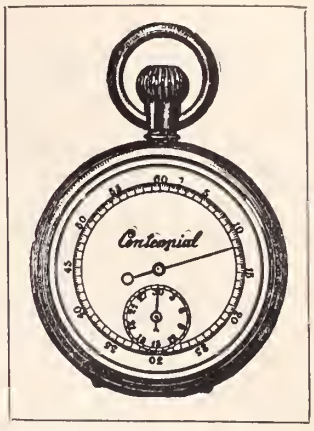
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Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in The Jewelers' Circular-Weekly, *July* 18, 1906, *and will be continued in this and succeeding issues until completed.]*

BERYL.—(*Continued.*)

CEYLON.

Among the precious stones gathered from the widely distributed gem gravel of Ceylon, topaz is fairly abundant, but the bright yellow variety is absent. What is spoken of as topaz among Ceylon gems is the rarer and harder Oriental topaz, or yellow sapphire. The name of "king topaz" is also applied to pink or flesh-colored sapphire. The true topazes of the gravel are either colorless or light green, occasionally also pinkish-yellow or yellow-brown. The first variety is cut and sold under the name of water-sapphire, which belongs properly to iolite (cordierite); the name is entirely misapplied, as the true water sapphire is blue. The green topazes are sold, with true heryls, as aquamarines. The pinkish-yellow stones closely resemble those from Brazil, but with the curious difference that while the latter turn to a clear pink on being heated (the so-called burnt topaz), the Ceylon stones are absolutely decolorized by heat. The source of the gems is not known, as they are obtained only from the gravel, but it must evidently be in the granite intrusives of the Balangoda group.[1]

ZIRCON.

CEYLON.[2]

A large variety of zircons are found in the gem gravels of the Island of Ceylon, with many other precious stones which are a good deal confounded among native dealers and classified largely by color. The Cingalese name *toramalli* is applied indifferently to both tourmaline proper and zircon, and special terms are prefixed according to color. The green variety is mostly zircon, with some tourmaline and chrysoberyl. The pale brown also includes some tourmaline. Other varieties of zircon found are rich yellow and fiery red. The readiness with which zircon alters in color by heat is illustrated in the fact that many greenish stones become a fine yellow by heating, and that the pale brown ones are often completely decolorized in the same manner to form the so-called Matara diamonds.

NEW SOUTH WALES.

A paper was read several years ago by D. A. Porter before the Royal Society of New South Wales on the occurrence of zircon in the New England district of that colony. In a recent article by C. Anderson, mineralogist to the Australian Museum, this paper is cited and some fresh specimens received from Mr. Porter are described in detail.[3]

The principal localities are at Glen Innes and Inverell, places about 30 miles apart. Mr. Porter describes the zircons as found over a considerable area of basaltic country on the northern watershed of the MacIntire River. They occur in stream beds and in raised banks of clay or gravel along the streams or strewn over the surface of low sloping ridges. The specimens are generally broken and cleaved and much worn, but some good crystals occur, varying from clear colorless to dark red.

TASMANIA.

R. Brauns gives[4] the measurement of the crystals of zircon from Tasmania, showing that crystallographically they very strongly resemble those from Russia. Generally, however, the crystals are very large and rolled; others are entirely rounded. These have been extensively imported at Idar and Oberstein. Many of them are colorless and become violet-brown in color by heating. Others are made entirely colorless by the same process.

GARNET.

OREGON.

L. Bush Livermore, of Baker City, Ore., describes a deposit of garnets[5] in the Sutton Creek district, some miles south of Baker City, which he regards as worthy of investigation. He says that near Pleasant Valley, where the principal rock appears to be a black argillite, soft and crushed and with no well-marked planes of bedding, has been found a strong ledge containing garnets resembling rhodolite. Some of these are quite handsome and lustrous, and large enough to cut gems up to 30 carats in weight. Further particulars of this occurrence are quite desirable. Nothing has yet been done to develop it.

ESSONITE.

CALIFORNIA.

A curious occurrence of garnet is reported by F. M. Sickler, as noted by himself and George Frey at a point some seven miles from Pala, San Diego County, but not otherwise specified. The association here was of the Ramona type—essonite garnet with heryl, the former varying from light yellow to ruby color. The garnets occur in rounded pieces like pebbles or nodules. These were found to be, apparently, remnants or cores of larger crystals that had decomposed, leaving their original form as casts in the feldspar matrix. Besides the garnet cores these cavities contained mica and red clay, doubtless products of alteration from the garnet crystals that have partly disappeared.

A fine display of garnets of various shades, chiefly from the Ramona district, was made in the San Diego County exhibit of gem minerals at the Lewis and Clark Exposition at Portland, Ore., in 1905.

PYROPE.

NEW YORK CITY.

An interesting discovery of pyrope garnet has been made in constructing the rapid transit tunnel from the south end of Manhattan Island to Brooklyn. This tunnel runs from the Battery at the foot of Whitehall St. to the foot of Joralemon St., Brooklyn. About 1,000 feet south from the New York starting point, beautiful grains or nodules of pyrope were obtained, capable of being cut into gems of three-fourths of a carat to one carat in weight. These were in connection with serpentine, of which the writer found many pieces on examining the dumps—some of it of the green precious variety—together with kerolite, but he did not succeed in obtaining any that actually contained pyrope.

Pyrope is a mineral belonging to igneous rocks, especially peridotites, from the alteration of which serpentine is frequently formed. The serpentines of New York and vicinity are now quite clearly shown to have originated in this way.[1]

TOURMALINE.

CALIFORNIA.

The colored tourmalines of the Pala district, in San Diego County, Cal., were finely shown in the mineral exhibit of that county at the Lewis and Clark Exposition, at Portland, Ore., in 1905. The principal displays were of rich, deep-red rubellite, from the Pala Chief mine, and of various colored tourmalines, though mainly pink ruhellite, from the San Diego Co., of Mesa Grande. All these were shown in fine specimens, both in crystals and in cut form.

CONNECTICUT.

Information has been received from S. Ward Loper, of Middletown, Conn., that a new locality for colored tourmaline has been opened in the northeast corner of Portland, Conn., at what is called the Strickland quarry. Besides one very large crystal of deep green color, several fine and clear specimens have been found—all green; no pink ones as yet. This locality is but a few miles from the celebrated one at Haddam Neck.

MAINE.

The year 1905 was not very productive in gem tourmalines from Maine. Considerable mining was carried on for feldspar and mica, and some for lepidolite, but the yield in gem tourmaline was scanty. A letter from Loren B. Merrill, of Paris, Me., describes his own work at Mount Mica and gives the general facts as to the other localities. The quarries at Auburn have yielded practically no gem material. At Newry a good deal of tourmaline has been found, some of the crystals very large, up to four inches in diameter; but at that place the crystals are not in pockets, but traverse the pegmatite in the manner of beryls, and hence are liable to much breakage. At this locality pink tourmaline predominates over green. Mr. Merrill has found numerous pockets at Mount Mica, with much cookeite and quartz crystals, but the tourmalines are mostly small and of pale (green) color. One such pocket was notable for its great size, being eight feet long by five feet wide and three and one-half feet deep.

JADEITE.

BURMA.

Jade, so highly valued in China, has long been known to occur in Burma, and much of that employed by the Chinese has been thence obtained. The latest accounts of it are given in the Review of Mineral Production in India for the years 1898 to 1903, by Dr. J. H. Holland, Director of the Indian Geological Survey.[1] The industry is quite extensive, being second only to the ruby mines in the gem-stone production of India. Jade has usually been obtained from bowlders, etc., but in upper Burma it is found in place and is systematically quarried. The locality is in the Mogoung division of the Myitkyina district, near Tammaw, where the jade forms a light-colored layer in a dark green serpentine, which is apparently intrusive in sandstones of Miocene age. Doctor Holland thinks that the jade "must have been separated as a primary segregation from the magma," whence the serpentine was derived.

Some fine material is also obtained from rolled pieces in the valley of the Uru River, an affluent of the Chindwin.

The product is taken to China, partly overland and partly via Rangoon, and thence to the Straits Settlements and China. The trade is quite important, and averaged annually from 1897 to 1903, inclusive, 3,914 hundredweights, valued at £44,770, an average price per hundredweight of £11.44.

All the Indian jade is jadeite, the soda-alumina variety, related to pyroxene. The other variety, nephrite, a lime-magnesia member of the amphibole group, is not known in India at all, or at least of any valuable quality.

KUNZITE, BERYL, TOURMALINE.

CALIFORNIA.

In the report of this bureau for 1903[2] a list was given of mines and prospects on Hiriart Mountain, to the east of the Pala and Pala Chief ridges, in which the gem minerals of the district—colored tourmalines, kunzite, beryl and their associates—were to some extent observed. In the general outline of California gem mines, contained in the report for 1904[3] an account was given of later developments at one of these mines—the Naylor-Vanderberg. Recent information describes quite active work, with promising results, as having been carried on during 1905 at several of these openings. It is highly interesting to find there are now a number of adjacent localities yielding good indications of the minerals that have already made the Pala region so notable in American gem production, particularly of pink beryl and kunzite, as well as of tourmaline and garnet.

The Naylor-Vanderberg mine already noted has been penetrated by a tunnel nearly 200 feet long, which cuts the main vein in the two mines. This has revealed lithium beryl, kunzite and a transparent green spodumene, suggesting that found years ago in North Carolina. A rare ferro-manganic phosphate of purple color also occurs here.

The Hiriart mine has been opened by a tunnel for 80 feet; the ledge here consists largely of albite with disseminated lepidolite. Tourmaline was found and some lithium beryl, but no kunzite. The tourmalines were deep grass green, aquamarine blue, and sometimes green with a pink or a black center.

(To be continued.)

Percy Doddridge, Manchester, O., has retired.

J. A. Linthicum, Altus, Okla., has closed out his business.

M. L. Bowen, Fort Madison, Ia., has disposed of his jewelry stock and hereafter will devote all of his time to the fresh water pearl business. Mr. Bowen, whose quarters are at 2 James Block, makes a specialty of American and baroque pearls and pearl slugs. Mr. Bowen has for the past 10 years been buying and selling fresh water pearls in connection with his jewelry store.

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[1]Mineralog. Surv., Ceylon; 1904.

[2]Ceylon Administration Repts., 1904; Mineralog. Survey.

[3]Rec. Austrel. Museum, vol. 6, pt. 2, Sept., 1905, pp. 95-96.

[4]Separat-Abdruck aus dem Centralbl. für Mineralogie, 1905, pp. 483-485.

[5]Mining Record, July 29, 1905.

[1]Newland, D. H., The Serpentines of Manhattan Island and vicinity; School of Mines Quart., April, 1901, pp. 399-410.

[1]Rec. Geol. Survey India, vol. 32, pt. 1, 1905, pp. 53-54.

[2]Mineral Resources U. S. for 1903. U. S. Geol. Survey, 1904, p. 942.

[3]Mineral Resources U. S. for 1904. U. S. Geol. Survey, 1905, p. 972.

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Ancient and Modern Nefs.

(*Continued from issue of Aug.* 15.)

OF late years nefs have again become very popular as epergnes or table centers, and THE CIRCULAR-WEEKLY has shown from time to time some fine modern creations of this kind, such as the "German Rhine" epergne (see issue of Dec. 13, 1905), that presented to the son of Prince Henry (illustrated in the issue of March 21, 1906), etc., etc. Modern nefs, however, represent models of vessels of former periods rather than modern ones.

On the front cover of this issue is shown the picture of a handsome modern nef which was presented by the Hamburg-American Steamship Line to the German Crown Prince and his bride at their nuptials. It was exhibited along with the other interesting wedding gifts to the royal couple at an exposition of all the wedding presents recently held in Berlin for charitable purposes. The photo shows all the details so clearly that we may dispense with a closer description of this splendid example of modern goldsmithing.

One of the silver wedding presents to the German Emperor consisted of six silver models representing the different styles of shipbuilding from the Viking galley to the Emperor's yacht "Meteor." It was from the combined rowing and sailing clubs of Germany, and is said to have pleased the Emperor almost more than anything else.

CHASABRAS.

Opal Mining in Australia.

SPEAKING of opal mining in a recent report, Consul F. W. Gooding, at Newcastle, Australia, says:

"The White Cliffs opal field is having a steady output of the better grade. One gem obtained six feet from the surface weighed 13 ounces and realized $500. The opal miners claim that the price for the gems is controlled by a ring, and that in consequence fair value is not obtained. The Opal Miners' Protective Association will therefore appoint an agent, to be sent to Germany and America, and will open up show rooms in Chicago for the display of polished opals. Lapidaries will be engaged there for cutting rough opal.

"When the market is firmly established in America depots will be opened in Paris and other Continental cities for the sale of the gems. The local board of directors will take charge of all opal mined and forward them to the head depot in Chicago in monthly consignments, returns being forwarded each month to the miners."

G. D. Elliott, whose stock and fixtures were burned while in transit to Ackley, Ia., has bought new tools and opened a shop in Ackley.

A man giving his name as John Harris was recently arrested in Chicago, charged with being implicated in the robbery of the store of W. W. Bugg, Jackson, Mich., July 22, when stock valued at about $300 was stolen. Five gold watch cases bearing numbers the same as those stolen from the Bugg store were found in Harris' possession. The accused has been brought back to Jackson, Mich., to stand trial.

London Letter.

LONDON, July 15.—Things are getting pretty warm in the optical trade here, the result of the split in the camp which has been formed to fight for the passing of a sight-testing opticians' bill through Parliament, is the placing of certain of the foremost fighters in the hands of the lawyers. First of all, the Worshipful Co. of Spectacle Makers issued writs against the writer of an article which appeared in the *Dioptric Review*, also the editor and the printers and publishers, and it is reported that the British Optical Association has issued a writ against the editor, printers and proprietors of the *Optical Journal*, also for libel, so that the slogan of legal war is heard on all sides. It is to be hoped, however, that some means may be found whereby the troublesome matters may be settled amicably. Just now I understand that the six representatives chosen by the General Board of Opticians to meet the British Optical Association will be in conference toward the end of this month for the purpose of discussing possible ways and means of bringing about peace and the necessary combination of forces in order to get the sight-testing bill through the British Parliament.

* * *

With the coming September the London County Council will open a series of trade classes, including those for silversmithing and jewelry, at the Central School of Arts and Crafts. This is an innovation, and marks a departure on the part of the great British education authority so far as the younger generation are concerned. Owing to the sub-division of industry and the consequent teaching in the workshop of only a section of the industry, lads have become specialized to a lamentable degree. The Education Committee of the London County Council has realized how much is lost to the technical and artistic trades of London by this splitting up and dearth of apprenticeship, and in order to obviate, and, if possible, make up for the dearth of the apprenticeship system, they are determined to establish classes for boys who are just about to leave school, in order that they may give them an opportunity of showing their aptness for the silversmiths' or jewelers' craft. The first of these classes will be opened at the Central School of Arts and Crafts, Regent St. W., where a limited number of boys will be instructed in the craft, but their parents must not earn over £160 per annum. Scholarships will also be competed for, and thus it is hoped that the boys will be encouraged to take an interest in the gold and silversmiths' craft.

* * *

At the Central School of Arts and Crafts, where the experiment will be made with the youngsters just about to leave school, a remarkable exhibition has just closed, in which some extraordinary examples of the evening class students' work have been exhibited. Here might be seen some examples of engraving by youngsters of about 15 to 20, and some fine specimens of work were shown by a lad named Rimmel, only 17, which in artistic drawing and technical quality demonstrated extraordinary power. There were also to be seen some fine medallic modelling by Huskinson and C. W. Thomas, the latter one of the few young seal engravers in England, specimens of whose work is worthy of note. Remarkable silver bowls, plaques and chalices and some very fine work by Miss Amy Wilkins, who, unlike most of the so-called lady jewelers and silversmiths, demonstrates her ability in some fine modeling of female and male forms, and also a center piece, in which she shows extremely fine artistic technical power. There is also a fine caudle cup by a lad named Crookes, and some very fine delicate examples of jewelry by E. T. P. Taylor, who has gained a scholarship of £10 a year, tenable for three years. In the show there is also a fine selection of miniatures, while the enamels demonstrate a good knowledge of technique and artistic capabilities which bid fair to help in the development of the much-neglected enameling art in Great Britain.

* * *

In the Royal Academy there was a very nice casket by Miss Steele and a chalice by Harold Stabler, but although these works find favor with the Royal Academicians, there are lads in the Central School who could give many points to these so-called artistic silversmiths, thus demonstrating the excellent work which the great London central authority is doing for the trade in London. In the Academy there was an excellent selection of medals by Frank Bowcher, and also a very fine frame filled with medals by the French modeler and jeweler, Henry Nocq. The Englishman delights in clearness and definition of form, while the Frenchman believes in the more simple and less finished character. Miss Steele's casket, already referred to, is an excellent piece of work, but it is not so highly artistic or brilliant as one might expect from her. Alfred Gilbert, R. A., had a remarkable center piece, highly colored and wondefully vigorous in its detail, but with its extreme sketchiness it is difficult to altogether appreciate how it would work out in actual silver. So far as the Academy is concerned, there is very little which calls for praise, let alone criticism, and the exhibition of 1906, taken altogether, is as mediocre as one might well anticipate.

* * *

One does not expect to be particularly busy during June or July; they are off months, but a very unhappy spirit pervades. The exports go up, but the sales of jewelry and silver remain at an unfortunately low ebb. We here do not feel very happy when we read the remarkable experience you on the other side of the "herring pond" have with regard to good trade. We hope, however, that with the remarkable increase in our export trade the fancy trades will pretty soon come by their own.

ST. GEORGE.

A pearl, valued at $100, was recently found by Chas. Hilman, Petersburg, Ind., while walking on a sand bar.

J. N. Hoffer, Homestead, Pa., has the sympathy of the trade owing to the recent death of his wife, Mrs. Jeannette Lawson Hoffer. The deceased, who died suddenly of heart disease, after a brief illness, was 32 years of age.

Exports of Jewelry, Silverware, Optical Goods and Kindred Lines from New York.

WASHINGTON, D. C., Aug. 22.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Bremen: 8 packages plated ware, $683.

Calcutta: 350 packages clocks, $1,620.

Callao: 17 cases watches and jewelry, $1,287.

Ceara: 1 package plated ware, $173; 2 packages optical goods, $125; 5 cases jewelry, $145; 5 cases watches, $952; 39 packages clocks, $593.

Corinth: 26 packages clocks, $672.

Guayaquil: 4 cases jewelry, $1,390; 4 packages plated ware, $114.

Hamburg: 2 packages amber cuttings, $500; 1 package optical goods, $125.

Hamilton: 2 cases watches, $1,814.

Havana: 3 packages plated ware, $154; 2 packages plated ware, $180; 2 packages silverware, $416; 6 packages clocks, $167; 2 cases jewelry, $251.

Havre: 2 cases jewelry, $1,500; 1 case watches, $389.

Kingston: 6 packages clocks, $349; 1 case jewelry, $141.

Liverpool: 3 packages plated ware, $1,874; 1 package optical goods, $400; 12 packages jewelers' ashes, $9,500; 34 packages clocks, $977; 2 cases watches, $100; 1 case jewelry, $700; 1 package thermometers, $100; 4 packages plated ware, $257.

London: 3 packages thermometers, $185; 41 packages clocks, $1,537.

Manila: 2 packages silverware, $1,196; 6 packages clocks, $419.

Melbourne: 3 cases jewelry, $311; 7 packages scopes and views, $213; 39 packages watches, $4,159; 127 packages plated ware, $7,914; 12 packages optical goods, $810.

Montevideo: 1 package plated ware, $283.

Rotterdam: 1 package silverware, $100.

Santa Cruz: 19 packages clocks, $285.

Sydney: 12 packages plated ware, $1,282; 47 packages clocks, $1,430; 14 cases watches, $2,067; 7 packages plated ware, $356; 61 packages clocks, $487; 21 packages clocks, $255.

Trinidad: 2 cases watches, $135.

Valparaiso: 5 cases watches, $770; 11 cases jewelry, $447; 20 packages clocks, $843.

Wellington: 2 packages plated ware, $103; 72 packages clocks, $1,480; 10 cases watches, $2,541.

Yokohama: 203 packages clocks, $2,253; 25 cases clock springs, $1,200.

Death of Felix Thoma.

MOBILE, Ala., Aug. 22.—Felix Thoma, a well-known jeweler of this city, was found dead in his place of business at 111 Dauphin St., Sunday afternoon, and his passing is deeply mourned by a large number of friends in business and social life. Mr. Thoma's death was very sudden, as he was apparently in good health when Frank Parker, one of his clerks, left him at 11 o'clock in the morning. Hearing that Mr. Thoma had not gone home, Mr. Parker returned to the store and discovered his employer lying on the floor. An examination of the body showed that life was then extinct. The jeweler had evidently just started to leave the store when he was stricken.

The deceased, who was 72 years old, was a native of Germany, but moved to this country when a young man. About 30 years ago he came to Mobile and started in the jewelry business. For a while he was associated with A. Poetz, in the firm of A. Poetz & Co., but in 1883 withdrew and started in business alone. He built up an excellent trade, and his store on Dauphin St. was one of the best patronized here.

Mr. Thoma married Miss Loeber of New Orleans, and she preceded him to the grave by several years. He is survived by three daughters.

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MEMORANDUM ORDERS SOLICITED.

Arrest of Post Office Clerk May Throw Light on Many Recent Thefts of Jewelry from the Mails.

The arrest last week of Harry W. Swandt, a distributing clerk in the parcel room of the New York Post Office, will it is believed by many members of the jewelry trade, clear up the mystery which has surrounded the losses of goods shipped in the mail, which have been going on for some time. Among the many concerns in the trade who have suffered are: Robt. H. Ingersoll & Bro., 51 Maiden Lane; Joseph Fahys & Co., 54 Maiden Lane, and the L. E. Waterman Co., 173 Broadway. The United States Secret Service agents believe that stock belonging to these and other jewelry firms were in the lot found by the authorities when they visited the home of Swandt, on the fifth floor at 46 Canal St., directly after his arrest.

Owing to the number of complaints which had been received at the office, Superintendent Owens, who has charge of the mailing department from 4 P. M. until 1 A. M., recently determined upon making a careful investigation, and with the aid of Post Office Inspectors Jacobs and Meyer kept a careful watch on all the employes of the department. Suspicion was finally attracted to Swandt by his peculiar actions while at work. In the first place, the inspectors say, he always wore a loose jumper close around the waist and unbuttoned at the neck, and often left his seat and visited the closet in which his regular clothes were hung. While his fellow workers were at lunch the inspectors say that Swandt took an uptown car. In this manner they thought that he would have an opportunity of slipping articles into the jumper, transfer them to his clothes and bring them home without attracting the attention of his fellow clerks, and they therefore planned a test before causing his arrest.

Wednesday last Superintendent Owens threw among a large number of packages which clearly contained jewelry and which were addressed to well-known jewelry houses two small packages on which special marks were put. Swandt, they say, was carefully watched and was seen to leave his seat and go to his street clothes. When Swandt left the building at 9 o'clock that evening he was followed by Owen and two inspectors, but as he passed over City Hall Park, they claim, he discovered that he was followed and started to get away. A fight ensued, but the superintendent and inspectors finally succeeded in bringing the man back to the Post Office, where he was searched. As a result of this search they claim that they found packages of jewelry in almost every pocket, even in the shirt that the swindler was wearing; one of these was the decoy package.

Swandt was locked up and the inspectors went to Police Headquarters, where they obtained a search warrant. Accompanied by Detectives Driscoll and Dowling they went to Swandt's residence in Canal St., and there, they claim, their search revealed a number of small packages, some of which were still unwrapped. In all they claimed to have recovered jewelry worth $4,000.

Swandt was later arraigned by United States Commissioner Ridgeway, and after a preliminary hearing was held for the United States Grand Jury in $5,000 bail.

Friday last William Swandt, Jr., who is a brother of Harry Swandt, was also arrested. He is a clerk in the registry division of the Post-Office, and was held in $500 bail for examination by United States Commissioner Ridgeway on the charge of disposing of and aiding in the secretion of goods stolen from the mails. He pleaded not guilty, and was sent to the Tombs.

At the office of Joseph Fahys & Co. a representative of THE CIRCULAR-WEEKLY was told that losses of their goods in the mail have been going on for some time, but they did not take the matter up themselves because these losses had been covered by insurance, and the matter was in the hands of the insurance company. In all they said that the losses did not amount to more than $1,200, which cannot fall on the company. They did not believe that the property recovered would contain many of their watch cases, as a recent investigation disclosed that some of the stolen property had been marketed in New York through a retail jeweler, who had purchased the watch cases from time to time from a man now believed to be an emissary of the thief.

At the office of Robt. H. Ingersoll & Bro. it was stated that the concern had been making complaints to the postal authorities for some time. "A large number of watches and other articles which we shipped to the jewelry trade had disappeared while going through the mails," said a representative of the concern, "and we do not know whether the man arrested is the only one responsible for these thefts. We learn that 15 cheap watches, all our make, were found on him, and many more were found in his home."

At the store of L. E. Waterman Co. it was said that while many of their pens had disappeared while going through the mails, they could not in any way fix the blame upon the man arrested. The losses in the mails had been greater recently than ever before. Sometimes the whole package disappeared, but at other times valuable pens were taken from the package and the empty box forwarded to the customer. The concern's losses have been covered by insurance.

Reported Discovery of a Diamond in Tasmania.

TASMANIA has added diamonds to the long list of its valuable mineral products, a stone having been discovered at Long Plains, on the West Coast. In reporting on the find W. H. Twelvetrees, the Government geologist, says the ultra basic rocks and the presence of ancient carbonaceous shale strengthen the possibility of diamond-bearing rocks being found in the district.

The specimen discovered is a bright octahedral crystal, with a rather unusual tint of faint greenish yellow at its terminations. Its weight is about one-eighth of a carat. When exposed to heat emanations from bromide of radium, it glows and becomes luminous in the dark, with a beautiful phosphorescence. It compares favorably with other gems.

J. H. Mewborn, LaGrange, N. C., has been succeeded by G. L. Mewborn.

Three of the Men Arrested for Robbing Utica Jewelry Store Held for the Grand Jury.

UTICA, N. Y., Aug. 22.—John W. Bliss, Albert W. Young and Thomas Hayes, three of the four men who robbed Joseph Wineburgh & Son of $2,500 worth of diamonds in broad daylight, were held to await the action of the September Grand Jury in Police Court yesterday. No attempt was made to get bail for the men.

Bliss and Young did not see fit to demand an examination, although it was expected that they would do so. Their lawyers simply waived examination. Hayes, however, wanted an examination, but after about half a dozen witnesses had been sworn, Hayes' lawyer simply asked that his client be discharged. This was denied.

No evidence was offered by Hayes, although it had been claimed he would call witnesses to establish an alibi, that he was in Buffalo the day of the robbery. Hayes' wife and his brother were in court. The prisoner's name is Logan, and his home is in Cleveland, O.

Edward Wineburgh positively identified Hayes as one of the trio who did the job in the store on July 17. Hayes, he said, remained about the case from which the diamonds were taken, while Bliss and Young held the attention of the clerks in the rear part of the store. Mr. Wineburgh's testimony was not shaken on cross-examination. James E. Price and Frank Dunn, clerks in the store, said Hayes resembled one of the three men, but they were not positive. Other witnesses, however, identified Hayes as the companion of Bliss and Young in Utica and Rome on the day of the robbery.

A. T. Kingsley, an Old Millport, N. Y., Jeweler, Commits Suicide at Elmira.

ELMIRA, N. Y., Aug. 22.—A. T. Kingsley, Millport, committed suicide, Aug. 16, by hanging himself in his room at the Bucklee House on E. Water St. He was for many years well known in the jewelry trade both as a merchant and watch and clock repairer. He was about 70 years old, and leaves a large number of friends to mourn his death.

Mr. Kingsley conducted a business for a long time in Millport, and was widely respected. Owing to ill health and advancing age his business dropped off, and this, combined with attacks of stomach trouble, from which he had suffered for about three years, made him so morose and morbid that he had previously made an attempt upon his life. Some time ago Mr. Kingsley's wife went to stay with relatives in Pennsylvania, and Mr. Kingsley had been living at the Bucklee House. When he did not come down to breakfast Aug. 16 the proprietor sent to his room, and, receiving no response, made an examination, only to find the jeweler hanging from a pipe in the center of the room.

The deceased was a veteran of the Civil War, a 32d degree Mason and a member of the Millport Lodge of that order. He is survived by a widow and one sister. The remains were taken to Millport.

Joel W. Freeman, Golconda, Ill., has moved to Centerville, Ill.

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WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

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Importers of Precious and Imitation Stones.

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Unique and Staple Patterns

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Proceedings to Prevent Gorham Mfg. Co. Selling Its Stock in Affiliated Concerns Transferred to New York Courts.

In the Supreme Court at New York, Friday morning, Justice Dowling, sitting in Special Term Part II., reserved decision on an application made by Samuel Untermyer, as counsel for George H. Robinson, for a continuance of the injunction recently granted, restraining the Gorham Mfg. Co. and its officers from selling at auction the stock of the affiliated companies controlled by that concern, which sale had been adjourned until Saturday last. This is, as recently noted in THE CIRCULAR-WEEKLY, the second sale of the kind that Mr. Robinson has sought to stop.

The Gorham Mfg. Co.'s stockholders, at the annual meeting some time ago, authorized the sale of the stocks of the affiliated companies to the Silversmiths' Co., of New York, but Mr. Robinson, who had been dropped as vice-president and director, and who is still a small stockholder in the company, brought proceedings to restrain this sale. Before these were adjudicated the stockholders, at a special meeting, decided to abandon their previous plan and authorized the sale of the stock at auction. Mr. Robinson thereupon began new proceedings and applied for an injunction in Providence to prevent the auction going on. The sale was then adjourned until Aug. 25. Owing to the fact that Mr. Robinson, Mr. Holbrook, the president of the company, and other officers had all become residents of the State of New York, the proceedings were transferred from Providence to the New York Supreme Court, with the result that the motion for a continuance of the injunction was argued in New York on Friday by Mr. Untermyer for Mr. Robinson, and Peter B. Olney, of Olney & Comstock, and Elliott F. Shepard appearing on behalf of Mr. Holbrook and the Gorham Mfg. Co.

Mr. Untermyer opened the argument by tracing the history of the Gorham Mfg. Co., and showed how, through the efforts of Mr. Holbrook, the Gorham Mfg. Co. developed control over seven subsidiary corporations, most of which were but recently bought by the Gorham Mfg. Co. "Mr. Holbrook," said Lawyer Untermyer, "organized this giant company for the purpose of ridding the silverware business of competition, and he thought that he could get control of the stock without paying much for it. The plan was to call upon the stockholders in order to raise the amount from $100,000 to $10,000,000, so that the Silversmiths Co. of New York would be able to own and control the Gorham Mfg. Co. and its constituencies. The scheme was voted for by almost everybody at the meeting of the stockholders except Mr. Robinson. Resolutions were then passed to sell the stock.

This sale, if allowed, counsel said, would endanger the rights of his client as a stockholder of the company. He admitted that the Gorham Mfg. Co. had the right to "own, dispose and sell" its own stock—provided it is done in good faith; but he claimed that the good faith was not apparent here. Mr. Robinson's interests in the company as a stockholder, Mr. Untermyer claimed, amounted to more than $700,000.

Mr. Shepard followed Mr. Untermyer and devoted most of his time to legal authorities on similar cases. He said that 93 per cent. of the stockholders were in favor of the sale. Robinson, he said, desires to have the sale enjoined because the chief owner wishes to protect a sale at a public auction. Mr. Holbrook and his associates were ready to furnish $1,600,000 in cash for the purpose. It was not with the purpose of stifling competition, but to maintain a useful and generous rivalry.

According to the law as now settled, continued Mr. Shepard, after quoting many cases, the minority stockholders in a corporation must submit to the opinion of the majority, unless it can be shown that there is fraud, and the plaintiff has not shown that any fraud whatsoever has been perpetrated in this case.

The whole affair, he said, is one of personal vengeance on the part of Mr. Robinson, who some time ago lost his place in the corporation when he was not re-elected a director. When he was a director, said the lawyer, this very plan against which he is now acting was approved by him.

After a recess of 10 minutes Mr. Olney continued the argument for the defense. Most of his time was occupied in explaining the importance of this case to the silverware business throughout the country. He also read from the reports of the meetings of the directors of the Gorham Mfg. Co. to show that there was nothing whatsoever fraudulent in the plan of making the sales, and that every move was made known to each stockholder.

Mr. Untermyer closed the argument by reviewing Judge Brown's recent decision in the Federal Court at Providence, R. I., granting the injunction against the sale to the Silversmiths Co. "If the sales are allowed," said Mr. Untermyer, "the losses of my client will be enormous and perhaps irreparable."

After the hearing was over Mr. Untermyer gave out the following statement:

"The plan of the Gorham Mfg. Co. is to sell the stock of the subsidiary companies at a pretended auction sale at which there can be only one possible purchaser—the Silverware Stocks Co., originated by Mr. Holbrook for the purpose of purchasing these stocks.

"Mr. Holbrook and his associates as directors and majority stockholders in the Gorham Mfg. Co. propose to sell these stocks at an inadequate price, which was fixed by themselves, to themselves under the guise of an independent corporation. Mr. Robinson claims that this is an evasion of the injunction rendered by Judge Brown, and that there is no difference between the two sales. The Gorham Mfg. Co., prejudicial to the rights of Mr. Robinson as a majority stockholder of the company, alleges that the sale by Mr. Holbrook and his associates was dictated by legal and business considerations. This part is simply a mere pretence."

Fred Eynatten, formerly engaged in the jewelry business in Peoria, Ill., and latterly residing in Denver, Colo., visited old friends, accompanied by his bride, in the former place, last week. The couple will visit Washington, D. C., before returning home.

Messenger Carrying $3,000 for Manufacturing Jewelers' Payroll Held Up and Robbed at North Attleboro, Mass.

NORTH ATTLEBORO, Mass., Aug. 25.—An unusually daring attempt at highway robbery, which narrowly missed success, was made on Wednesday morning when the messenger of G. K. Webster & Co. was waylaid and an effort made to secure the money for the firm's payroll, amounting to over $3,000.

It is the custom of the Webster Co. to send a messenger named Arthur Greene every Wednesday morning to the Jewelers' National Bank to secure funds to pay off the help. Last week he went about his task as usual, and received a trifle over $3,000 done up in a package and secured with twine. Leaving the bank, he mounted his bicycle and started up Bank St. He had gone but a short distance when three men sprang out from the hedges. One man drew a blackjack and struck Greene four wicked blows on the back of the head. Another man displayed a revolver, while the third was making a strong effort to grab the boy by the throat.

The messenger made a plucky fight, but the money was wrenched from his hands and the men started to escape. The boy followed shouting, and several men came to his assistance. The assailants finally tossed away the coin and managed to escape after an exciting chase to some woods.

Mr. Webster was not content with recovering his money, but came out with an offer of a $500 reward for information that would lead to the arrest and conviction of the assailants. He also engaged Detectives Thomas Henry and Goldowsky to work on the case.

Early Friday morning four men were rounded up in Woodlawn, R. I., charged with the crime. At the Pawtucket police station two were identified as having taken an active part in the attempted robbery, and were brought over to Attleboro. The others were released. In the Attleboro District Court that morning the men, who gave their names as William Bebeau and Henry Laferriere, asked for a continuance until Thursday, which was granted.

It is believed that the incident will have a wholesome effect in making the concerns take more care in the methods they use in having their money carried from the bank to the factory. In the past but little care has been taken.

Anchor Silver Plate Co.'s Plant Sold—Stockholders Paid 50 Per Cent.

ST. PAUL, Minn., Aug. 22.—The Anchor Silver Plate Co. of this city has petitioned the district court for a formal dissolution of the corporation. The plant was burned out in September of 1905, and it has not since engaged in business.

The property has been sold and the stockholders have been paid 50 per cent. There are no debts. The property was valued at $105,000.

The building occupied by D. F. Leary, 162 State St., Springfield, Mass., is only 9½ feet wide, and is pointed out as one of the interesting curiosities of that city.

SEND TO US ANY QUANTITY OF

AMERICAN PEARLS

WE BUY FOR CASH.

Send by registered mail or express; we will make an offer by return mail. We will also buy any quantity of

BAROQUE PEARLS (SLUGS).

BUNDE & UPMEYER CO.,

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WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

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Details of the Robbery of a Tray of Diamond Rings from Concord, N. H., Store.

CONCORD, N. H., Aug. 23.—The full details of the robbery of the store of Morrill Bros., 55 N. Main St., which was noted briefly in the last issue of THE JEWELERS' CIRCULAR-WEEKLY, showed that the theft was as bold and daring an operation as has occurred in this town for some time, the thief, a total stranger, getting away with diamond rings valued at $1,000. A reward of $100 for information leading to the capture of the robber has been offered by S. F. Morrill of the firm.

According to Mr. Morrill, about 8 P. M. last Saturday evening the stranger entered the store, looked over some watches and spoke about diamond rings. The man, who was about 35 or 40 years of age, medium height and well dressed in a grayish-brown suit, with a soft hat, looked at some jewelry, but left without purchasing. An hour later he returned and again spoke of buying a ring, and at the stranger's solicitation the jeweler took out a tray of rings set with diamonds, ranging in value from $18 to $175 each, and placed these on the show case.

After looking the rings over carefully the stranger selected one and asked Mr. Morrill for his ring gauge in order that he ascertain the size. To get this Mr. Morrill had to step to his repair bench, about 10 feet away, and as he turned his back to do so the stranger grabbed the entire tray, shoved it under his coat and jumped out of the store.

Mr. Morrill instantly saw what was going on, but before he could get out of the store the stranger was rushing up N. Main St. Though he pursued him with cries of "Stop thief!" the jeweler was unable to overtake the robber, as he was quickly lost in the crowd. Mr. Morrill immediately reported the theft to the police, and though all the livery stables were at once informed and messages sent to surrounding towns, no word of his capture has been received up to date.

Employe Who Robbed New York Jeweler Last April Brought Back from Denver, Colo.

Louis Macharovsky, the 18-year-old clerk who was formerly employed in the jewelry store of Isaac Wolf, at 128 Bowery, New York, and who, as reported in an issue of THE CIRCULAR-WEEKLY last April, disappeared with about $5,000 worth of jewelry, was brought to New York last Friday night by Detective-Sergeant Barry, of the Central Office, from Denver, Colo.

Macharovsky, after the alleged theft, spent many weeks traveling abroad, where he visited his native land, Russia. While in Germany he sent several letters to his previous employer giving advice on how to run a jewelry store. During all this time the detectives of the Central Office became very watchful. After his money would be spent and his "wanderlust" satisfied, the detectives believed that he would return to America, where he loved a Russian girl who lived in Denver, Colo. Several days ago Macharovsky was found there, and he then completed his American travels by being brought back to New York, where he is now held on the charge of grand larceny.

Most of the jewelry stolen by Macharovsky last April," said Mr. Wolf, "has been traced and the most valuable pieces have been recovered. Only a few of the lighter pieces are still missing. The pieces included: Pair diamond earrings, 8 1/16 carats; diamond cluster scarf pin, Tiffany ring, 1 1/16 1/64; Tiffany ring, ¾ 1/32; Tiffany ring, 1⅛ 1/64; Tiffany ring, 1¼ 1/16 1/64; Beljer ring, 1⅝; three-diamond gypsy ring, 2¾ less 3/64; diamond heart, crescent pin, 23 diamonds; diamond tooth setting, 1¼ carat.

Career of the Late Edwin Bixby.

IRONTON, O., Aug. 22.—At the death, last week, of Edwin Bixgy, the well-known jeweler, Ironton lost one of its oldest business men as well as one of its most public-spirited citizens. Mr. Bixby, who had been failing in health for about a month, passed away Thursday afternoon at the home of his daughter, Mrs. M. H. Campbell, 64 S. 2d St.

The deceased was a native of Vermont and was descended from some of the earliest settlers in that State, his forefathers having gone there in 1629. He was born in St. Albans, July 17, 1829, and started in the jewelry business when a young man. Having been urged by his friends to open a jewelry store in Ironton, Mr. Bixby came to this town in 1854, driving here in a buggy with one show case and a small stock of jewelry. These he set up in a little back room, and then and there began a business career which lasted for over half a century and caused him to become one of the best-known and well-liked citizens of the town. Quickly outgrowing his first small quarters Mr. Bixby moved to a larger store, where he remained for 30 years, and 16 years ago again moved his business to the corner of 3d and Center Sts., where it remained under his active supervision until his death.

Outside of the jewelry trade Mr. Bixby had many interests. He was one of the originators and for many years a director of the Woodland Cemetery, and spent much of his time in supervising the work on these beautiful grounds; he was a promoter and for some time vice-president of the Etna Iron Works, and was financially interested in many other local industries, in all of which his judgment and business acumen did much to cause them to develop and prosper. Though a Republican in politics and active in the work of his party he never sought public office. He was prominent in church work, first in that of the Baptist Church and later the Presbyterian Church of this town.

Mr. Bixby was married in 1855 to Miss Elizabeth Wilson, of Lawrenceville, who died 16 years ago. He is survived by eight children, three daughters and five sons, one of whom, Frank A. Bixby, was associated with his father in the retail jewelry business.

The funeral services were held at the Presbyterian Church Saturday afternoon and were attended by a large number of relatives and friends. Rev. L. O. Richmond officiated, and after the church service the body was placed in the receiving vault at Woodland Cemetery.

Death of Frank R. Cross.

COLUMBUS, O., Aug. 23.—Frank R. Cross, who conducted a wholesale jewelry supply business in the Wyandotte building under the firm name of F. R. Cross & Co., died here this afternoon at the Protestant Hospital, from mastoiditis, following an operation which was performed on him last Monday.

Mr. Cross had been ill for nearly 10 weeks. An abscess appeared in the inner right ear, and, spreading, caused the ear drum to burst. It was thought, following this, that Mr. Cross would get well, as he seemed to improve considerably, but later the abscess attacked the mastoid bone, back of the ear. In the hope of saving his life the delicate operation of chiseling through this bone and opening the abscess was performed Monday by Drs. Warner and Brown. He did not recover from the operation as nicely as had been hoped, and by



THE LATE FRANK R. CROSS.

Wednesday it was feared he would not recover. He sank gradually until death came this afternoon at 2.30 o'clock.

Mr. Cross, had he lived until day after to-morrow, would have been 43 years of age. He had been in business in the Wyandotte building for two years, and previous to that had for eight years conducted a retail jewelry store at High and Broad Sts. For several years before that he had traveled for the New Columbus Watch Co. and for the Dueber Watch Case Mfg. Co. He moved to Columbus in 1896 from Athens, O., and previous to that had been located in Jackson, O., and at Niles, Mich.

Deceased was a 32d degree Mason, a Shriner, and past commander of Mt. Vernon Commandery No. 1, Knights Templar. He leaves a widow and father, M. H. Cross. The funeral was held Sunday at 1.30 o'clock, from the residence on W. Fourth Ave., and was under the auspices of the Masons. Interment was at Green Lawn Cemetery.

H. W. Bishop, Connellsville, Pa., recently presented a clock to the local information bureau.

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds
Other Precious Stones, and
Pearls, Diamond Jewelry

1840, Randel & Baremore; 1866, Randel, Baremore & Co.; 1880, Randel, Baremore & Billings; 1897, Chester Billings & Son

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London: 22 Holborn Viaduct, E. C. Paris: 53 Rue de Chateaudun
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New and Attractive Line of

BRACELETS
COLLARETTES
PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

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WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

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Rhode Island Society of Optometry Enjoys Its Annual Outing.

PROVIDENCE, R. I., Aug. 22.—The members and friends of the Rhode Island Society of Optometry enjoyed their annual excursion and field day at Boyden Heights, Friday. As reported in a recent issue of THE CIRCULAR-WEEKLY, the society had previously arranged to hold the event July 27, but owing to the unsatisfactory weather conditions on that day the outing was postponed.

The party, numbering in all about 200, boarded the steamer *Saginaw*, at the foot of Planet St., shortly after 1 o'clock in the afternoon, and immediately set sail. During the sail music was furnished by an orchestra, and an interesting address was delivered by W. J. Davis on the high standard of the society, and also on the strength which it has attained during the short time of its existence. The party, upon arriving at Boyden Heights, proceeded to a dining hall, and after dinner embarked for a sail to Newport Harbor and thence back to this city.

The officers of the society are: President, W. J. Davis, Woonsocket; first vice-president, Dr. J. F. Dodge, Providence; second vice-president, Fred S. Neff, Providence; third vice-president, William T. Wilson, Providence; recording secretary, G. Frederic Beane, Providence; financial secretary, S. A. Dodge, Pawtucket, and treasurer, H. Fellman, Woonsocket. The executive committee is as follows: Charles T. Baxter, Providence; James A. Masterson, Fall River, Mass., and Herbert R. Blake, Providence. The members of the examining committee are: Dr. J. F. Dodge, Providence; H. D. Murray, Providence, and Frederick L. Blair, Providence. The outing committee was composed of the following: Charles T. Baxter, W. W. Ferris and James A. Masterson.

Wholesale Jewelers in San Francisco, Cal., Robbed of $6,000 Worth of Diamonds.

SAN FRANCISCO, Cal., Aug. 22.—It has just been made public that Carrau & Green, wholesale jewelers and diamond merchants, at 1510 Buchanan St., were robbed last week of a package of diamonds valued at $6,000. The robber or robbers appropriated the diamonds without attracting notice or exciting any suspicion, and the members of the firm and the employes have no clue to the identity of the thieves. They have recalled the names and descriptions of practically all the persons who visited the salesrooms on the day of the robbery, but they are unable to pick out the man who may be suspected of the theft.

During that day three parcels, one containing $20,000, one containing $15,000 and the other $6,000 in diamonds, were on display, and each was viewed by numerous buyers. The various parcels were supposed to have been safely returned to the company's safes, and it was not until an inquiry had been made for the smallest parcel that the theft was discovered.

The management is of the opinion that the smallest parcel must have been left exposed in the salesroom for a moment while the two more valuable parcels were being put in the vaults. The city detective force has been working on the case for more than a week without success. A reward of $500 has been offered for the arrest of the thief and the recovery of the stolen gems.

When Automobile Pins Pay 45 Per Cent. Duty and When They Pay 60 Per Cent.

Large safety pins of the variety known as automobile pins, if of plain metal (not washed or plated in imitation of precious metal) or of plain metal set with pieces of glass or paste not faceted nor ornamented with metal scroll work, are dutiable at 45 per cent. under Par. 112 or 193, Tariff Act of 1897, according to a decision rendered last week by the Board of United States General Appraisers. If the pins are made entirely of metal imitative of jewelry or ornamental in character, or if set with imitations of precious stones faceted or ornamented with metal scroll work, they are commonly known as jewelry and are dutiable at 60 per cent. ad valorem under Par. 434 of that act. The decision, which was rendered on the protest of Adolph Strauss & Co., against the assessment by the Collector at New York, was written by General Appraiser Sharretts and reads:

This protest covers safety-pins of large size, known as "automobile pins," which were classified as jewelry and assessed with duty at 60 per cent. ad valorem under Par. 434.

Automobile pins vary materially in design, some being plain and others elaborately ornamented. They are commonly known as jewelry, if set with imitations of precious stones, faceted, with or without metal adornment, or if made entirely of metal ornamental in character and imitative of real jewelry.

The Board reached a like conclusion with regard to hat and bonnet pins, and our decision relative thereto, G. A. 6139 (T. D. 26679), received judicial affirmation.

We see no reason for differentiating automobile pins from other descriptions of hat or bonnet pins, both descriptions being more or less permanent in character and adapted to substantially the same uses.

We accordingly hold that the automobile pins marked on the invoice for identification "S 1" are similar to the pins included in Class 1 of G. A. 6139 (*supra*) and are dutiable at 60 per cent. ad valorem under Par. 434, the Collector's decision covering the same being, in our opinion, correct and is affirmed. We further find and hold that the pins marked "S 2" are composed of brass (not washed nor plated) set with one to three plain paste stones not faceted and not decorated with metal scroll worw, and properly fall within the enumeration of Class 2 of the decision cited. As to these articles we sustain the claim in the protest that they are dutiable at 45 per cent. ad valorem under Pars. 112 and 193 of the present tariff act, the Collector's decision to this extent being reversed.

Jewelers Gold Bars Withdrawn and Exchanged at New York.

Week Ended Aug. 25, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$327,662.53
Gold bars paid depositors	94,584.03
Total	$422,246.56

Of this the gold bars exchanged for gold coin are reported as follows:

Aug.	20	$20,801.65
"	21	81,683.01
"	22	101,452.58
"	23	60,970.34
"	24	62,754.95
"	25	.....
Total		$327,662.53

The business of Thacker & Son, Henry, Ill., has been purchased by C. F. Hollforth.

The Diamond Markets.

ANTWERP, Aug. 15.—Notwithstanding the inactivity of the diamond market this month, the factories continue to operate at full time. It is expected, however, that business will be better during the latter part of the month, owing to the fact that many American and foreign buyers are looked for at that time.

A new firm was recently organized by Nathan Spiero, Jacques Spiero, Bemoit Meyer, Zadok Rudelsheim, Benjamin Polak and Henri Zinger, all diamond merchants of Antwerp, under the firm style of Spiero & Co., to engage in the diamond business for a period of three years beginning about July 27.

The following foreign buyers have been at Antwerp during the past fortnight: Messrs. Gagneur Chavance, E. Mayer, L. Strauss, B. Rapoport, S. Van Moppes, Mitacoupola, Paris; F. Goldsmidt, New York; Messrs. Samek, Y. Figdor, W. Kohn, L. Hirsch, Vienna; Mr. Muller, Nurnberg; Mr. Mattalani and Mr. Kaikati, Beyrouth; Mr. Siebenberg, Mr. Rapoport, Warsaw; Messrs. Infeld, Slovis, Medinkoff and Kauffman, London; Mr. Mendelsohn, Manchester; Mr. Monossohn, Moscow; Mr. Landau, Cracow; Mr. Marks, Cologne; Mr. Penhas, Constantinople; Mr. Schild, Alexandria; Messrs. Roller and Appelberg, Bucarest; Mr. Angelo, Colombo; Mr. Battista, Milan; Mr. Kahn, Stuttgart.

AMSTERDAM, Aug. 15.—The demand for good mêlée and roses is very brisk. Brilliants of one to four grains find ready sales. A new factory will be constructed by M. Wauters & Co., at Hilversum. The New York firm of Joseph Zilver will soon begin to manufacture mêlée and small brilliants at Amsterdam.

The following foreign merchants were here during the last month: Representatives of L. & M. Kahn & Co., Arnstein Bros., Jacobson Bros., S. Lindenborn, Konyn, Frank & Shire, New York; Bowler & Burdick, Cleveland; Mr. Bozenhardt, Hamburg; H. Klein, Antwerp; J. B. Kaufmann, London; Lambert freres and A. & E. Worms, Paris; Mr. Davis, London; S. Abrahams and Mr. Cooper, Birmingham.

PARIS, Aug. 16.—The diamond trade here has been very lively for the last few days, notwithstanding the vacation season, and it is expected that August will prove a fairly good month for the trade. Brown six-faces and roses find quick sales. Merchants from Argentine and the various parts of America are making important purchases. Chili is also buying considerable. In Japan, where conditions were formerly satisfactory, the income tax has been advanced 50 per cent. on precious stones from Sept. 1, and this has had its effect here.

A new company has been formed under the style of Gerson & Co., 34 Rue Richer, for a period of eight years and nine months with a capital 100,000 francs. J. Prout, formerly of 14 Rue Manuel, is now at 12 Rue Choron. Another new firm has been organized under the style of E. & D. Gordon, 10 Rue de Furbigs, for a period of 10 years. The firm of Dumont & Fils, 4 Chaussie d'Ontin, has been dissolved.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS.

Precious Stones and Pearls.

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27 Holborn Viaduct, London.

Saunders, Meurer & Co. Cutters and Importers of

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FINE PEARLS A SPECIALTY.

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27 Holborn Viaduct, London.

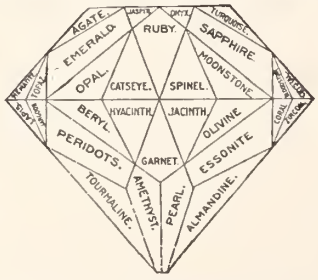
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It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
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of every description made in Platinum, 18K., 14K., all sizes.

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PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

AKRON, O., F. B. Goodman (M. O'Neil & Co.), 320 Church St.

ANDERSON, IND., D. Rosenbaum (D. & J. Rosenbaum), Earlington.

BALTIMORE, MD., L. Freundlich (Almy, Bigelow & Washburn), 2 Walker St.
E. B Hutzler (Hutzler Bros.), Grand.
G. C. Tonolla (A. Eisenberg), Wellington.

BIRMINGHAM, ALA., J. Lowinsohn, York.

BOSTON, MASS., H. E. Asterlund (H. E. Asterlund & Co.), Astor House.
S. Gordon, Broadway Central.
B. J. Orkin (B. J. Orkin & Co.), Astor House.
S. Y. Pierce (Henry Siegel Co.), Imperial.
J. M. Rosencrans (J. M. Rosencrans & Co.), Broadway Central.
W. Weiler (Jason, Weiler & Son), Broadway Central.

BUFFALO, N. Y., J. Boasberg (H. & J. Boasberg), Woodstock.

CANTON, O., R. J. Bour (Bour & Coakley), Navarre.

CHAMBERSBURG, PA., S. R. Snyder, Broadway Central.

CHICAGO, L. M. Bach, Broadway Central.

CINCINNATI, O., E. J. Morris (Loring Andrews Co.), Herald Sq.

CLEVELAND, O., S. W. Gerhart (The Bailey Co.), Hoffman.
H. L. Long, Broadway Central.

COLUMBUS, O., Miss M. Reynolds (Dunn, Taft & Co.), Broztell.

DETROIT, MICH., C. W. Bieber (W. H. Elliott Co.), Breslin.
W. A. Sturgeon (W. A. Sturgeon & Co.), Holland.
H. Taylor (Taylor-Woolfenden Co.), Broadway Central.

EVANSVILLE, IND., Miss J. Barrowman (Henessy-Robinson Co.), 3 W. Church St.

FORT WORTH, TEX., J. E. Mitchell (J. E. Mitchell Co.), Wellington.

KANSAS CITY, MO., M. Schoemann, Breslin.

LYNN, MASS., T. A. Sullivan (P. B. Magrone), Herald Sq.

LITTLE FALLS, N. Y., M. Dubois, Astor.

LOUISVILLE, KY., Sam Frank (Thalheimer & Frank), Prince George.
L. Lewis (J. C. Lewis Co.), Martinique.
V. M. Lorch (Letzler, Lorch & Co.), Herald Sq.
C. N. Sherwood (J. Bacon & Son), Earlington.

MANCHESTER, N. H., W. D. Hebert (W. D. Hebert & Co.), Albert.

MEMPHIS, TENN., L. Finch (J. Goldsmith & Sons Co.), Herald Sq.
Julius Goodman (Jos. Goodman & Son), Ciner & Seeleman, 87 Maiden Lane.

NEW ORLEANS, LA., B. Barnett, Park Ave.

NORRISTOWN, PA., G. Lanz, Park Ave.

OTTAWA, CAN., J. E. Milmot, Navarre.

PAINEVILLE, O., A. E. Kintner, Seville.

PENSACOLA, FLA., B. Gerson, Astor House.
E. F. Sharp (B. Gerson), Astor House.

PITTSBURG, PA., C. W. Wattles (W. W. Wattles & Sons), Westminster.

RICHMOND, IND., C. H. Haner, Albert.

RICHMOND, VA., L. S. Cohen (Cohen Co.), Grand.

ROCKFORD, ILL., J. C. Peers, Markwell.

SAGINAW, MICH., W. D. Broome (Wm. Broome Dry Goods Co.), Grand.

SHELBY, O., Mrs. W. J. Higgins, 20 Irving Pl.

SPRINGFIELD, MASS., G. D. Sleigh (Forbes & Wallace), Broztell.

TOLEDO, O., J. H. Hahn (W. L. Milner & Co.), Broztell.

WASHINGTON, D. C., A. Rosenthal (M. Goldenberg), Grand.

WHEELING, W. VA., H. J. Homrich, Imperial.

WILLIAMSPORT, PA., A. F. Dierner (Dierner & Co.), Bartholdi.

WINCHESTER, KY., L. S. Baldwin, Hoffman.

ZANESVILLE, O., F. W. Pickup (H. H. Sturtevant Co.), Cadillac.

General Appraisers Declare Articles of Utility Set with Precious Stones Not Dutiable as Jewelry.

An important point was decided in the test case Saturday by the Board of United States General Appraisers when they sustained the protest against a duty of 60 per cent. on articles of utility which were studded with precious stones, the Board holding in fact that articles such as bags, cases, picture frames, etc., cannot be properly classified in the category of jewelry as the word is used in the Tariff Law.

The specific case in which the decision was made was a protest filed by M. Knoedler & Co., of New York. The firm imported miniature picture frames composed of precious metal set with diamonds and pearls. Collector Stranahan exacted duty on the frames as jewelry at the rate of 60 per cent. The importers went before the Board with the claim that the frames should be deemed "manufactures of metal" as that term is used in the law.

In his opinion, written for the Board, General Appraiser Sharretts says in part: "Had the frames in question been designed or suitable for use as articles to be worn on the person we would entertain no doubt of the correctness of their classification as jewelry. Articles of utility, such as chatelaine bags, jewelry cases and picture frames, not being articles of personal adornment, are not included within the dictionary definition of jewelry, no matter how valuable they may be. We accordingly find that the disputed goods are not commonly known as jewelry."

Embezzlement Charge Lodged Against a Man Said to Be a Diamond Salesman.

PITTSBURG, Pa., Aug. 26.—H. F. Haley, who is said to be a diamond salesman and a resident of Pittsburg, was arrested in Wheeling, W. Va., last week and placed in jail in default of $2,000 on a charge of embezzling $620 worth of precious stones. The charge is said to have been made by F. E. Blairdell, who is said to be the owner of the diamonds. Haley is alleged to have pawned them for the sum of $60.

According to the story told by the Wheeling police, Haley fell into evil ways, and through some companions was started on a spree. It is alleged that he ran out of money, and in order to get some ready cash he pawned the diamonds with a local pawnbroker for the small sum, believing that he would soon be able to get the cash and redeem the gems. But the owner is said to have become aware of the fact that the diamonds had passed out of Haley's hands. The pawning is supposed to have taken place about Aug. 6, and since then Haley has been under the eye of the Wheeling police. He is said to have been arrested at the McClure House, and when arraigned before a magistrate waived a hearing.

General Appraiser Increases Value of Diamond Shipment from $46,000 to $60,800.

General Appraiser T. S. Sharretts, Monday, rendered his decision on a reappraisement appeal that has been the subject of much interest in the trade for some time past. This involved the advance in value on a consignment of diamonds imported by Edw. Van Dam, one of the largest cutters in this country and Europe. The diamonds were sent by Mr. Van Dam's house in Amsterdam to his house in New York.

The shipment, which was invoiced at about $46,000, included a large number of very fine gems, which, upon their arrival here, were sent to the Appraisers' stores for the usual examination. C. A. Treadwell, the assistant examiner, reported to Edward S. Fowler, the Appraiser of the Port, that the importations were undervalued, and recommended that advances over invoice values should be imposed. The Appraiser thereupon advanced practically all of the items on the invoice from 30 to 40 per cent., while in some instances the advances approximated 50 and 60 per cent.

Mr. Van Dam thereupon appealed, and the case came before United States General Appraiser Sharretts, who took testimony from the leading importers in the diamond trade of New York. In the decision rendered yesterday General Appraiser Sharretts sustained, in great part, the returns made by the local Appraiser, bringing the total valuation up to about $60,800. Reductions were granted on several of the lines represented in the importations from the values found by Appraiser Fowler. In the absence of his attorney from the city, Mr. Van Dam said yesterday that he had no statement to make for publication at present, and was not certain whether a board of three General Appraisers will be called on to review the findings of the Appraiser's office and General Appraiser Sharretts. It was stated by a friend of the importer that if any mistake was made it was the fault of an employe in the Amsterdam office, and was done without Mr. Van Dam's knowledge or consent.

General Appraiser Sharrett's decision in detail reads:

181 pieces, 1027/16 carats, entered at 207, advanced to 275 florins per carat; 75 pieces, 48-15/16 carats, entered at 176, advanced to 240 florins per carat; 102 pieces, 46-15/32 carats, entered at 144, advanced to 204 florins per carat; 70 pieces, 48-3/18 carats, entered at 160, advanced to 240 florins per carat; 66 pieces, 45-19/32 carats, entered at 150, advanced to 195 florins per carat; 275 pieces, 43-17/32 carats, entered at 70 advanced to 95 florins per carat; 32 pieces, 28-11/16 carats, entered at 150, advanced to 220 florins per carat; 20 pieces, 12-7/16 carats, entered at 140, advanced to 190 florins per carat; 52 pieces, 34-1/16 carats, entered at 130, advanced to 185 florins per carat; 54 pieces, 34-25/32 carats, entered at 80, advanced to 115 florins per carat; 4,392 pieces, 211-27/32 carats, entered at 142, advanced to 175 florins per carat; 2,023 pieces, 21⅛ carats, entered at 200, advanced to 250 florins per carat. Add packing.

If the present appraisement is allowed to stand the additional duty and penalty will amount to over $20,000, as the Government may collect one per cent. for every one per cent. advance.

W. A. Harper, Columbus, O., who recently disposed of his business interests at that place, is now associated with A. Newsalt, Dayton, O.

ADDISON W. WOODHULL, President.
FRANK K. HUFF, Vice-President.

GILBERT T. WOODHULL, Treasurer.
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Large assortment of all kinds of very fine, fancy and rare gems, including Pearls, Diamonds, Rubies, Emeralds and Sapphires.

Particularly Fancy Colored and Fancy Shaped Diamonds.

News Gleanings.

T. M. Clark, Canton, O., has discontinued business.

J. R. Hoyt, Waldron, Ark., has gone into bankruptcy.

W. F. Hurr moved recently from Marion, O., to Prospect, O.

John C. Johnson, Norwood, Mo., has removed to Cabool, Mo.

Alex. F. Snyder has sold out his jewelry business in Victor, Colo.

Tony J. Collins, Proctor, Minn., is erecting a new store building.

H. C. Jason has bought out the business of Willard W. Wells, Lodi, O.

G. F. Matteson has purchased the business of Wm. E. Nuss, New Haven, Conn.

C. H. Combs, Huntley, Nebr., moved recently to Kenesaw, in the same State.

Mrs. August Shibley, Wooster, O., has been succeeded by Shibley & Hudson.

Bernhard Rydberg, Red Lodge, Mont., has been succeeded by Major & Luhrsen.

The Minton Jewelry Co., Inc., El Reno, Okla., will move, Sept. 1, to Oklahoma.

Guthrie & Peck, McIndoe Falls, Vt., have failed. The business has been closed.

Franklin F. Lewis, formerly of Luther, Okla., is now located in Hoisington, Kans.

L. J. Whittemore is continuing the business of Wm. Whittemore, Princeton, Wis.

A. E. Palmer, Grand Forks, N. Dak., has gone to New York on a purchasing trip.

W. G. Hagy, Abingdon, Va., has admitted a partner, the new firm style being Hagy & Barbee.

Gustav D. Scheel, Weyauwega, Wis., has been succeeded by the Weyauwega Jewelry Co.

August Jacobs, Quincy, Ill., has just returned home from a recuperative trip to Colorado.

F. M. Phelps, Melrose, Mass., is now a member of the firm of Phelps Bros., Alma Center, Wis.

M. M. Barber and Guy B. Jenison, Blaine, Wash., have been succeeded in business by Barber & Barr.

J. P. Schlaefer, of Campbellsport, Wis., is erecting a new building which he expects to occupy about Oct. 1.

Louis Wegusen, Austin, Minn., has gone into partnership with his brother, Jacob Wegusen, at Grand Rapids, Minn.

John Walborn, Selins Grove, Pa., has admitted his son into the business, and the firm style is now John Walborn & Son.

The store of D. B. Rouse, located in the Red Cross Pharmacy, Tampa, Fla., was robbed last week of a considerable quantity of rings and jewelry. This is the second time within a week the place has been entered by thieves.

Nearly the entire business section of Haileybury, a new town in the Temiskaming district of New Ontario, was destroyed by fire, Aug. 21. H. Walsh, jeweler, was among the sufferers, with a loss of $2,500. His stock was insured for $1,500.

Thieves about a week ago broke into the retail jewelry establishment of Thorpe & Hoberg, 511 4th St., Sioux City, Ia., but were frightened away before securing any plunder. Entrance to the store was gained by removing panes of glass from the window sashes in the rear of the store.

Connecticut

C. E. Trewshella has just assigned to the American Silver Co., Bristol, his patent rights on a new vapor lamp.

Harry M. Law, of the American Silver Co., Bristol, returned home last week from his regular annual vacation.

Irving H. Chase, Waterbury, is a candidate for Senator from the 15th Ward, having received the Republican nomination.

W. T. Woodruff, superintendent of the Seth Thomas Clock Co., Thomaston, left last week for a 10 days' visit at Saratoga.

Supt. M. H. Brown, of the E. A. Bliss Co.'s factory, Meriden, accompanied by his wife, is spending his vacation at Block Island.

E. B. Everitt, secretary for the C. F. Monroe Co., Meriden, who has been critically ill with heart trouble, is reported to be much improved.

It is expected that the new foundry building now being erected in New Britain for the Landers, Frary & Clark Co., will be ready for occupancy Sept. 1.

The New England Pin Co., Winsted, has just begun to manufacture glass-headed hat and stick pins. Henry F. Nueller, formerly of Brooklyn, N. Y., is in charge of the new industry.

The seventh annual reunion of the Tiffany family was held last Wednesday at C. H. Tiffany's residence in Park Hampsted, within sight of the famous Tiffany elm. Nearly 100 persons were present.

The cups and medals awarded to successful participants in the field day events of the Connecticut Total Abstinence Union, held Aug. 25, were exhibited in the display window of G. W. Fairchild & Sons, Bridgeport.

E. J. Pierpont, Naugatuck, whose store in the Webster Block has been leased by another concern, has leased a store in the Thomas Neary Memorial Building, which is now being erected at the corner of Church and Maple Sts. Mr. Pierpont's store will be on the Maple St. side.

At the recent conference of the stockholders of the National Self-Winding Clock Co., held at the office of C. P. Cullman & Co., 68 Wall St., New York, a committee recommended that bondholders foreclose. A large part of the stock of the concern was subscribed to by residents of Bristol and Hartford in 1901-02. The company was reorganized a short time ago, when it resumed business in Champaign, Ill.

Newark.

The American Clock Co., which had a registered office in this city, has filed a certificate of dissolution with the Secretary of State at Trenton.

The home of Ernest A. Dreher, a member of the jewelry manufacturing firm of King & Dreher, 42 Walnut St., was robbed of money, jewelry and other goods to the value of several hundred dollars, Thursday evening. Mr. and Mrs. Dreher left their house at 15 Van Ness Pl., for an automobile ride. They were gone about an hour, and on their return found that a thief or thieves had ransacked every room. The contents of closets and drawers were strewn about and it was evident that the intruders wanted only money and jewelry, as many other things of value were left untouched. Entrance had been gained by forcing a parlor window facing on a front porch. The articles stolen, according to a list furnished to the police, include one gold bracelet set with four Chinese jade stones, worth $65; a valuable combination opera and field glass; a gold chain worth $65; six pearl shirt studs; a sapphire stickpin, set with two diamonds, and $50 in cash.

New Stores and Enterprises.

S. Davidson has started in business in Vancouver, Wash.

C. L. Carter has opened a retail jewelry store in Granby, Mo.

Ray Steininger will shortly open a new store in Schleswig, Ia.

John A. Bartholomy is about to open a store in Grano, N. Dak.

M. Schaul began business in Seattle, Wash., a short time ago.

J. Nelson will begin business in Wilton, N. Dak., in the near future.

Mr. Green, formerly of Peekskill, N. Y., has opened a store at 137 Main St., Nyack, N. Y.

D. W. Camp is a new jeweler in Wyalusing, Pa., to which place he moved recently from Macyville.

J. E. Preslar recently started in the retail jewelry business in Monroe, N. C. His store is located on Franklin St.

R. S. Beeman has just opened a watch and jewelry repairing shop in a new building on Main St., Winsted, Conn.

H. Bissett last week opened his new store on Jefferson Ave., Moundsville, W. Va. The quarters have been fitted up with every modern improvement.

Hugh Montgomery & Co. will open a new optical goods store on Boylston St., Boston, Mass., Sept. 1. Mr. Montgomery has been for some time with the firm of A. J. Lloyd & Co., of the same place.

Chas. F. L'Hommedieu & Sons Co. was incorporated about a week ago in Chicago, with a capital of $10,000, to manufacture plating machinery. The incorporators were Charles F., Charles E., and Arthur W. L'Hommedieu.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Aug.	21	$.66⅝	30 13-16d.
"	22	.66⅝	30 13-16d.
"	23	.66¾	30 7-8d.
"	24	.66⅞	30 15-16d.
"	25	.66⅞	30 5-16d.
"	27	.66⅝	30 3-16d.

C. W. Goodman, Portland, Ore., was one of the plaintiffs a short time ago against S. Mazourvski, a jewelry auctioneer at 222½ 1st St., of the same place. Mr. Goodman, who has conducted a store a few doors away from Mazourvski, declared that the defendant's license as a jewelry auctioneer should be revoked. It was finally revealed that the license committee had recommended granting the license to the defendant, and that the City Council had refused to do so. It is alleged that several complaints of misrepresentation had been made against Mazourvski.

Buffalo, N. Y.

TRADE CONDITIONS.

Jewelers of Buffalo complain that the excessive heat of the last week has injured their trade. The weather has been warmer this August in Buffalo than ever before known to the trade, and the result will be a material falling off in receipts. One Main St. jeweler said: "It has been so hot that it has been impossible to properly wait on customers."

N. Dreyfus, of N. Dreyfus & Co., has returned from an extended trip.

Berthold Block, 520 Main St., came home last week from a road trip, which he says is one of the best he has had in his experience.

George W. Sipe, Kokomo, Ind., the guest of his brother, A. E. Sipe, diamond importer at 8 Mooney building, returned home last week after a long visit here. John F. Sipe, New York, arrived here Sunday, and is now the guest of his brother, A. E. Sipe.

On Monday of last week the jewelry store of Isaac Traub, 1905 Main St., Niagara Falls, was entered by burglars, who got away with $300 worth of jewelry. Detective Sergeant Sullivan, of this city, on Thursday recovered the stolen goods from a Main St. pawnshop. Mr. Traub identified the jewelry at police headquarters Thursday evening. He is much pleased at the success of the Buffalo police in getting back the stolen property.

James Conners and Thomas Ryan, giving Cleveland, O., as their home, are held by the police here on suspicion of stealing jewelry, a vocation that has been thriving in Buffalo in the past several weeks. When searched at police headquarters several silver watches, a Masonic emblem, several gold rings and cuff buttons and silver-handled pocket knives were found on them. While awaiting information about the men the police are also trying to find the owners of the jewelry.

Last Wednesday detectives of the Buffalo Police Department made a sensational capture of a hotel jewelry thief on the roof of the Genesee Hotel. The man gives the name of Harry Mesaman, an Englishman. For several weeks the guests of Buffalo's leading hotels, which included many jewelry salesmen, have been robbed of their jewels and money by some person crawling through windows from the fire escapes. The police were notified, and decided to try the hotel roofs in an effort to effect a capture. Detectives were accordingly stationed on the roofs of all the principal hotels last week. The detective on the roof of the Genesee was the only one rewarded. Shortly after midnight last Wednesday morning he espied a man creeping along in the darkness about 10 feet away. He crept slowly up to the fellow and grabbed him. A scuffle followed, but the detective proved the master of the situation. He called for help, and it was forthcoming. The prisoner was escorted from the roof to police headquarters, where he gave his name as Mesaman and confessed. Before the police judge he pleaded guilty to burglary and larceny and was held for the Grand Jury.

The building occupied by M. S. Churchill, Hayfield, Minn., was destroyed by fire about a week ago. The stock and fixtures were saved.

EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS,

65 NASSAU STREET, (Prescott Building.) NEW YORK.

STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

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CHICAGO,
103 State St.

LONDON,
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TRADE-MARK. TRADE-MARK.

Mines: MINERAL PARK, ARIZONA.

Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.

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SPECIALISTS IN REPAIRING AND REPOLISHING RARE AND VALUABLE GEMS
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THE NEW BADGE FOR "EAGLES"

There's nothing ordinary about our new "Eagle" insignia for the coat lapel. It has originality and character in its makeup, and it is striking without being garish.

There's only one other device for a secret order to compare with it in compatibleness and suggestiveness. That's the Elk Head Badge of the B. P. O. E.

They both tell at a glance what they stand for.

Samples sent to jewelers for examination gladly and promptly.

Louis Kaufman & Co.
RINGMAKERS
82-84 Fulton St., New York

LK SHORTHAND FOR RING SUPERIORITY

Philadelphia.

F. B. Wallen, 405 Broadway, Camden, N. J., sailed last week from New York for Portland, Me.

James J. Blisard, of John F. Blisard & Co., returned from a trip through New Jersey last week.

A. G. Tausley, Darby, Pa., has taken his family to Pitman Grove, N. J., for the month of August.

Thomas J. Campbell, of the Koshland & Italie Co., returned last week from a trip to the eastern coast.

T. Stuart Bunting, with E. J. Hertz, 13th and Chestnut Sts., has returned from a pleasure trip to Delaware.

Charles Kranich, 2466 Kensiugton Ave., was last week at the Delaware Water Gap seeking rest and recreation.

B. C. Hartman, Staunton, Va., was in this city last week, buying goods and combining business and pleasure.

D. C. Hart, watchmaker for F. B. Wallen, 405 Broadway, Camden, is spending a two weeks' vacation in the country.

J. F. Zellers, late with Weber Bros., N. Front St., as watchmaker, will open a store of his own, Sept. 1, in Millersburg, Pa.

Louis J. Meyers, 104 S. 8th St., advertises a reward of $50 for the return of a diamond stud, 2 1-16 carats, lost by him recently.

Charles H. Hamer, Frankford Ave., above Lehigh, has purchased a cottage at Wildwood, N. J., where he will hereafter spend the Summer.

Leonard Sanders, city salesman for J. B. Bechtel & Co., purchased a house last week at 629 E. Clearfield St., into which he will move as soon as alterations are made and its furnishing completed.

Louis J. Meyers, 10 S. 8th St., is preparing to occupy the new building which he has purchased on Sansom St. above 8th St., where he will continue his silver-plating business.

James Beath, Jr., son of James W. Beath, lapidist, 129 S. 12th St., is being congratulated by the trade of this city upon the presentation to him, last week, by Mrs. Beath, of a bouncing baby.

Frank Gercke, retailer, 13th and Pine Sts., has returned home from attending the G. A. R. encampment at Minneapolis. On the homeward trip Mr. Gercke stopped off at all the principal western cities.

An explosion in the cellar caused, last week, a trifling fire at the silversmithing establishment of Davis & Galt, 730 Sansom St., of which William Linker is now proprietor. The flames were quickly extinguished by workmen.

J. B. Bechtel, of J. B. Bechtel & Co., has returned from Perkasie, Pa., where he has been spending the Summer with his family, and reoccupies his city residence. Kenneth Hoffman, of the same house, is spending a vacation at Bechtelville, Pa.

J. Warner Hutchins, 728 Sansom St., spent the entire week cruising about south Jersey coast resorts in the private yacht of a member of the Cape May Yacht Club, whose annual boat races Mr. Hutchins attended Aug. 18, and for which event he furnished the trophies.

Out-of-town retailers visiting the wholesale trade last week included: L. L. Bickings, Norristown; George Bowen, Bridgeton, N. J.; M. E. Hunter, Beverly, N. J.; A. E. Bayliss, Crystal, Pa.; M. K. L. Laudenslager, Souderton, Pa., and David H. Krause, North Wales, Pa.

A number of retail jewelers were among the 2,000 merchants who came into this city last week in four excursions conducted by the Trades League. They were from all parts of the State, bound to the Jersey coast resorts, but given stop-off privileges here with the purpose of encouraging them to place orders with wholesale houses of this city for the Fall trade.

A jewelers' wallet was recently found at the office of a prominent banker of this city, and efforts by the bank to find the owner have not resulted in success. The owner of the wallet is requested to send his name and address, together with a full description of the contents, to the office of THE CIRCULAR-WEEKLY, and if the identification is clear proof of his property the wallet will be returned to him by the bank.

Joseph J. Greenburg, manager of Castelberg's instalment jewelry house, 1111 Market St., regards himself as lucky that he did not send last week a salesman to 632 N. 16th St., which he was requested to do over the telephone. This was the house where two swindlers held out, and by telephone messages trapped dealers there, and on the pretense of either buying or selling goods assaulted, bound and gagged them and robbed them of their stock. They had 'phoned Mr. Greenburg to send a salesman with a valuable diamond ring. Fortunately he was so busy that day that he was unable to spare a man. In the meantime the thugs at the 16th St. house had robbed and beaten two clothing dealers and their scheme had been discovered, although they escaped arrest.

The date for the Jewelers' Club clambake has again been changed by action of the Board of Governors of the club last week, when Tuesday, Sept. 4, was selected instead of Wednesday, Sept. 5. Notices to this effect have been sent the members of the club. The clambake will be held as at first arranged at the Morellton Club, Torresdale. The handsome clubhouse borders on the Delaware River, and on the banks of the river the lobsters, clams and sea food will be baked on a mound of seaweed and heated stones. A special boat has been chartered to take the club members and their guests to Torresdale. An excellent band has been engaged to liven the up-river trip and the dinner. J. Warner Hutchins, William H. Long, L. P. White and William Linker are among those who are perfecting arrangements for the event.

J. W. Shafer, Caldwell, O., has moved to Idaville, Ind.

The shipments of marble to the United States in 1905 from the Carrara quarries, near Leghorn, Italy, amounted to $995,851, an increase of $53,369 over 1904.

Pearl dealers and auctioneers at Singapore are named by Consul-General Wilber, and the addresses can be obtained from the Bureau of Manufactures. There are no pearl fisheries in the vicinity of Singapore, that market being the clearing house for the sale of pearls obtained in Australian and adjacent waters.

Lancaster, Pa.

TRADE CONDITIONS.

As the business interests of Lancaster are largely concerned with Lancaster County's tobacco interests, the jewelers are naturally concerned in the condition of the tobacco crop. That of last year brought over $2,000,000 into the county, and this year's crop, now cutting, larger by several thousand acres, is expected to bring in over $2,500,000. By reason of this prospect local jewelers are predicting a lively Fall trade, in which they all expect to share.

William Pirosh is home from a vacation of two weeks at Asbury Park.

Charley Brailler and his bride are home from a wedding trip to Chicago and St. Louis.

Harry T. Kiehl, head salesman for Louis Weber & Son, is touring the county for a couple of weeks.

Lewis J. Henise, York, has taken charge of C. E. Hinkle's store at Ephrata, to give the latter a chance to have a seaside vacation.

Among the jewelers who recently visited Lancaster were Albert Heberling, Parkersburg; John Eimerbrink, Jr., York; J. W. Ridenour, Bradford; S. H. Miller, Mt. Joy.

T. Wilson Dubbs has fitted up a cosy office in the rear of his establishment, removing the old office to make way for new show cases, needed in his expanding business.

Marcus Paulson, a retired jeweler of Chicago, who began his career in Columbia, visited that place and Lancaster last week, stopping over en route to New York to see his son, a jeweler in the metropolis.

Word was received here on Friday last of the death in Charleston, S. C., of Silas Lebegern, who was formerly connected with the old Lancaster Watch Co.'s factory. He was 64 years of age. The body will be brought here for burial.

Mrs. John B. Roth, Jr., is on an extended visit to Chicago. John F. Dietler has left John B. Roth, Jr., to go to Tonopah, Nev., where he will take a position with George F. Blakeslee, by whom his brother, James Dietler, is now employed.

Ezra F. Bowman's Sons have just put a handsome plate on a case belonging to M. D. Kendig, Millersville, in which he preserves as a precious relic a cigar presented to him by Gen. Grant while he was President. G. Edw. Fleischer, head watchmaker for this firm, is visiting Niagara Falls and Canada with his wife. J. J. Bowman spent a few days in Frederick, Md., last week.

Zanesville, O.

The fire department was recently called to the store of Bauer Bros. by employes who smelled smoke coming from the basement. An investigation disclosed that this was due to to the burning of waste paper in the next store. No damage was done to the jewelry house.

James E. Curran, doing business as Curran Bros., this town, against whom a bankruptcy petition was recently filed, was adjudicated a bankrupt Aug. 17, and the first meeting of the creditors has been called and will be held in the office of Referee in Bankruptcy Harry C. Shepherd, Zanesville, Aug. 30, at 9 A. M. At this meeting creditors may attend, prove their claims, appoint a trustee and examine the bankrupt.

THE DEMAND FOR
ALL SIZES AND QUALITIES OF
MONTANA SAPPHIRES

SEEMS TO BE INCREASING WHILE THE SUPPLY OF DESIRABLE MONTANAS WILL PROBABLY FALL SHORT OF THE MARKET REQUIREMENTS THIS SEASON

WE HAVE A GOOD STOCK
OF THESE STONES, OUR OWN AND FOREICN
CUTTING

AMERICAN GEM & PEARL COMPANY
14 & 16 Church St.
NEW YORK
LONDON: 16 Holborn Viaduct
PARIS: 39 Rue de Chateaudun

FROM MINES TO MARKET

THE LYONS GEM CO.
Have Removed to
35 Maiden Lane, New York.
A FULL AND COMPLETE LINE OF PRECIOUS, SEMI-PRECIOUS AND IMITATION STONES ALWAYS IN STOCK.
WE MAKE A SPECIALTY OF
SCIENTIFIC RUBIES
Local and out of town jobs promptly attended to at reasonable prices. Send us your mountings to be set with matched stones. A trial order will convince you that our prices are right, and our goods select.

GARREAUD & GRISER
68 & 70 Nassau St., New York.
LAPIDARIES. PRECIOUS STONES
GEMS in Unique Cuttings.

OPALS
Direct from the Mexican border.
Large assortment of all kinds.
A. V. TODD,
399 N. Oregon St., El Paso, Texas.

Encyclopedia-Dictionary
and reference hand-book of the Ophthalmic Sciences.
Price, $2.50.

HOSPITAL FOR GEMS
Don't throw damaged stones away; send to us for recutting or repairs.
THE PASSMORE GEM CO., 373 Washington Street BOSTON, MASS.

DIAMONDS DIAMONDS DIAMONDS DIAMONDS
WE ARE NOW SHOWING, IN ORIGINAL LOTS, AN EXCEPTIONALLY LARGE STOCK OF
DIAMONDS
which will interest large dealers.
CYRUS PRICE & COMPANY
Importers and Cutters of Diamonds
170 Broadway, Broadway-Maiden Lane Building, New York

MEYEROWITZ BROS.,
IMPORTERS OF **DIAMONDS,** 37-39 MAIDEN LANE, NEW YORK CITY
A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
Telephone, 4577 John.


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We make over 1,700 styles of **RINGS**

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New York Office,
37 Maiden Lane.

Providence,
R. I., U. S. A.


No. 3768.


No. 2323.


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No. 1448.


No. 3438.


No. 3439.


No. 4439.


No. 3554.

Seamless Gold Shell RINGS

TRADE MARK

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LEADERS WRITE US

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Factory, ... BOWLING GREEN, O.

Salesrooms:

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St. Louis, 404 N. 4th STREET New York, 25 W. BROADWAY



WATCHWORD *for the* FALL SEASON *of* 1906 :: :: ::

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THIS IS THE SIGN OF THE TIMES :: :: ::

BIGGER BETTER BUSIER

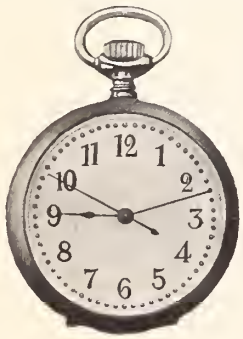
LIKE OURSELVES you are, no doubt, going to be Busier than ever this coming Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory Prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO. INC. 373 WASHINGTON ST. *BOSTON, MASS.*

BIGGER BETTER BUSIER

IMPORTERS MANUFACTURERS AND JOBBERS







Biqalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York



¶ Weekly shipments from Geneva and Paris are making our line of watches the most attractive ever shown in America. We have an extensive line of unique and exclusive designs in Ladies' Flat Enameled and Decorated Watches. Plain Ladies' Watches in all sizes. Gentlemen's Flat Watches in a vast variety of styles and grades.



SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES.

Providence.

Jewelers were prominent in the annual outing of the Elks last Friday. If you don't believe it ask George Dover, who essayed to lead Reeves' Band.

S. H. Brower is once more out carrying the grip for Edwin Lowe & Co., having recovered from the effects of an accident in which he figured some little time ago.

While on an auto tour recently Dr. G. F. Kunz, the well-known expert on precious stones, visited the Gorham works and also had a look at other prominent manufactories about the city.

An elevator in the Fitzgerald building slipped a cog one day last week, one of the valves of the car, which is of the plunger type, getting out of order and causing more or less confusion before the supply of water was shut off.

The auction of the Gorham subsidiary companies' stock, which was scheduled for Saturday, was postponed for one week, awaiting a decision of the case now pending in the New York courts and brought by the former vice-president.

The Rhode Island Society of Optometry had its annual outing and shore dinner at Boyden Heights one day last week. There was a jolly crowd on the outing, and everybody seemed to have a good time. A sail down the bay rounded out a programme of exceptional merit.

William H. Luther, who, in addition to being chairman of the Board of Police Commissioners, is also a well-known local jeweler, was recently presented with a handsome silver loving cup by the "Lid Club," so called, an organization of newspaper men, the occasion being a dinner tendered the club by Mr. Luther.

Commissioner of Industrial Statistics Webb has prepared a table showing the growth and standing of the State's industries during the past year, and it is said that jewelry manufacture shows a remarkable growth over last year. The report has not yet been printed, but will be issued within a few weeks at the most.

At a recent meeting of the creditors of Frank A. Pearce, the pen manufacturer who became somewhat embarrassed financially, recently held in the office of Referee in Bankruptcy Chester W. Barrows, it was decided to postpone the meeting to some future date in order to allow Mr. Pearce to secure some necessary data concerning certain matters involved in the case.

North Attleboro.

The foundation for the new Manufacturers' building has been started.

Charles Stanley, New York representative of the estate of O. M. Draper, was at the factory the early part of this week.

N. L. Graves, who has charge of the office of R. Blackinton & Co., has tendered his resignation, to take place in September.

Albert Totten, a retired manufacturer, has announced his candidacy for re-election to the lower branch of the Legislature. Mr. Totten has served one term.

An accident to the boiler in the Whitney building last week caused A. H. Bliss & Co., Doran, Bagnall Co., E. I. Franklin & Co. and George Robson to run in a crippled condition for several days.

Attleboro.

Willard A. Engley has made his Summer home at Chatham lately.

Charles H. Eden, of C. H. Eden & Co., has been touring Nova Scotia the last week.

Harold E. Sweet, of the R. F. Simmons Co., has been spending a vacation at Drownville, R. I.

Ernest J. Qvarnstrom, of Carter, Qvarnstrom & Remington, has been spending his vacation at Nantasket.

Charles H. Tappan, of the D. F. Briggs Co., came into possession of a valuable yearling from Thomas W. Lawson's stable last week. Mr. Lawson, who appraised the animal at $2,000, gave it to Marshfield Fair as a prize for the free-for-all, which was won by Mr. Tappan's Ben Hal.

Col. Sidney O. Bigney, of S. O. Bigney & Co., by withdrawing from the race for a place on the Governor's Council, has precipitated a strenuous stampede for the honor of succeeding him. Mr. Bigney is giving his time exclusively to his jewelry business and taking no active part in the present campaign.

The Chas. M. Robbins Co. has been successful in capturing from over 30 competitors, eight of the nine official badges which are to be used at the 24th biennial Knights of Pythias encampment the first week of October. These badges are to be used by the different bodies which are to meet at this convention, as the Supreme Lodge, Rathbone Sisters, Ladies of the Supreme Lodge, Uniform Rank, Red Cross Society, etc.

Rochester.

A letter has been received at the police station which again recalls the murder of Jeweler Bela Brown, several years ago. The letter was not signed, but the writer claimed that he had a watch which belonged to Brown and which was thrown into the river by the murderer, the writer being an eye witness to the deed. The letter also suggested that the writer knew more about the murder. The police are now investigating.

The burglar alarm in the J. C. Wilson Co.'s jewelry store, 39 Main St., E., was accidentally touched off one evening, last week, and the noise of the ringing bells attracted a small-sized crowd in front of the hallway leading to the place. A policeman from the four corners hurried to the scene, and going to the rear of the store lifted a messenger boy to the window on the second floor. The boy saw nothing of a burglar. The proprietor of the store arrived on the scene shortly after and set things right. He entered the store and found that the alarm had been accidentally set off in locking up.

E. Groux, a veteran watchmaker of Wilkes-Barre, Pa., recently sent the following unique announcement to the local papers: "On the 25th of August, 1856, we were married at the parish church, Thirsk, Yorkshire, England, by special license, by Rev. Mr. Lindley, curate. My wife's maiden name was Lydia Mankin. Any change or presents will be appreciated by both of us. Very respectfully, E. Groux."

Boston.

Mr. Perry, of the Perry-Aldrich Co., is on a business trip in New York State.

E. A. Bigelow, treasurer of the E. Howard Clock Co., is at Lake Winnipesaukee.

F. A. Tabor has taken a position in the watchmaking department of Bigelow, Kennard & Co.

M. J. Atherton, of the Jewelers' building, is at Charlottetown, P. E. I., and will be away until Sept. 1.

Frank S. Sherry, resident manager for Joseph Fahys & Co., is on a trip through the western part of the State.

E. B. Cook, treasurer of the Woodman-Cook Co., is on an outing trip to Bar Harbor and other Maine coast resorts.

E. A. Cowan, who is on a southern trip, was prostrated by the extreme heat at Atlanta, Ga., last week for a few days, but has since resumed his tour.

Charles E. Huggins and H. H. Hilton, of D. C. Percival & Co.'s jobbing house, have returned from an enjoyable yachting cruise off the New England coast.

Val. Holy, formerly in business as a watchmaker and jeweler at 49 Bromfield St., has given up his store and taken quarters with a firm in the Jewelers' building.

Edgar W. Hodgson, 56 Devonshire St., with C. A. Orcutt, has incorporated a company to carry on a jewelry business with a capital stock of $100,000. Mr. Hodgson is the president and Mr. Orcutt is treasurer of the new concern.

John Wilson, of Wilson Bros., who was a famous bicycle rider and athlete in the earlier days of cycling, is at Cottage City, where he formerly had a riding school, and taught many of the elite to ride in the more fashionable era of the wheeling sport.

Buyers in town during the week included: George W. DeMars, Lawrence; E. F. Lilley, Milford; S. K. Gurney, Brockton; Walter Peterson, Brant Rock; U. C. Smith, who was on his way to Waterville, Me., from Brockton; E. F. Welch, Westboro; J. A. Filion, Lowell; W. N. Hellenbrand, Old Town, Me.

Frank Grace, colored, who is charged with substituting imitation diamond rings for real ones in the stores of John R. Knight, 49 Hanover St., and the Thomas Long Co., 31-41 Summer St., was arrested last week by the Boston police. Grace has a criminal record, it is stated. He was identified by clerks from the jewelry establishments swindled as a man who had been in their stores and was suspected of the thefts alleged.

Carl G. Aldrich, of the Perry-Aldrich Co., is the plaintiff in a suit against Calvin B. Humphrey, Colebrook River, Conn., on account of an alleged assault by the latter upon Mr. Aldrich and his companions on an automobile ride from Winsted, where Mr. Aldrich formerly resided. The date of the encounter was May 20 last, and the defendant is charged with striking Mr. Aldrich and Mr. Moore with an ox-goad or whip, his property being attached in the sum of $5,000 for damages.

Mark Howell, Rendville, O., has purchased the Kishler building, on Main St., Zanesville, O., and it is reported he will erect a new structure on the site.

GORHAM SILVER

THE FALL WEDDING SEASON

¶ The popularity of the early Fall as a season for the fashionable wedding is markedly on the increase, and equally so is the favor accorded by people of taste and refinement to Gorham Silverware as an acceptable Wedding gift.

¶ Anticipating, therefore, the demands which will surely be made upon jewelers by the buyers of Wedding gifts the Gorham Company have prepared an unusually complete assortment of articles peculiarly appropriate for this purpose.

¶ These include the standard lines of the highest quality as well as many exclusive novelties, while the prices will be found as favorable as is consistent with the marked superiority of workmanship and the integrity of material.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

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NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY
THE JEWELERS' CIRCULAR PUB'G CO.,
11 JOHN ST. COR. BROADWAY, NEW YORK.
TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWLAR NEW YORK

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

Page.
Dr. Geo. F. Kunz's Report on Precious Stones—(Continued) 43
Ancient and Modern Nefs—(Continued)..... 44
Opal Mining in Australia..... 44
London Letter 45
Exports of Jewelry, etc., from New York.... 45
Death of Felix Thoma..... 45
Arrest of Post Office Clerk May Clear Mystery as to Thefts of Jewelry in the Mails. 47
Reported Diamond Find in Tasmania..... 47
Suspects Held for Utica Robbery..... 47
A. T. Kingsley Commits Suicide..... 47
Proceedings to Prevent Gorham Mfg. Co. Selling Stock in Affiliated Companies, Argued in New York..... 49
North Attleboro Jewelry Messenger Held Up and Robbed 49
Anchor Silver Plate Co.'s Plant Sold..... 46
Details of the Robbery of Morrill Bros..... 51
Employes Who Robbed New York Jeweler Brought Back from Denver..... 51
Career of the late Edwin Bixby..... 51
Death of Frank R. Cross..... 51
Outing of Rhode Island Optometrist..... 53
San Francisco Jewelers Robbed of Gems Worth $6,000 53
Duty on Automobile Pins Decided..... 53
The Diamond Markets..... 53
General Appraiser Advances Appraisement of Diamonds from $46,000 to $60,800..... 55
Articles of Utility Set with Gems Not Dutiable as Jewelry..... 55
Embezzlement Charge Against Alleged Diamond Salesman 55
Imports at New York..... 66
Interesting Objects at the Recent Horological Exhibition at Nuremberg, Germany—(Concluded) 89
A Unique Clock..... 91
The Watch Trade in Greece..... 91
A Rustic Clock for a Window Attraction..... 93
A New Watch for the Blind..... 93
Anatomy of the Nervous System—(Continued) 100
The Care of the Eyes of School Children—(Concluded) 101
Optical Work as a Side Line for Jewelers.... 103
Fluid Lenses 103
Brevity, the Lost Virtue..... 105
What Some Jewelers Say..... 105
Handsome Store of C. W. Erusting, San Diego, Cal. 106
Profit and Loss in Business—(Continued).... 106
The Enameling of Jewelry—(Continued).... 109
A Short History of Faience..... 111
Commercial Museum at Osaka, Japan, Invites American Exhibits 113

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

A SMALL monthly jewelry publication of Kansas City has in its August number commenced the publication of a report of the Geological Survey on precious stones, which was begun in THE CIRCULAR-WEEKLY July 18. As the report can easily be had by any newspaper from the government bureau, it was hardly necessary for this publication to copy the exact heading as well as the introduction used by this journal in presenting it to our readers. Both heading and introduction are word for word, identical with our own, except that in one line the name of the paper copying it is used instead of that of THE JEWELERS' CIRCULAR-WEEKLY. Articles original in THE CIRCULAR-WEEKLY are continually copied by jewelry journals throughout the length and breadth of the entire world, and to this we have not the slightest objection—in fact, we are pleased to see that all information which will benefit the craft is disseminated as broadly as possible. The instance mentioned above is only referred to for the sake of calling attention, in a friendly way, to the fact that the copying was unnecessary, and is apparent to every reader of the two papers. To say the least, such practices will prove poor economy to the paper in question.

"Memorandum" in Theory and in Practice.

THE questions and disputes which arise out of the so-called "memorandum" transactions continually, are agitating the trade at present to an equal, if not a greater extent than ever before, if the inquiries which continue to come to this office from time to time are any criterion of the situation. It would seem as if no matter what advice is given to members of the trade by their attorneys, commercial organizations or trade newspapers, there is always a large contingent of manufacturers and wholesalers who, by their loose practices and general carelessness, open a way to robbery and loss without leaving themselves any proper recourse under the law; and it is these people who are first to complain against the courts and the prosecuting authorities when they cannot enforce the strictest interpretation of a memorandum transaction into their agreements with delinquent customers.

There seems to be a notion prevailing in the trade to the effect that by calling a transaction a "memorandum" (no matter what the transaction may be) the owner or seller of merchandise will thereby be absolutely protected. In addition, many jewelers who know better, and understand what a memorandum transaction should be, have an idea that by simply using a proper form of agreement on their billheads they can strictly enforce this memorandum agreement whenever they like against a customer, even though they have continually broken it themselves, and let him break it in a series of transactions previous and subsequent to, the one which they wish interpreted as a memorandum. These manufacturers and jewelers forget that the word memorandum in itself means nothing, and it will be interpreted by the courts purely according to the meaning given to it in commercial life. Now in this interpretation, the *practices* of the jeweler will play as an important a part as will his intent and desire; and if, in his practices, he permits memorandum transactions to be sales, in fact, the courts will interpret them as sales, leaving to him only the recourse that any creditor will have.

Most of the confusion in the trade arises from the fact that though theoretically a memorandum transaction is what is known in law as bailment (wherein the property of one man is entrusted to another for a specific purpose), and no title passes to the second party in any way, shape or manner, in practice the essence of the contract is soon forgotten. As the second party gets no title to the property held on memorandum, he can give no title, and any misappropriation on his part is larceny and is punishable as such. Now the manufacturing or wholesale jeweler, as a rule, wishes, in his memorandum transactions, all the protection that he is afforded under pure bailment, but does not want to hedge himself or the bailee with any of the restrictions involved by bailment.

While claiming that the title to the property entrusted on memorandum remains with him absolutely, the jeweler continually permits title to be passed by the bailee to another, often permitting the bailee to settle in cash at regular intervals, as he would for ordinary sales; but, after such a series of transactions, when no settlement is forthcoming, the owner then cannot understand why he cannot enforce a charge of larceny against the bailee for having passed title when he had no right to do so, and asks why his memorandum agreement will not hold.

Within the past week this journal has

ON MEMORANDUM



CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

43 Rue de Meslay, PARIS Telephone, 2188 Cortlandt 17 Maiden Lane, NEW YORK

PEOPLE CHOOSE THE ARCH CROWN

THE MOUNTING OF ENDURING EXCELLENCE

BULLETIN

This week we are directing special attention to our two stone or twin Arch Crown Mountings. The graceful artistic lines of which always attract attention. We make them in all sizes and combinations, in 14k. and 18k., also in solid platinum and platinum lined heads.



SPECIAL

Have you given the subject of platinum tip Arch Crown Mountings careful attention? The whiteness of the platinum blends with the diamonds and does not detract from the apparent size of the stone like all gold tips.
The wearing qualities of a platinum tip, compared to gold, admit of no question.

PRESS DOWN THE TIPS WE'VE DONE THE REST

EASY TO SELL | **THE ARCH CROWN** | **EASY TO SET**

Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., N. Y.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

ARCH CROWN MFG. CO., 26 CAMP ST., NEWARK, N. J. Samples on Request

been requested in three instances to supply copies of memorandum agreements that would give absolute protection. When such an agreement was shown to one man who desired it, and the text explained, he remarked that it was not what he wanted, because while it gave him the protection that he desired, it limited the right of the parties to whom goods were entrusted to such an extent that he could not do business. It was clear from his explanation that what he wanted was not a true memorandum agreement, but an agreement which would permit him to sell goods in the regular way and use the criminal law to enforce the payment of the debts in case his customer defaulted, while in addition give him the right to recover his goods when payment was not made therefor, no matter in whose possession they might be. It is clear that the trouble with some members of the trade is that they wish "to have their cake and eat it"—that they wish to sell their goods and retain title to them in case payment is not made.

It is such practices or attempts to enforce such claims that have been responsible for the difficulties which jewelers have encountered with prosecuting officers when they wish to push charges of larceny based on proper memorandum transactions. It is such claims that have caused many juries, judges and district attorneys to look with suspicion on every memorandum transaction as an attempt to use the criminal courts for the collection of civil debts. It is not, as many think, that the memorandum agreements now used are in need of revision to give to the trade proper protection—it is the practices of many of those who use them that are in need of reformation. When this takes place, much of the present trouble will disappear.

Importations at the Port of New York.

Weeks Ended Aug. 25, 1905, *and Aug.* 24, 1906.		
China, Glass and Earthen Ware:	1905.	1906.
China	$112,539	$149,433
Earthen ware	24,469	17,436
Glass ware	26,314	46,138
Optical glass	3,204	746
Instruments:		
Musical	16,316	25,402
Optical	18,612	19,595
Philosophical	3,345	1,617
Jewelry, etc.:		
Jewelry	13,188	21,560
Precious stones	533,047	673,243
Watches	49,020	41,843
Metals, etc.:		
Bronzes	4,165	7,229
Cutlery	30,190	46,984
Dutch metal	2,366	5,397
Platina	3,679	112,076
Plated ware	774	.....
Silverware	1,809	3,151
Miscellaneous:		
Alabaster ornaments	12	297
Amber	9,498	7,982
Beads	3,676	7,276
Clocks	7,238	7,170
Fans	3,312	9,844
Fancy goods	8,617	12,400
Ivory	56,027	94,928
Ivory, manufactures of	914	1,345
Marble, manufactures of	10,079	25,431
Statuary	5,492	4,947

Wm. Allen, claiming residence in Pittsfield, Mass., and said to be an electrician, was recently incarcerated in the county jail, at that place, for selling bogus jewelry without a license.

New York Notes.

Mr. Keck, of the Herman Keck Mfg. Co., Cincinnati, O., arrived in this city Wednesday on the *Carmania* on his return from Europe.

Dr. Geo. F. Kunz, of Tiffany & Co., is on a vacation, and, accompanied by his family, has been visiting Providence, New Bedford and the Cape Cod district.

B. Konijn, of Konijn, Frank & Shire, diamond importers, accompanied by his family, arrived in this city from Europe last week on the *Lucania*.

H. S. Kramer, jobber in jewelry, watches and materials, 51 Maiden Lane, is receiving the congratulations of his friends on the advent of a daughter, who arrived last week.

One of the largest and most expensive silver table services in the country, said to cost more than $100,000, is being completed for the Knickerbocker Hotel by the Gorham Co.

A. W. Thomas, of the L. E. Waterman Co., started on Monday for West Virginia, Kentucky and Tennessee, on his Fall trip. T. C. Hanway, of the same company, started south last week.

M. Aronson, formerly at 64 and 66 John St., has formed a partnership with Edward Spiegel, and will continue in the repairing and manufacturing business under the style of Aronson & Spiegel, at 78 Nassau St.

The co-partnership which heretofore existed between Meyer and Alexander Sabsevitz, under the style of Sabsevitz Bros., 115 E. Broadway, has been dissolved. Alexander Sabsevitz will continue to transact business under the same style at the same place.

The Brooklyn Watch Chain Co., 295 Bowery, formerly owned by J. Jacoves and M. Blumen, continues doing business under the same style, but is owned now by J. Jacoves alone, who assumes all the liabilities of the former partnership, and who will collect all assets.

John A. Abel, of Abel Bros. & Co., sailed on the *Zeeland*, from Antwerp, on Saturday. Mr. Abel has been traveling through Europe for the past two months, and some of the places he visited were Idar and Glablorz, Pforzheim, Hanau, Paris, Antwerp, Amsterdam and London.

The National Association of Manufacturers has just sent out to members, in book form, a complete report of the proceedings of the 11th annual convention, held in this city May 14-16. The book contains 225 pages, and is indexed in a way that affords a ready reference to every subject covered.

The partnership under the style of Gall & Lembke, which existed between Emil L. Lembke, Charles F. Lembke and J. A. Theodore Obrig was recently dissolved by the death of Emil L. Lembke. The business at 1 W. 42d St., Manhattan, will hereafter be continued by Charles F. Lembke and J. A. T. Obrig under the old style, official notice to that effect having been published Thursday.

P. F. Egan, who has been with the Whiting Mfg. Co. for the past four years, has recently taken charge of the watch department which that concern added a short time ago. Mr. Egan, prior to coming to New York, had resided in St. Paul, Minn., for about 17 years, the latter part of which time he was engaged in business on his own account in that city as successor to D. C. Greenleaf.

W. F. Chambers, New York representative of P. & A. Linton, returned last week from his western trip, and gives a glowing account of the prosperity manifest in the territory which he has just covered. The jobbers are all doing well, and their reports from retailers show business to be in the most healthy condition, with the prospects of the Fall brighter than they have been in many years.

The many friends in New York of Joseph W. Beacham, head of the credit department of the International Silver Co. at Meriden, Conn., and formerly for many years of the New York office of Rogers & Bro., are congratulating him on his marriage to Miss Emily F. Sanderson, which took place in this city, Aug. 18, in the chantry of Grace Church. Mr. and Mrs. Beacham will be at home to their friends at their residence in Meriden, Conn., Sept. 15.

Work on the addition to the Maiden Lane side of the Fahys building has been progressing very rapidly of late, and it is expected that the building may be complete in October or November. When the new addition is ready for occupancy it is believed that the concerns controlled by Mr. Fahys, Joseph Fahys & Co., Fahys Watch Case Co., Brooklyn Watch Case Co. and the Alvin Mfg. Co., will occupy the first five floors of the part of the building which fronts on Maiden Lane.

The 24-Karat Club will hold its annual outing Sept. 8. About 200 members and friends have signified their intention to participate in the festivities, which will be held at Port-au-Peck, N. J. The club will leave on the Sandy Hook boat at 10 A. M. The music to and at the outing grounds will be furnished by Voss' First Regiment Band, of Newark. The programme includes a series of athletic events, for which many handsome prizes are to be awarded to the successful competitors. Four cups will also be presented at the games, one of which was furnished by the president of the club and another by the club proper. After this part of the programme has been carried out all may partake of the clambake.

It was reported last week that an employe of John Wiener, diamond cutter of 37 John St., had been held up and robbed of $1,000 in cash on the morning of Saturday, Aug. 18, while returning from the Fulton Market Bank. Mr. Wiener sent his employe, who is about 70 years old, to the bank to cash a check for $1,000. The old man, it is said, received seven $100 bills and the remaining $300 in smaller change. As he entered the hall of 37 John St. on his return from the bank he was confronted by two men, who forced him between themselves. The old man tried to make an outcry, but was immediately choked into silence and his pockets were rifled. The men made away with all the money, and nothing has as yet been heard of them.

Sam. Hochhaus, 71 Nassau St., who recently started as a diamond importer, returned last week on the *Vaterland*, after making a hurried trip to Antwerp to see his family. In speaking of the diamond market Mr. Hochhaus said that he had never seen prices higher or stones harder to get, and that while large mêlée was obtainable the smaller sizes were exceedingly scarce and commercial stones up to four grains were unusually high in price. The cutters of Antwerp, he said, are complaining of the depreciation in the value of the assortment in the series known by the Syndicate; for instance, where in the old days there would be 20 per cent. of the series poor quality, to-day not more than 20 per cent. would be of good quality, and the assortments are growing worse as time goes on. This, the cutters claim, produces an advance in price of rough that is not computed by those who simply figure on the formal raises announced by the syndicate from time to time.

Louis D. Folkhart, a diamond merchant, 14 John St., New York, appeared against Jules R. Gimbernat last week before Judge Breen of the Tombs Police Court, New York, and charged him with stealing a diamond ring valued at $100. Gimbernat was held for trial, and furnished $500 bail to appear in a higher court on the charge of grand larceny. Gimbernat, who lives in E. 27th St., Manhattan, and who says that he is a Broad St. broker, met Mr. Folkhart last January. Mr. Folkhart claims that at that time Gimbernat said that he had a customer for a three-stone diamond ring such as Mr. Folkhart had then on his finger. The jeweler claims that he let Gimbernat have the ring on memorandum on the latter's promise that he would dispose of it by 3 o'clock on that afternoon and return the proceeds. Ever since then, Mr. Folkhart says, he has been waiting, and no money was paid to him. Instead, he received a note from Gimbernat saying that he had lost the ring. Two weeks ago Mr. Folkhart caused the arrest of Gimbernat after having waited for the money about seven months. In court Gimbernat's lawyer told the judge that the ring was lost while Gimbernat attended a dinner at the Savoy Hotel.

Jewelers in the vicinity of New York are warned by the police to be careful in dealing with a man said to be Horace E. Wilson, of Minneapolis, but who has also been operating under the names of John Mack and H. E. Russell. This man, the police claim, makes a specialty of attempting to get articles from jewelers, in payment of which he gives checks which cannot always be collected. According to Central Office Detective Sergeants Nugent and McGinnis, who notified THE CIRCULAR-WEEKLY of his operations, this man recently called at an uptown jewelry store to buy some articles and offered in payment a check on a bank where he said he had just opened an account. Inquiry at the bank disclosed the fact that this was true, but when the check was presented it was not paid for the reason that the bank claimed the man had opened an account with a check on a Minneapolis bank which was worthless. Wilson, or "Mack," or "Russell," is described as about 58 years old, five feet 10 inches high, and weighs about 170 pounds; he has a smooth face, brown eyes, fair complexion, but gray hair; his shoulders are square but stooping, and the index finger of his left hand is missing.

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET. NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852

81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

The Officers and Directors of

THE MERCANTILE NATIONAL BANK

of the City of New York announce the removal of their banking rooms to their new quarters in the Western Union Building, 195 Broadway, corner of Dey Street, and invite your inspection of their equipment



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854. **INCORPORATED 1893.**

JUERGENS & ANDERSEN CO,
DIAMONDS,
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.

Cutters of

DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL **PHILIP NOEL**

RUDOLPH NOEL & CO.

IMPORTERS OF

DIAMONDS

2 Tulp Straat, AMSTERDAM **'Phone 1902 John** **37-39 Malden Lane, NEW YORK**



WESTERN DEPARTMENT

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago.

Vol. LIII. CHICAGO, WEDNESDAY, AUGUST 29, 1906. No. 4.

Chicago Notes.

F. R. Sheridan left for the Pacific Coast last Saturday.

Ralph Dreyfus, of the Dreyfus Mfg. Co., New York, was here last week.

Will Juergens, of the Juergens & Andersen Co., is back from his vacation.

Neils A. Smith, 591 N. California Ave., has been succeeded by P. W. Stuhr.

W. A. Fay, with the Jno. T. Mauran Mfg. Co., is on a trip to St. Louis and Kansas City.

Harry Halvorsen, with J. Johnson & Co., has returned from a vacation at Muskegon, Mich.

H. G. Rettig, of Rettig, Hess & Madsen, has just returned from a two weeks' outing at Green Bay, Wis.

Ferdinand Piper, St. Germain, Cuba, spent some time in Chicago during the past week selecting stock.

Members of a new optical firm at Indianapolis, Staples & Mosaias, recently selected their stock in this city.

Wm. Robinson, of the Robinson Mfg. Co, Fulton, Ky., was in this city during the past week visiting the trade.

E. H. Mead, of the Mermod, Jaccard & King Jewelry Co., St. Louis, was in this city recently, visiting the trade.

Will H. Smith, manager of the watch department of Lewy Bros., is taking a much needed rest at Lake Como, Wis

Bert Ochiltree, Clarksville, Ia., stopped over here last week, on his way to visit his brother, M. Ochiltree, a jeweler of Iron River, Mich.

George B. Moore, jewelry buyer for Loftis Bros. & Co., has severed his connection with that house. He is succeeded by E. S. Millar.

G. W. Zink, Roswell, N. Mex., is taking a fishing trip among the northern lakes, only stopping here long enough to select his Fall stock.

Holsman & Alter have added 2,500 square feet to their present premises. This firm now occupies a total floor space of 7,500 square feet.

T. J. Howes, Louisville, Ky., with his son, stopped here for a few days last week. They will sojourn for a few weeks in northern Michigan.

W. J. Miller, manager of the Chicago office of the Seth Thomas Clock Co., is spending a few weeks at Onekama, Wis., with his family.

J. R. Mercer, Kansas City, Mo., accompanied by Mrs. Mercer, last week left from this point for a lake trip on the steamer *Northland* to Buffalo and return.

Edmund John, from the New York office of the Mauser Mfg. Co., is here looking after the Chicago trade in place of Geo. H. Thomas, who recently resigned as local traveler.

P. C. Corrigan and wife, O'Neill, Nebr., stopped over here on their way from Providence and eastern points. They will spend some time in northern Michigan before returning home.

Leo Stein, with the Stein & Ellbogen Co., has returned from camp at Springfield, and is taking a vacation at Petoskey, Mich. Mr. Stein is a member of the 1st Regiment of Cavalry, I. N. G.

Morris & Sexton, in the Champlain building, in addition to their jewelry business, are representing the line of cut glass made by Johnsen, Carlsen & Co. R. Morris will soon take the line on the road.

A. J. Hall, Compton, Ill., has been buying a stock of goods preparatory to starting in business at that place. Mr. Hall has just returned from studying the various phases of the jewelry business at Minneapolis.

Louis C. Krueger has returned from a five months' trip to the coast. P. L. Gordon, formerly in the retail jewelry business at Fairfield, Ia., has been engaged by Mr. Krueger to represent him in the middle west.

John C. Mullally, Indianapolis, accompanied by his wife, stopped over here a few days last week, on his way home from Milwaukee, where he went as one of the delegates to the convention of Eagles held in that city.

Paul Anderson, with Cothrain & Hunt, Covington, Tenn.; Charles Frank Dyer, Caro, Mich.; L. W. Parish and wife, and N. Nelson, of Chicago, all visited the factory of the Elgin National Watch Co. at Elgin last week.

Oscar W. Johnsen and John P. Carlsen have formed a copartnership under the name of Johnsen, Carlsen & Co., 81 Illinois Ave., and are making a line of cut glass. Both gentlemen were formerly with F. X. Parsche & Son.

Sam Barnett, who formerly made his headquarters at 142 W. Madison St., has opened a diamond office in the Chicago Savings Bank building. The firm name is Barnett Bros., George Barnett, of New York, being the other partner.

John Harris was arrested here recently on information furnished by a detective of Jackson, Mich., who declared that Harris robbed several jewelry stores at Jackson. When the police searched him they found $200 worth of diamond rings in his possession. He was taken back to Jackson.

O. A. Hesla, who has been manager of the store of Geo. H. Cook, at Phoenix, Ariz., has bought out Mr. Cook and will continue the business at that place. G. H. Cook will confine his attention to his store at Prescott. Mr. Hesla was in this city during the past week selecting a fine lot of goods for his Fall trade.

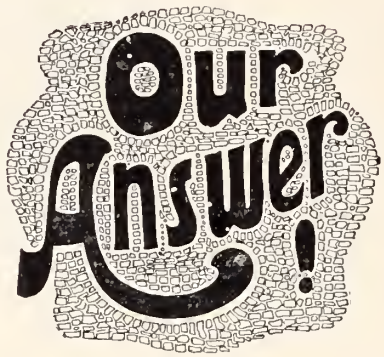
Paul W. Serwich, of the traveling force of the Chicago office of Wm. A. Rogers, Ltd., has just returned from Lauderdale Lake, Wis., where he has been spending a vacation. John J. Decker, of the same office, and who has been laid up with a broken leg for some time, is now able to be back at his work by the use of crutches.

Wm. R. Uhlemann, optician in the Chicago Savings Bank building, has returned from his wedding trip, which included a visit to all the western cities and an extended trip through the Yellowstone National Park. Mr. Uhlemann married Miss Laura Moe. Both Mr. and Mrs. Uhlemann are enthusiastic amateur photographers, and took over 250 photographs on their trip.

Harry M. Stevenson, Escanaba, Mich., has sold his store to the H. M. Stevenson Co., a corporation headed by M. Berry, of Buffalo, N. Y. Mr. Berry, with Mrs. Berry, was in Chicago last week buying some new stock, after which they departed for their new home at Escanaba. Mr. Stevenson, who has considerable lumber interests, will now devote his entire time to that business.

Chief of Police Collins has suspended Inspector Patrick J. Lavin from the police force of Chicago. One charge against Lavin is that he deliberately instigated the robbery of the jewelry store of Bernard J. Hagamann, 5454 Wentworth Ave., on Aug. 24, 1901, for the purpose of "capturing" the burglars, and thus help promotion. The other charge is that he withheld two diamonds from George Wilkinson, who was

To Jobbers Only.



To those who know is

"Look and be convinced"

we make

Diamond Mounted Jewelry

and

Diamond Mountings

that sell.



convicted of robbing the hardware store and pawnshop of Weber Bros. on Clark St.

Aside from those otherwise mentioned, the following buyers have been in Chicago during the past week: I. F. Varney, Wichita, Kans.; Mr. Rafferty, of Rafferty, Arneson Co., Howard, S. Dak.; C. A. Clement, Springfield, Mo.; Miss Beck, of the John Beck Estate, Michigan City, Ind.; Alexander Lischkoff, Pensacola, Fla.; W. F. Kirkpatrick, St. Joseph, Mo.; Claud M. Wheeler, of Henninger & Wheeler, Columbia, Mo.; W. A. Sheaffer, Fort Madison, Ia.; G. Scherzinger, Fond du Lac, Wis.; W. H. Habbeler, Sheffield, Ala.; W. P. Waters, Sheridan, Wyo.; F. W. Alley, New Madrid, Mo.; Arthur H. Grange, Toulon, Ill.; C. W. Hesse, of Hesse & Sturges, Boise, Idaho; Mr. Gray, of Gray & Kamber, Kansas City, Mo.; Mr. Lewis, of Lewis & Van Sickle, Oskaloosa, Ia.; Claud M. Wheeler, Columbia, Mo.; John P. Mullally, Indianapolis, Ind.; I. F. Varney, Wichita, Kans., on his way to New York.

Minneapolis and St. Paul.

Marius Christiansen has resigned his position as watchmaker for Simon Nelsen, St. Paul.

P. M. Kohl, of Johantgen & Kohl, Minneapolis, is the happy father of a bright little daughter, born recently.

C. F. E. Peterson, a former South Minneapolis jeweler, has filed his application as a candidate for nominee for the park board.

Axel Madsen, Minneapolis, has gone to Duluth for relief from hay fever, and may conclude to proceed by boat to Isle Royale, if he does not get cured in Duluth.

The R. G. Winter Jewelry Co., Minneapolis, had a plate glass window broken the day of the G. A. R. parade. Mr. Winter is inclined to lay it to the concussion resulting from discharging a small cannon from time to time.

Out-of-town jewelers here last week included: M. E. Williams, formerly of Eden Valley, Minn., but now of New Rockford, N. Dak.; Messrs. Malkery and White, De Smet, S. Dak.; a representative of F. W. Dingley & Co., Algona, Ia.; K. K. Lee, Fosston, Minn.; W. G. Frederick, Sioux Falls, S. Dak.; John M. Holm, Roseau, Minn.; E. S. Houghton, Brainerd, Minn.; Chas. Krueger, Paynesville, Minn

Pacific Northwest.

H. H. Belding, Sea Side, Ore., was a recent visitor in Portland, Ore.

R. O. Blair, arrested in Seattle, Wash., last week, by Chief of Police Wappenstein, is believed to be wanted in New York for participation in one of the biggest diamond robberies recently committed. One of the thieves is under arrest in Denver, and is said to have confessed. The man held in Seattle admits knowing him, but refuses to give any details. The man held in Denver told the police of that city that he had disposed of several of the stolen diamonds to Blair, and an investigation by the Denver officials led them to believe that Blair had started for Seattle. Blair was found at a race track. He had $500 in his possession when searched, and says that he is a grocer.

Kansas City.

C. A. Kiger has just returned from a short buying trip to the east.

Paul Margolis, of Margolis & Metzger, has gone east on a buying trip.

Morris Brown, with Kionka & Kionka, has just returned from his Summer vacation.

R. D. Rowe, M.D., Leroy, Kans., has just enrolled as a pupil of the Southwestern Optical College.

C. P. Kionka, of Kionka & Kionka, left last week for an extensive business trip through the south.

C. A. Clement, Springfield, Mo., stopped off in Kansas City last week, on his way home from the east.

Jake Levin, traveler for Kionka & Kionka, who came in off the road last week, has been ill for several days.

C. C. Hoefer, of the Woodstock-Hoefer Watch & Jewelry Co., has returned from a two weeks' trip to Wisconsin.

Lute Potts and Harry Clark, two of the travelers of C. A. Kiger, were in this city last week, refilling their trunks.

The Jaccard Jewelry Corporation began to move into its new quarters at 1017 and 1019 Walnut St., Monday of last week.

O. D. Fosburgh, formerly in business in St. Joseph, Mo., is now in the employ of the Meyer Jewelry Co., as watchmaker.

Wm. Walsh, with the Meyer Jewelry Co., suffered a severe accident recently, which incapacitated him for a few days, his hand having been crushed by a street car door.

James Potts, who has been on the road for the Edwards & Sloane Jewelry Co. for several months, has decided to give up that line and again take up the work of jewelry auctioneer.

C. L. Carter, who has just engaged in the jewelry business in Granby, Mo., bought a good part of his opening stock in this city. He has been a professional baseball pitcher for the past six years.

Miss Percy Montgomery, daughter of H. S. Montgomery, the Santa Fe watch inspector, of Topeka, Kans., was married in this city, last week, to William M. Laughlin, chief clerk for Mr. Montgomery.

Garrett Owen, who has been for several weeks watchmaker for Clem. B. Altman, and who, prior to that time, had been with Gurney & Ware, has taken a similar position with the Jaccard Jewelry Corporation.

Dr. S. W. Lane, president of the Southwestern Optical College, and Mrs. Lane, have just returned from their eastern trip, which started with their attendance at the convention of the A. A. O. The college will be opened Sept. 1.

C. E. Dickinson, Garden City, Kans., was here last week, and states that he is now very busy erecting a new jewelry store in his town, which will be equipped not only with the latest store furniture but also with a private electric light plant, which will have a capacity of 100 lights, and will be used to operate electric fans during the daylight.

The following out-of-town jewelers were in this city last week: Ernest B. Hall, Springfield, Mo.; H. L. Fisher, Hubbard, Ia.; S. F. Miller, Tonkawa, Okla.; W. H. Meyer, Lawson, Mo.; H. E. Tucker, Higginsville, Mo.; J. Coffman, Salisbury, Mo.; J. N. Hole, DeWitt, Nebr.; W. C. Wolfe, Chandler, Okla.; G. B. Brown, Hill City, Kans.; J. O. Van Voorhies, Osawatomie, Kans.; C. E. Dickinson, Garden City, Kans.

Omaha.

G. S. Catchadal, Superior, Nebr., has sold out to J. C. Hunt.

Sol. Bergman is back from a business trip to the Black Hills.

Mr. Brown, Hannibal, Mo., is at present visiting friends in this city.

Peter E. Flodman has returned from a fishing trip in the lakes of Minnesota.

Henry Holmes, with Fred Brodegaard & Co., is back from Chicago and Milwaukee.

Miss Lillian Maxhams, with the Mawhinney & Ryan Co., will be married, Sept. 1, to G. Tomlinson.

J. L. Jacobson and P. E. Flodman were delegates to the Republican convention at Lincoln, Nebr., last week.

Douglas Melcher, watchmaker for Henry Copley, has gone to Denver and other points in Colorado for two weeks.

Miss Alda Rector, with the Sol. Bergman Jewelry Co., has returned from a trip through the Rocky Mountains.

G. W. Williams, manager for the jewelry department of the Bennett Co., has just returned from a business trip to New York.

The wife of Sol. Levinson, Deadwood, S. Dak., accompanied by her son, is the guest of Mr. and Mrs. Sol. Bergman, of this city.

C. L. Shook has returned from a visit to Canton, O. He was accompanied home by his niece, Miss Pearl Coleman, who will be the guest of Mr. and Mrs. Shook for some time.

Out-of-town buyers in this city last week were: K. C. Koons, Beatrice; M. L. Jones, Fairfield; Jno. Crabill, Plattsmouth; M. Tritsch, Louisville; Mrs. A. D. Clinton, North Platte; W. C. Peterson, Elkhorn, Ia.; S. E. Thomas, Tabor, Ia.; L. S. Robinson, Glenwood, Ia., and Henry Holtzinger, Pleasanton.

Jack Jennings, sentenced from Douglas county to spend five years in the penitentiary for diamond robbery, and Angus Martin, who was given a seven-year term on the same charge, have taken an appeal to the supreme court. Jennings is known under the alias of "Kid" Clark. The two men went into M. D. Frank's store in this city, asked to look at some rings, and while doing so detached a stone from one of them, inserting an imitation in its place. The jeweler detected the fraud and went after the pair. One of them fired a shot, which went wild. Frank, with the help of others who joined in the chase, finally captured the thieves.

E. H. Wetherhold, Allentown, Pa., recently moved into his new building at 723 Hamilton St.

The retail jewelry store of S. Krasne, Fremont, Nebr., was broken into on Monday morning of last week, and 10 watches and a small amount of jewelry were stolen. Entrance to the store was gained through a rear window, which was forced open by means of an iron bar. Mr. Krasne's loss amounts to about $200.

St. Louis.

Charles F. Miller, Cairo, Ill., is making extensive improvements in his store.

W. R. Haselwood, Bardwell, Ky., spent part of his vacation in this city last week.

Charles A. Wilms, a veteran watchmaker in the Holland building, is critically ill at his home, 3419 Henrietta St.

Miss Adaline Kolde, cashier for the Brooks Jewelry & Optical Co., is away from her desk on a short vacation.

M. L. Shannon, Pontotoc, Miss., was in this city last week, buying fixtures and stock for his store, which is being refurnished.

G. Anderson has moved into his new store at Taylorville, Ill., and now has one of the prettiest estates in southern Illinois.

Mark Eiseman, of the L. Bauman Jewelry Co., was at his headquarters at Birmingham for a few days last week, being slightly indisposed.

J. E. Mann, Marianna, Ark., last week passed through this city with his wife on the way to Manitou, Colo. The trip is being made for the benefit of Mrs. Mann's health.

Incorporation papers for the Jewelry Jobbers' Association of Missouri have been drawn up by an attorney, and will be taken up in the Circuit Court as soon as it convenes.

D. P. Richards, of the Maschmeyer-Richards Silver Co., has returned from a trip through Iowa, Missouri and Kansas. He will remain in this city for the remainder of the season to assist in looking after the local trade.

F. J. Bross, of the L. Bauman Jewelry Co., who has just returned from a trip through southwest Illinois, reports unusual prosperity in that section on account of the operations in oil.

The entertainment to be given at Forest Park Highlands by the Retail Jewelers' Association of Missouri promises to be a most enjoyable event. The entertainment committee, of which Geo. Eckhardt is chairman, has advised the members of the association that the programme for Jewelers' Night has been arranged. A first-class show will be presented in the theatre, and every holder of a reserved seat will be entitled to take part in the grand prize drawing.

St. Louis is filled with visiting merchants just now, on account of the excursions conducted by the Interstate Merchants' Association. Among the jewelers who recently transacted business here were: Ed. Davidson, of Davidson & Wardlaw, Oxford, Miss.; Lon. Williams, Wichita, Kans.; C. B. Cook, West Point, Miss.; Louis De Rousse, Waterloo, Ill.; J. M. Earp, Lamar, Mo.; E. P. Mathews, Baldinger, Miss.; A. P. Taliaferro, Bunkie, La.; W. C. Wolfe, Chandler, Okla.; G. H. Schmidt, Boonville, Mo.; J. A. Zimmerman, Warrensburg, Mo.; Dietrich Tiedemann, New Athens, Ill.

The business of the late Alex. F. Snyder, Victor, Colo., has been sold to J. W. Phillips.

Ira Houck, a 14-year-old boy, was taken into custody a short time ago, and subsequently committed to the House of Detention in Norristown, Pa., to await trial in the Juvenile Court, on a charge of stealing two watches from the jewelry store of Brandt & Cressmann, Sumneytown, Pa.

We invite out-of-town buyers to see our line of BRACELETS

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and all the modern stones

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DIAMONDS

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A NEW MOVEMENT

THE O-SIZE 7 JEWELED PENDANT SETTING



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FOR SALE THROUGH THE JOBBING TRADE

TAVANNES WATCH COMPANY

2 & 4 Maiden Lane, New York

San Francisco.

C. Gernett, formerly at 2132 Fillmore St., now occupies a new store at 2602 Steiner St.

J. S. Dinkelspiel, dealer in diamonds and precious stones, has secured quarters at 102L Van Ness Ave.

S. H. Collins is located at 2540 Sacramento St., and is carrying a complete stock of jewelry and diamonds.

A. Behrend, who formerly conducted a store on Market St., is now in business on Steiner St., near Ellis.

The many recent robberies in this city have placed the jewelers on the alert, and an unusual amount of protection is now employed.

William Scheppler & Son, who formerly conducted a jewelry store at 1671 Market St., are now permanently located at 2394 Mission St.

Sparks & Schuck, watchmakers and jewelers, have secured a location at 2073 Mission St., and, although in the burned district, report a good trade.

P. H. Rinn, a working jeweler in the employ of Radke & Co., at the Van Ness Ave. store, dropped dead in the shop there last week from a stroke of apoplexy.

Mrs. E. Gesler, a jeweler on Van Ness Ave., identified as her own three watches and two minor articles of jewelry which the police found on the person of Al. Johnson when he was arrested recently for theft in R. E. Miller's jewelry store in Berkeley, Cal. She visited Johnson in the county jail at Oakland, but failed to identify him.

The Bohm-Bristol Co. announced a short time ago that its store at Van Ness Ave. and California St. would be open Aug. 20, but owing to the difficulty of securing builders and decorators it was unable to do so. The establishment, however, will be opened in a very few days. The large safes have been installed and most of the show cases and shelving and large quantities of stock are arriving daily.

Work on Shreve & Co.'s new store at Van Ness Ave. and California St. is progressing rapidly, and the opening day will soon be announced. Upon the completion of the building the rear of it will be used by the manufacturing department, and machinery is now being installed. The factory now in operation at 1818 California St. will then be abandoned or used for storage purposes. Every precaution is being taken to prevent the vibrations of machinery in the new shop from reaching the store in front. Shreve & Co. have turned out a number of cups and trophies since the fire, some recent work being cups for the automobile races at Del Monte, early this month.

Pacific Coast Notes.

A. H. Witman, Pomona, Cal., is now located in the J. A. Gallup building, northeast corner of Main and 2d Sts.

B. Hartfield, Anaheim, Cal., will move Sept. 1 into the building on Center St. formerly occupied by Hussman Bros.

J. Rufener, San Pedro, Cal., has purchased the ice cream and lunch parlors owned by J. McGee, on 15th St., between Front and Beacon Sts. Mr. Rufener will move his jewelry store to the new location.

The New Pedrara Onyx Co., San Diego, Cal., has entered a protest against the payment of what it deems excessive duty. Under the present ruling of the department the importers pay $1.50 per cubic foot, and the company believes onyx should come in under a lower rating. The protest is made for the purpose of taking the matter up with the department and then with the courts, in order to get a definite decision on the dispute.

Detroit.

The Mancha Show Case Co., of this city, on Wednesday made an assignment to A. B. Hall. Liabilities are placed at $37,521.92; assets, $45,350. The firm started in business about four years ago, Mr. Mancha coming from Grand Rapids.

Frank Hanley was arrested at Cleveland last week on the charge of robbing the store of R. J. F. Roehm & Co., of this city, of $300 worth of scarf pins, lockets, brooches, etc. The loot was taken from the show window, but from the inside of the store. Entrance was made by a rear transom. The front curtain fell down and scared away the intruder. The Jewelers' Security Alliance offered a reward of $100 for the capture of the robbers.

Articles of association for the incorporation of R. J. F. Roehm & Co., 184-186 Woodward Ave., were filed last week. The firm name was formerly Roehm & Son, Edward R. Roehm recently going into the business of manufacturing fraternity badges at 16 John R. St. The company is incorporated for $30,000, R. J. F. Roehm holding 1,849 of the 2,150 shares. The other stockholders are: May Iola Roehm, Sylvester A. Audretsch, Jas. V. Varley, Chas. R. Miller and Adolph Sloman. R. J. F. Roehm has been in the jewelry business here continuously for over 50 years.

Columbus, O.

Frank L. Young, Mt. Vernon, was a visitor in Columbus last week.

Warren R. Bancroft, of the Bancroft Bros. Co., has returned from a three weeks' vacation trip.

Nathan Gumble, trustee in bankruptcy of W. L. Johnson, formerly at E. Gay St., recently notified the creditors that the payment of a final dividend of 5.25 per cent., this making a total dividend of 25.24 per cent. on the claims proven against the estate, which amount to $3,108.67. Mr. Johnson filed a petition in bankruptcy last January.

George W. Luce, an aged jeweler, was committed to the State Hospital for the Insane at Columbus, Friday, suffering from hallucinations due to his advanced years. A coincidence was noted in the fact that Mr. Luce once owned the store at High and Broad Sts., which was once owned by Frank R. Cross, who died the day before Mr. Luce was adjudged insane. Mr. Cross bought it from the men who purchased it from Mr. Luce. Mr. Luce afterward opened a small store on E. Main St., which he conducted until he was adjudged insane several years ago.

Cincinnati.

J. C. Miller, of the Miller Jewelry Co., is calling on the trade in Indiana.

"Joe" Phillips, with the Sterling Glass Co., has returned from an eastern trip.

Chas. Lucius, with the Frank Herschede Co., has returned from the eastern Summer resorts.

Miss Lindenstruth, daughter of Peter Lindenstruth, Pensacola, Fla., is in the city on a vacation.

E. B. Jacobs, of D. Jacobs Co., is spending several weeks at Atlantic City, New York and Canada.

Edward J. Morris, with the Loring Andrews Co., left the first of the week on his regular eastern trip.

A. Axman expects to open a new jewelry store at Middletown, O. He was formerly located at Franklin, O.

G. W. Ott, B. J. Jones and A. W. Burt, with the Richter & Phillips Co., left last week on their regular southern and western trips.

Fred Goosman, Somerville, Tenn., and his son, Geo. Goosman, Bells, Tenn., are in the city visiting relatives, and also purchasing stock for the Winter trade.

The Frank Herschede Co. has on display in its windows the prizes to be given by the Ohio Tennis Association, the tennis tournament which will be held Sept. 1-8.

J. E. Holland, of the John Holland Gold Pen Co., is in New York at the Harvard Club, and is making arrangements for his successor in charge of the New York office.

Henry Hahn, who formerly had the jewelry store in the Arcade, now a member of Hahn & Oppenheimer, has returned from a long vacation from the lakes in Wisconsin.

Mr. Frankenstein, the Arcade jeweler, has been placed in a private sanitarium. He appears to be mentally unbalanced, but it is thought that rest and quiet will soon restore him to health.

E. J. Fox, of Lindenberg & Fox, has returned from camp with the Ohio National Guards, while C. B. Goldsmith, with the same firm, returned from an extended trip through the west.

Simon Sommers, a member of Lindenberg, Strauss & Co., celebrates his golden wedding anniversary Sept. 2, at which time he expects to gather around him all of his children, grandchildren and great grandchildren.

Henry Peck, with Wallenstein, Mayer & Co., leaves this week on his first vacation in 22 years, to visit his daughter at Sandusky, O. Elmer Wallenstein, of the same firm, will leave on his regular business trip south this week.

Out-of-town dealers who replenished their stock here during the past week included: W. Beckenstein, Montgomery, W. Va.; John B. Hesselbrock, Liberty, Ind.; Fred Goosman, Sommerville, Tenn.; J. C. Meyer, Harrison, O.; O. M. Roseboom, Franklin, O.; L. A. King, Hawkinsville, Ga.; Geo. Goosman, Bells, Tenn.

The Hattiesburg Jewelry Co., Hattiesburg, Miss., has filed an application for a charter. The concern proposes to conduct a wholesale and retail business. The principal stock holder is A. M. Cook.

A Few Remarks

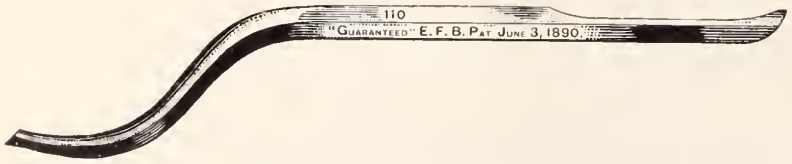
The well-informed mechanic purchases at about the same price as others pay for a cheap and worthless substitute. To become the leader, "to come into" universal demand and to be everywhere considered the BEST OF ITS CLASS, an article must of necessity be capable of satisfying the most careful buyer, yet dealers who are not content with reasonable profit and wish to increase their gain at the expense of the confiding, are constantly offering imitations of such articles that have stepped into the forward ranks of the world's commerce. The imitator always copies the appearance, but avoids reproducing the qualities which commend the original to public favor.



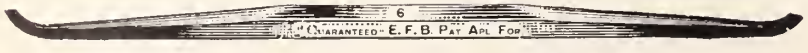
They generally contrive to make some change in the name or form of an article, so slight that it may deceive a customer, and this is most flagrantly and boldly done in imitating the

E. F. B. Gravers

To offer an imitation to the well-informed is an affront always resented by a transfer of patronage to an establishment where such deception is not practised, and as the only way to



prevent being imposed upon is TO KNOW the imitation from the genuine, we call your attention to the marks and names stamped on each Graver and Handle.



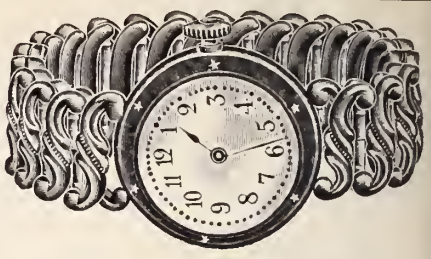
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INDEX TO ADVERTISEMENTS.

Alkiu-Lambert Co. 117
Allsopp & Allsopp 33
Alvin Mfg. Co. .....Inside front cover
American Gem & Pearl Co. 60
American Platinum Works 108
American Ring Co. 38
American Silver Co. 21
Apollo Silver Co. 115
Arch Crown Mfg. Co. 66
Arnstein Bros. & Co. ...50, Outside back cover
Austin, John, & Son .....Outside back cover
Aztec Turquoise Co. 58
Bagg, Perine & Co. 56
Ball, Webb C., Watch Co. 70
Baschkopf, Jacob 48
Bassett Jewelry Co. 40
Bates & Bacon 26
Berge, J. & H. 108
Bigalke & Eckert Co. 62
Bigney, S. O., & Co. 4
Billings, Chester, & Son 52
Bing, Ferdinand, & Co.'s Successors 110
Bishop, R. W. 40
Blackinton, R., & Co. 18
Blackintou, W. & S., Co. 20
Blancard & Co. 108
Borrelli & Vitelli 28
Bowden, J. B., & Co. 29
Bradley Polytechnic Institute 118
Brower, Maurice 52
Bruhl Bros. & Henius Co. .Outside back cover
Bryant, M. B., & Co. 29
Buckley, Samuel, & Co. 31
Bunde & Upmeyer Co. 50
California Jewelry Co. 77
Carrington & Co. 30
Carter, Howe & Co. 31
Chatham National Bank 68
Chopard Frères 25
Cohen, Jules E. 58
Conley & Straight 116
Cooper Diamond Co. 52
Cottle, S., Co. 32
Crohn, M. 34
Cross & Beguelin 41, 66
Crouch & Fitzgerald 35
Day, Clark & Co. 33
Deacon, Louis J. 38
Depasse Mfg. Co. 30
De Selms Watch School 104
Diamond Point Pen Co. 117
Didisheim, Hipp., & Bro. 96
Donnelly, J. J. 108
Doran, Bagnall & Co. 40
Dorflinger, C., & Sons 112
Dubois Watch Case Co. 104
Dulk, Robert 30
Dunbar, Leach, Garner Co. 116
Durand & Co. 30
Eden, C. H., Co. 119
Eichberg & Co. 58
Elgin National Watch Co. 90
Eliassof Bros. & Co. 104
E. P. H. Chain Catch 34
Fahys, Joseph, & Co. 1
Fairchild & Co. 118
Favre-Jacot, Georges, & Co. 97
Feeley, W. J., Co. 38
Follmer, Clogg & Co. 25
Forman Co. 114
Forsinger, J. W. 97
Foster, Theodore W., & Bro. Co. 42
Freund, Henry, & Bro. 33
Friedlander, R., L. & M. ...Outside back cover
Garreaud & Griser 60
Gesswein, F. W., Co 108
Goldsmith, C. P., & Co. 74
Goodfriend Bros. 54
Gorham Co. 64
Gougelman, Paul 117
Griffoul, August 108
Gruen, D., Sons & Co. 24
Guardian Trust Co. 68
Hagstoz, T. B., Ltd. 116
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 76
Hanson & Van Winkle Co. 80
Harris & Harrington .....Outside back cover
Hedges, A. J., & Co. 30
Hedges, Wm. S., & Co. 54
Heintz Bros. 34
Heller, L., & Son 48
Herpers Bros. 108
Herring-Hall-Marvin Safe Co. 120
Hirsh & Hyman .....Outside back cover
Hodenpyl & Walker 48
Hoe's, James C., Sons 116
Holsman & Alter 98
Holtzer-Cabot Electric Co. 117
Honesdale Decorating Co. 114
Hotel St. James 115
Hraba, Louis W. 118
Humphrey, John B., Co. 83
Hutchison & Huestis 38
Illinois Watch Co. 8
International Gem Co. 58
International Silver Co. 12, 17, 19
Jacot Music Box Co. 114
Jeandheur, F., Jr. 108
Jeanne, Frederick A. 54
Jewelers' League 118
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 70
Juergensen, Jules 104
Kahn, L. & M., & Co. .....Outside back cover
Kassel, Abe 118
Kaufman, Louis, & Co. 58
Keck, Herman, Mfg. Co. 70
Kent & Woodland 33
Ketcham & McDougall 114
Klipper Bros. 76
Kohlbusch, Herman, Sr. 108
Kohn, Alois, & Co. 28
Kohn & Co. 35
Koshland & Italie Co. 36
Lackner & Ohl 34
Langendorf Watch Co. 96
Larter & Sons 44
Lederer, S. & B., Co. 38, 39
Lelong, L., & Bro. .....Outside back cover
Leon Watch Case Co. 92
Levy, Robert 23
Lewy & Cohen 31
Libbey Glass Co. 112
Lisner, D., & Co. 24
Lissauer & Co. 48
Loeb, Wm., & Co. 61
Lorsch, Albert, & Co. .....Outside back cover
Lowe, Edwin, & Co., Inc. 41
Luthy & Hine 32
Lyons Gem Co. 60
Maebert & Reiss 104
Maple City Glass Co. 112
Market & Fulton National Bank 68
Martin, S. 104
Mathey Bros., Mathez & Co. 104
Mercantile National Bank 69
Meriden Britannia Co. 12
Meyerowitz Bros. 60
Miller, Fuller & Whiting 40
Moe, Charles 35
Moore & Sons 28
Mount & Woodhull 56
Myers, S. F., Co. 35
Nebeling, Edmund R. 76
New England Watch Co. 94, 95
New York Central Railroad 118
Nissen, Ludwig, & Co. 56
Noel, Rudolph, & Co. 70
Nonnenmann, A., & J. Aschenbrenner 40
Noterman, Jos., & Co. 74
Ohan, G. 116
Ohio Cut Glass Co. 61
Ollendorf, I., Co. 32
Oppenheimer Bros. & Veith 46
Oppenheimer, H. E., & Co. 46
Oriental Bank 68
Orkin Bros. 38
Osmun-Parker Mfg. Co. 30
Ostby & Barton Co. 29
Page-Davis Co. 115
Pairpoint Corporation 115
Parks Bros. & Rogers 22
Passmore Gem Co. 60
Patek, Philippe & Co. 104
Penfold, Wm. C., Co. 98
Percival, D. C., & Co. 62
Potter & Buffinton Co. 39
Power, Chas. L., & Co. 54
Powers & Mayer 13
Price, Cyrus, & Co. 60
Prior, Charles M. 108
Pryibil, P. 116
Pryor Novelty Co. 36
Racine, Jules 92
Reed & Barton Co. 14
Reichhelm, E. P., & Co. 108
Renziehausen, W. F., Co. 116
Revell, A. H., & Co. .....Outside back cover
Rice's, Bernard, Sons 115
Ries & Armstrong 116
Riviere Brass Works 114
Robert, Edmund E. 96
Rockford Silver Plate Co. 27
Rockford Watch Co. 98
Roger Williams Silver Co. 35
Rohrbeck, John E. 31
Roseman, A. 48
Ross, Saltman & Anderson 28
Rothschild Bros. & Co. 34
Roy Watch Case Co. 92
Rudolph & Suedeker 104
Rumpp, C. F., & Sons 114
Sadler, F. H., Co. 37
Saunders, Meurer & Co. 54
Schiff, M. 28
Schultz, Leiss & Co. 27
Scofield & DeWyngaert 32
Sessions Clock Co. 98
Seymour, Cassius W. 32
Shiman Bros. & Co. 72
Simpson, Hall, Miller & Co. 17
Smith, Alfred H., & Co. 46
Smith, E. H. H., Silver Co. 114
Smith, Frank W., Co. 23
Snow & Westcott 31
Sohn & Hyman 83
Solidarity Watch Case Co. 41
Spencer, E. L., Co. 39
Staninger, E. E. 118
State Bank 68
Steiner, Louis 41
Stern Bros. & Co. .....58, Inside back cover
Sternau, S., & Co. 22
St. Louis Watchmaking School 104
Strauss, Ignaz, & Co. ...115, Outside back cover
Strauss, Jacob, & Sons 58
Street, Geo. O., & Sons 34
Tavannes Watch Co. 74
Thomas, Seth, Clock Co. 99
Tivoli Art Glass Co. 112
Todd, A. V. 60
Trenton Watch Co. 92
Trout, Chas. L., & Co. 30
Van Dam, Edward 52
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 31
Waite-Thresher Co. 37
Waltham Watch Co. 84
Washburn, C. Irving 34
Welzenegger Bros. 36
Wells, Chester H. 117
Wendell & Co. 5
Western Clock Mfg. Co. 40
Wheeler, Hayden W., & Co. 46
Whiting & Davis 26
Whiting Mfg. Co. 15
Wodiska, Julius 54
Wolfsheim & Sachs 36
Wood, C. F., & Co. .....Outside back cover
Wood, J. R., & Sons 2, 3
Woodside Sterling Co. 16

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ESTABLISHED 1860. L. O. LEVISON.

Amsterdam, Tulpstraat 2. ALEX. FELDENHEIMER.

CALIFORNIA JEWELRY COMPANY

Importers of

DIAMONDS and PRECIOUS STONES

SAN FRANCISCO, Temporary Office, Oakland, Delger Building YOUR MEMO. ORDERS ARE SOLICITED NEW YORK, 41 Maiden Lane

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

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In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

WANTED, POSITION by first class jeweler, stone setter and engraver. Address "7260," care Jewelers' Circular-Weekly.

YOUNG MAN, thoroughly experienced on fine jewelry coloring, wishes position. Address "C. K., 7376," care Jewelers' Circular-Weekly.

A FIRST CLASS retail salesman is open for a position: preferring New York or vicinity. Address "D., 7383," care Jewelers' Circular-Weekly.

A YOUNG MAN, 19 years, desires position in wholesale jewelry house; best references. Address "T. A. K., 7310," care Jewelers' Circular-Weekly.

FIRST CLASS jeweler and engraver desires position with good retail house; new work; diamond setter. Address "S. T. A., 7307," care Jewelers' Circular-Weekly.

SALESMAN, who has traveled many years in the south and southwest, is open for position; highest references. Address "E., 7372," care Jewelers' Circular-Weekly.

YOUNG MAN, 23 years old, wishes position as stock clerk or as salesman in wholesale house; best reference. Address "Box 7401," care Jewelers' Circular-Weekly.

A YOUNG MAN, 20 years of age, five years' experience, desires position in wholesale jewelry house; A1 reference. Address "F., 7369," care Jewelers' Circular-Weekly.

WATCHMAKER and jeweler wants position with good firm; plain engraver; experience in drug store; south or west preferred. Address J. F. S., Call Box 15, Vaughnsville, O.

OPTICAL SALESMAN is open for position; 12 years with one house; hustler; south and far west; highest references. Address "M., 7371," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

YOUNG MAN, age 24, wishes position with retail jeweler; A1 salesman and window dresser; can furnish best of references. Address "Salesman, 7373," care Jewelers' Circular-Weekly.

FIRST CLASS setter and jeweler, 34 years old, used to assorting stones; original designer; wants a position in a first class business. Address "P., 7321," care Jewelers' Circular-Weekly.

FIRST CLASS modeler and designer desires home work in ornamental flower and figure work for gold and silver; confidence guaranteed. Address "X., 7335," care Jewelers' Circular-Weekly.

WATCHMAKER, with 20 years' experience, desires good position with first class jewelers; accustomed to waiting on trade; first class references. "N. Y., 7287," care Jewelers' Circular-Weekly.

YOUNG MAN, 18, desires position with wholesale jewelry house, where there is a chance for advancement; best of references; have one year's experience. "Honest, 7320," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

YOUNG MAN, 22, having a good knowledge of jewelry business, desires position in same line where advancement keeps pace with ability. F. Winter, 312 Stockton St., Brooklyn, N. Y.

ENGRAVER and ad. writer; first class; rapid and accurate letter and monogram engraver who can write ads. that pull; progressive firm only. Address "More Business, 7358," care Jewelers' Circular-Weekly.

YOUNG MAN, thoroughly experienced in gold and diamond jewelry line, wants position as inside man with Chicago house. Address "S., 7326," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

WATCHMAKER and engraver, 18 years' practical experience, with tools, desires a steady position with first class house; best reference; state wages in letter. Address "Box 7337," care Jewelers' Circular-Weekly.

YOUNG MAN, 21 years of age, six years' experience as office assistant and salesman, wishes position with manufacturing jewelry concern; can furnish A1 references. Address "W., 7378," care Jewelers' Circular-Weekly.

PRACTICAL refractionist and watchmaker of long experience, using latest methods in optical line; diamond setter and good salesman; to locate with good house in good city; reference. "Good, 7387," care Jewelers' Circular-Weekly.

A SHOP PORTER desires position, can get out stock, care for and run machinery, set dies, work on drop or press, and can do quite some work at the bench; steady, sober and reliable. Address "Energetic, 7316," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker wishes to make a change; expert on close rating watches; also good knowledge of optics; good appearance and address; young and single; salary, $25 per week. Address "Circular, 7275," care Jewelers' Circular-Weekly.

COMPETENT, practical watchmaker, experienced on railroad watches; good salesman and jeweler; engrave some; age 30; 9½ years' experience; steady and reliable; please state requirements, wages and hours. G. L. Abbott, Gen. Del., Charleston, W. Va.

WATCHMAKER, jewelry repairer, engraver and salesman, A1 all around man, desires steady position; wages, $20 a week; 24 years of age; single; will go anywhere, and will send reference and engraving samples on request. A. Goldin, care Grossman, 208 E. 124th St., New York.

POSITION WANTED, practical jeweler and designer on platinum, gold diamond work; artistic 14-K. jewelry and fancy rings; has held position as foreman for years with best houses; is open for same position. Address A. Thieme, care E. P. Reichhelm & Co., 23 John St., New York.

WATCHMAKER, engraver and optician, capable to take full charge; familiar with complicated work and finer adjustments; have 25 years' experience; best references; fine tools; married; good appearance; northern States preferred. Address "Sept., 7329," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly.

JEWELRY SALESMAN, selling best New York trade, is open for engagement either now or Jan. 1. Address "P., 7382," care Jewelers' Circular-Weekly.

FIRST CLASS modeler and designer; silverware; original composing; competent in modeling ornamental relief and figure work; academic education; practical experience; could take charge of designing and modeling departments; excellent references. Address "M., 7334," care Jewelers' Circular-Weekly.

WANTED, position as traveling jewelry or watch salesman by young man; 28 years of age; single; 10 years' experience; I understand the practical as well as the theoretical side of the business; have no preference as to territory; all I want is the opportunity. Address "Tact, 7318," care Jewelers' Circular-Weekly.

GENTLEMAN, well acquainted with jobbing and retail jewelry trade, department stores and mail order houses of Chicago and middle west, whose sales have averaged $100,000 annually, is open for position with a manufacturing jewelry house; unquestionable references. Address C. F. Huntington, 4016 Ellis Ave., Chicago, Ill.

A SALESMAN of thorough experience, at present employed, wishes to make change, this Fall or Jan. 1; well acquainted with jobbers, retailers and premium buyers, watches or jewelry, east of Cincinnati; manufacturer's line only; first class credentials; straight salary, or salary and commission; in answering, allow for one week to answer. Address "L., 7347," care Jewelers' Circular-Weekly.

WELL-KNOWN salesman with established department store trade, will open New York office uptown and will cater to New York City and department stores trade; wants only representative lines; salary or commission; Sept. 1. Address "Established, 7392." care Jewelers' Circular-Weekly.

Side Lines Wanted.

COMMISSION HOUSE, calling on jobbing trade from Denver to the Coast, also Texas, would like to hear from manufacturers of gold and filled jewelry. Answer "Denver, 7366," care Jewelers' Circular-Weekly.

WANTED, by experienced traveling salesman, on commission, a line either of jewelry, combs, silver, watches or some line for jewelers in west and northwest States. "Commission, 7157," care Jewelers' Circular-Weekly.

MANUFACTURER of small novelty line, office Maiden Lane, New York, is in a position to display and sell non-conflicting line; selling best department stores and jobbers. Address "7253," care Jewelers' Circular-Weekly.

TWO competent salesmen, well acquainted with retail trade on Pacific Coast, would like to hear from manufacturers of cut glass, hollow ware, flat ware and jewelry, regarding representation in above territory. Answer "Box 7365," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, first class jewelry repairer and stone setter. Wm. Hiles, 613 4th St., Sioux City, Ia.

WANTED, good watchmaker; permanent position. C. B. Meyer, 105 New Main St., Yonkers, N. Y.

WANTED, a lady engraver and jeweler. Address "Anxious, 7370," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

WANTED, good engraver and jeweler; $25 per week; steady position to good man. Sylvan Bros., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, a good jeweler and engraver; permanent position for good man. Address M. E. La Vake, Princeton, N. J.

SALESMAN WANTED, a traveler acquainted with the gold pen trade. Aikin-Lambert Co., 19 Maiden Lane, New York.

AT ONCE, first class jeweler and engraver, who can assist with other work. The John-Rose Jewelry Co., Birmingham, Ala.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

BOOKKEEPER WANTED who has experience in the wholesale jewelry line. L. S. Meyer & Bro., 38 Maiden Lane, New York.

WANTED, AT ONCE, a watchmaker and engraver; permanent position to the right man. J. W. Jones, Mt. Sterling, Ky.

WANTED, first class engraver; permanent position; salary, $25 per week. Address Edwards & LeBron, Chattanooga, Tenn.

WANTED, good diamond and job setter; two good jewelry repairers. E. Maritz Jewelry Co., 217 N. 6th St., St. Louis, Mo.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

HELP WANTED.—Continued.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, first class engraver, assistant watchmaker and salesman; state age and experience. E. G. Hayner, Colorado Springs, Colo.

CASHIER and bookkeeper wanted; young lady; first class New York retail jewelry store. "E. M., 7391," care Jewelers' Circular-Weekly.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, good letter and monogram engraver; young man, to do trade work. Address A. B. Kohler, Room 444, Hood Bldg., Birmingham, Ala.

WANTED, young man as clock repairer; must be competent on all clocks; city reference. Address "Box 7385," care Jewelers' Circular-Weekly.

WATCHMAKER, good workman, to help on watchwork; near Boston; give wages and references. "X. Y. Z., 7283," care Jewelers' Circular-Weekly.

AT ONCE, good repairer, stone setter and manufacturing jeweler; state wages and references in first letter. Egermann & Son, 81 Fox St., Aurora, Ill.

WANTED, AT ONCE, A1 watchmaker, jeweler and engraver; good position; permanent to a good man; salary, $18 per week. Hill & Co., Rockdale, Tex.

SECOND WATCHMAKER, jeweler and good optician; town of 5,000; $15 per week; send photo and reference in first letter. Will L. Fredeking, Hinton, W. Va.

WATCH, clock and jewelry repairer; New York State; $14 per week; permanent position; send reference. Address "L. K., 7330," care Jewelers' Circular-Weekly.

WANTED, a young lady in a manufacturing jewelry office; one who has had some experience in this line. Address "Experience, 7359," care Jewelers' Circular-Weekly.

WANTED, first class watch and clockmaker and engraver; must be A1 workman; no others need apply; steady job, $20 per week. C. A. Tucker, Jeweler, Lincoln, Nebr.

WANTED, a good salesman for jewelry and diamond department in first class store; state salary and present employ. Address "T. U., 7331," care Jewelers' Circular-Weekly.

JEWELER and engraver, or assistant watchmaker and engraver; steady position for alert, reliable young man; state salary. A. Hawkins, 727 Eighth Ave., New York.

WANTED, an experienced salesman to take a line of silver plated ware on commission, through the middle States. Address L. A. Littlefield Silver Co., New Bedford, Mass.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, AT ONCE, good jeweler, jobber, engraver and stone setter; good wages and permanent position to right man. J. H. Reed, 38 W. Washington St., Indianapolis, Ind.

YOUNG MAN as jeweler in retail store, one who wishes to learn watchmaking and repairing; exceptional advantages to steady, ambitious man. "G., 7315," care Jewelers' Circular-Weekly.

WATCHMAKER WANTED; must be thoroughly competent and able to do some engraving and jewelry repairing; salary, $20 per week; permanent position. A. Zurhellen, Natchez, Miss.

THREE experienced young salesmen for jewelry, sterling silverware, bric-a-brac, etc., for first class retail store; state experience, etc. Address "C. D., 7319," care Jewelers' Circular-Weekly.

WANTED, young man or lady as engraver, and assistant in selling; permanent, pleasant position; state time you will begin, references and salary in first letter. Gabriel Jewelry Co., Mobile, Ala.

SALESMAN WANTED, who visits the high grade jewelry stores, to sell a fine class of diamond mountings as a side line on commission. Address "J., 7377," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker, jeweler and engraver, or watchmaker, who is a jeweler or engraver; accustomed to fine work; good, permanent position to right man. J. C. Robinson, Chester, S. C.

WANTED, second watchmaker; active young man to work on watches only and assist as salesman; answer with reference and experience; wages, $14. C. E. Snyder, 3711 Butler St., Pittsburg, Pa.

WANTED, young man, good on clocks and jewelry repairing, as assistant watchmaker; near New York City; send reference and state wages. "Experience, 7395," care Jewelers' Circular-Weekly.

WANTED, watchmaker, must be a first class and thorough workman, to repair all kinds of American and Swiss watches; salary to start, $30 a week. Apply to H. C. Abbott & Bro., Birmingham, Ala.

WATCHMAKER, competent, to go to New Orleans; good position and advancement for right party; state experience, reference and salary expected. "T. Y., 7343," care Jewelers' Circular-Weekly.

WANTED, CLOCKMAKER, who is also an experienced letter and monogram engraver; send samples of engraving with references; and state salary wanted. Address C. L. Byrd & Co., Memphis, Tenn.

WANTED, first class jobbing jeweler and diamond setter, also one quick jobbing jeweler; young men preferred; permanent position and good wages to right parties. Lawrence L. Moore & Co., Seattle, Wash.

WANTED, a bright young man of neat appearance, to finish watchmaker's trade; a splendid chance for advancement; must be well recommended and have some experience. Albert Edholm, Omaha, Nebr.

WANTED, AT ONCE, a thoroughly competent watchmaker, one who can engrave preferred; must be sober and furnish reference; $18 per week and steady job to right man. Address G. B. Tilghman, Cape Charles, Va.

WANTED, a young man with some experience to assist in watch work; must also have some knowledge of jewelry repairing and engraving; permanent and promising situation for an energetic young man. H. H. Bolen, Staunton, Va.

WANTED, fine watchmaker, whose work is much better than the average; good salary; steady position in large store within 100 miles of New York; best of references required. Address "Meylan, 7327," care Jewelers' Circular-Weekly.

WANTED, watchmaker, jeweler, engraver and optician; permanent place to right man; reference required; position will prove splendid opportunity to business hustler; $15 a week to start; state age, experience, etc. T. L. Foly, Elsberry, Mo.

WANTED, a first class salesman and manager of sterling silver department; a high class man, thoroughly conversant with the silver business; apply by letter, giving full information and experience. Mermod, Jaccard & King Co., St. Louis, Mo.

WANTED, in thriving Virginia city, watchmaker and engraver; one who can take charge of ordinary repair work, but must be a good engraver; splendid opportunity for a capable man. Address "R. J. A., 7360," care Jewelers' Circular-Weekly.

WANTED, a young man acquainted with the manufacturing and wholesale jewelry trade of New York and vicinity, to sell a line of boxes, trays, display goods and suppplies; state experience. Address "A. E., 7314," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver; send sample of engraving and references in first letter, stating salary wanted; give age and experience; steady employment and good wages to right man. Address Henry Iversen & Co., Corsicana, Tex.

DIAMOND SETTER on nigh grade work; also two good diamond mounters on platinum work, and an experienced jewelry engraver; steady positions the year round and liberal wages to good workmen. Apply to J. Milhening, 195 State St., Chicago, Ill.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

PERMANENT and congenial position for first class watchmaker who is competent to take entire charge of store during absence of proprietor; store is located in Summer resort within 40 minutes of City Hall, New York. Address "E. M., 7381," care Jewelers' Circular-Weekly.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, at once or Jan. 1, two road salesmen who can sell $40,000 and upward a year; write full particulars; amount of sales and territory traveled; to represent one of the largest jobbing houses in New York City; the largest and best line on the road; no watches; we want men who can earn a salary of $3,000 and upward. Address "Chance, 7390," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver, or first class jeweler and engraver; permanent position; salary $25 per week; send sample of engraving and reference with first letter; none but first class workmen need apply. E. F. Jakeman, Norfolk, Va.

WANTED, first class watchmaker and engraver, and first class jeweler and engraver; permanent positions; fine store; send sample of engraving, references and salary wanted in first letter; none but first-class men need apply; must have complete tools. Geo. B. Rose, 10 Main St., La Crosse, Wis.

Business Opportunities.

JEWELRY STORE, established in New York in a central location, for sale; with or without stock; splendid opportunity for a practical man with a small capital; principals only. Address "A., 7242," care Jewelers' Circular-Weekly.

FOR SALE, old established jewelry business in large western Massachusetts town (Summer resort); fixtures and stock new; fine chance for young man with about $6,000. Address "Berkshire, 7355," care Jewelers' Circular-Weekly.

FOR SALE, stock of jewelry, etc., at Water Valley, Miss.; $5,000 cash or one-half cash and balance on secured notes; death of owner cause for selling. Address Mrs. A. K. Jobe, Executrix, Jackson, Tenn.

AN EXPERT manufacturing jeweler, now superintending foreman of firm producing extremely successful bracelet line and other jewelry; thoroughly familiar with all branches; desires partner or backing; can demonstrate certainty of success. "R., 7375," care Jewelers' Circular-Weekly.

CASH PAID for entire jewelry stores and stocks; send us your surplus stock, and we will send you a check by return mail; if our offer is unsatisfactory we return your goods; we act quickly and strictly confidential. Jos. Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

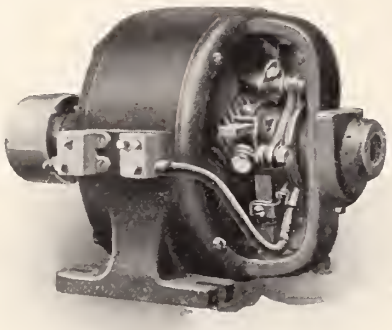
Wanted to Purchase.

WANTED, to buy second hand safe for jewelry store; state size, make and lowest cash price. Paul Stamsen, 80 Western Ave., Muskegon, Mich.

(*Special Notices continued on page* 80.)

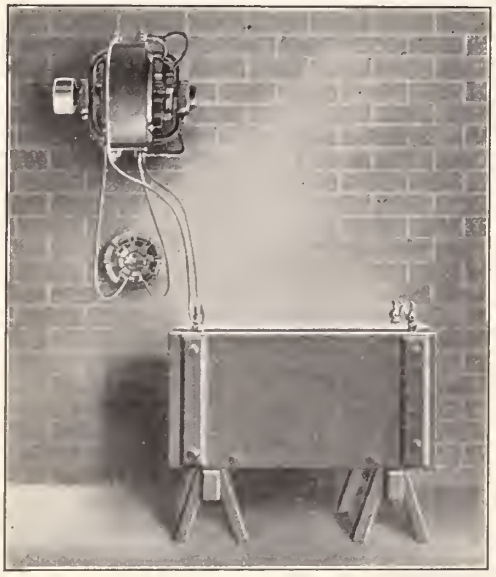
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SOMETHING NEW FOR JEWELERS
OR SMALL PLATING SHOPS.



FURNISHED IN FOUR SIZES.

Can be used in all operations of Plating, Gilding or Silvering.



Operated in any position; on floor, ceiling or side wall. Latest features, mechanical and electrical.

Adaptability.

Economy of space.

Compound winding of fields.

Generators can be furnished direct connected to Motor, avoiding long lines of belting, effecting economy in power.

We supply everything used in Plating and Polishing.
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THE HANSON & VAN WINKLE CO.

ESTABLISHED 1820

Main Office:
219-221 Market Street,
Newark, N. J., U. S. A.

Branch:
Chicago, Ill.

Special Notices.

(*Continued from page 79.*)

For Sale.

JOB of gold filled watches, all sizes, at a bargain; new goods sent on memo. to well rated dealers. Dan. I. Murray, 3 Maiden Lane, New York.

FIXTURES for sale; send for photographs and prices of old fixtures; moving into newly furnished store. Jaccard Jewelry Co., Kansas City, Mo.

CHRONOMETER for sale, eight-day, 4¾ inch dial, excellent timekeeper; in good condition; price, $100; cost $300. Address "Jersey, 7317," care Jewelers' Circular-Weekly.

FOR SALE, large flat rollers, power or hand; also combination square and half-round rollers for hand or power; rotary blower melting furnace. Walter Huelsick, 217 N. 6th St., St. Louis, Mo.

CUT GLASS direct from factory to you at 25 per cent. discount; if not satisfactory return at factory expense; write me for $25 selection order; will go direct to factory. Dan. I. Murray, Broker, 3 Maiden Lane, New York.

DIAMOND JEWELRY at a discount; rings, studs, scarf pins and brooches, $10 to $60 each; consigned to me by a manufacturer needing cash; sent on memo. to well rated dealers. Dan. I. Murray, 3 Maiden Lane, New York.

AT 50 per cent. on the dollar, a line of up-to-date single plate jewelry, hat pins, combs, scarf pins, etc.; 75c. to $6 dozen, less 10 per cent. cash discount; sent on memo. to well rated dealers; goods were sent me from a prominent manufacturer to turn into cash. Address Dan. I. Murray, Broker, 3 Maiden Lane, New York.

TWO 10-ft., one 11-ft. and two six-ft. jewelers' counter cases, all 24 in. wide inside, 17 in. high outside, one piece plate glass on tops, fronts and ends, mahogany mouldings, German mirror glass to doors, with open pine tables, 26½ in. high, mahogany finish, each table fitted with two drawers; large cases, $50 each, with table; small cases, $25 each, with table; all in good condition. Green's Jewelry Store, Roanoke, Va.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

TO LET, light office for salesroom, to manufacturing or jobbing jeweler. Call on or address W. H. H., 7 Maiden Lane, Room 44, New York.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7388," care Jewelers' Circular-Weekly.

Lost.

LOST, plain Roman gold heart locket; kindly return to "S., 7400," care Jewelers' Circular-Weekly.

Miscellaneous.

AUTOMOBILE (Orient buckboard), 1906 model; good as new; will trade for diamonds, watches, etc.; send invoice of stock you wish to trade. Address "Jeweler," 302 S. Front St., Mankato, Minn.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

PATENT DEPARTMENT

[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF AUG. 21, 1906.

828,872. ATTACHMENT FOR HAIR-COMBS. Ulysses L. Berger, Washington, D. C. Filed Feb. 2, 1906. Serial No. 299,119.

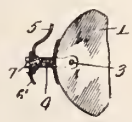
An attachment for hair-combs, consisting of a holder adapted to frictionally engage the back of the comb with a space above the latter and having openings along its engaging edges, and a com-



pressible member secured to said holder and adapted to be grasped by the hand, said member having an air-inlet and an air-exit, the exit arranged between the back of the comb and the back of said holder.

828,913. EYEGLASS-MOUNTING. George W. Wells, Southbridge, Mass. Filed Feb. 23, 1905. Serial No. 246,849.

In an eyeglass-mounting, the combination with a post having a central fin or projection, said fin



or projection having a screw-threaded hole, of a spring and nose-guard, each having an elongated opening therein to fit over and receive such fin or projection, and a binding-screw engaging the threaded hole of the fin or projection, said screw having a head overlapping the side edges of and bearing directly on said fin or projection.

828,920. FOUNTAIN-PEN. George F. Brandt, Boston, Mass., assignor of one-half to Charles Brandt, Boston, Mass. Filed Dec. 6, 1905. Serial No. 290,541.

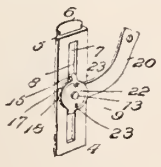
In a fountain-pen, an ink-reservoir open at one end, a movable pen-support adapted to be withdrawn into the reservoir, a holder within which the ink-reservoir is received, a stem connecting



the holder and pen-support, said stem projecting through the closed end of the ink-reservoir, and a flexible tube having one end secured to the ink-reservoir and the other to the stem of the pen-support.

828,924. EYEGLASS-GUARD. Chester H. Carnes, Trinidad, Colo. Filed Feb. 26, 1906. Serial No. 303,091.

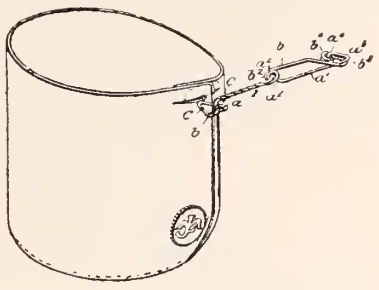
An eyeglass-guard, comprising a nose-piece provided with a longitudinal slot, a holt designed to be secured to said nose-piece at different longitu-



dinal positions thereon and provided with a shank extending through said slot, an attaching-arm mounted on the shank of the bolt and arranged to turn axially thereon a clamping member arranged for guiding engagement by said slot, and means for binding said clamping member against the attaching arm as and for the purpose set forth.

828,942. CUFF-HOLDER. Joshua M. Lucas, Bethesda, O. Filed Oct. 6, 1905. Serial No. 281,602.

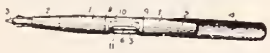
A cuff-holder of the character described, formed of a single piece of spring-wire and comprising a twisted shank that terminates at one end in a neck projected at right angles from the shank and



a loop-shaped hook that projects at right angles to the neck, the end of the twisted shank terminating in a pair of opposing spring-fingers, the ends of which are bent at right angles with respect to the shank and in a parallel relation, the extremities of said ends having clamping portions, as set forth.

828,973. FOUNTAIN-PEN. William W. Sanford, Newark, N. J., assignor of one-half to Frederic D. Bennett, Freehold, N. J. Filed Oct. 10, 1905. Serial No. 282,099.

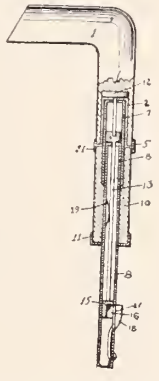
The combination of an orificed penholder-body



provided with a conical end, an ink-sack in said body, and a split guard-sleeve for said orifice adapted to be first expanded by said conical end, and then to snap to place over said orifice.

828,990. UMBRELLA. John A. Whittington, Darlington, S. C. Filed Nov. 7, 1905. Serial No. 286,227.

The combination of the handle 1, having in its lower end a hollow; a tube 2, having in its upper end a perforation, and in its side a vertical groove 3, and a horizontal groove 4, and attached to its lower end a band; said tube inserted in said hollow; a tube 7, having in its upper end a key-hole 6, the lower end of said tube secured to the upper end of the umbrella-tube 8, its upper end extending up into the tube 2; a rod 13, fitting in



said umbrella-tube 8, and having on its lower end a slotted lug 15, and on its upper end a screw-head 14, the screw-head 14, resting on the upper end of the umbrella-tube 8; a key 12, its head rigidly secured to the upper face of the head of the tube 2, its blade passing down through the upper ends of said tubes 2 and 7, its lower end fitting in a notch 20, of the screw-head 14; a dog 18, secured to the umbrella-tube and adapted to slide in and out of the slot 16, of the lug 15; a spring 19, secured at its middle to the rod 13, its outturned ends resting against the inner face of the umbrella-tube 8, and a wooden-handle extension 10, encircling and secured to the lower end of tube 7, and the upper end of umbrella-tube 8.

829,053. NECKTIE-FASTENER. W. A. Bennett, London, England. Filed Aug. 1, 1905. Serial No. 272,161.

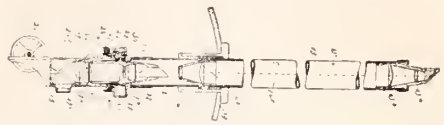
The herein-described necktie-holding device comprising an ordinary collar button or stud and an ordinary scarf-pin, the button or stud being composed of a back portion and a shank provided with a head, said head being provided with a



transverse aperture through which the shank of the pin is adapted to be passed.

829,121. TELESCOPE FOR SUBMARINE AND SUBMERGIBLE BOATS. Edmund Neumayer and Heinrich Jacob, Friedenau, near Berlin, Germany, assignors to the firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedenau, near Berlin, Germany. Filed June 24, 1905. Serial No. 266,728.

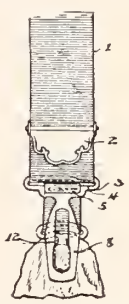
In a telescope for submarine and submergible boats, turrets and similar purposes the combination of at least one reflector inserted in the path of the rays and rotatably mounted and inclined to



the axis-ray of the instrument a prism inserted in the path of the rays behind said reflector, means for moving said prism with half the angular velocity of said reflector, said prism being adapted to secure upright images for arbitrary positions of said pivoted reflector, at least one telescopical system in front of said rotatable prism and means arranged behind said prism adapted to collect the rays leaving said prism so as to produce an image of the object emitting said rays.

829,147. GARMENT OR HOSE SUPPORTER. Marshall B. Gardner, Aurora, Ill., assignor to S. Florsheim & Son, Chicago. Filed July 29, 1905. Serial No. 271,761.

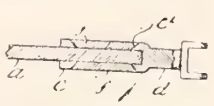
In a garment-supporter, a longitudinally-slotted clamping member having inwardly-turned longitu-



dinal marginal flanges, in combination with a member having a head adapted to engage the slot of said clamping member and lateral ribs adapted to slidingly engage the inner sides of the flanges of said clamping member.

829,264. EYEGLASS AND SPECTACLE MOUNTING. Edgar J. George, Chicago. Filed Feb. 19, 1906. Serial No. 301,874.

In combination with the lens of an eyeglass or



spectacle, a mounting comprising a stud-strap overlying the lens, and a binder adherent to the lens and taking over a portion of said strap.

829,268. EYEGLASSES AND SPECTACLES. George A. Griffin, Brooklyn, N. Y. Filed Jan. 26, 1905. Serial No. 242,796.

A screw having a pliable plate secured to one

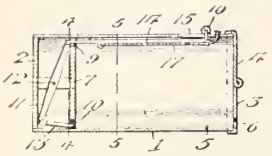


end thereof forming the head of the screw, said plate being formed at opposite corners with pliable

projections 12 and separated by slots 13 from the main portion of the plate.

829,351. MATCH-BOX. William A. Pinckney, Stanton, Mich., assignor of one-half to William P. Gamber, Stanton, Mich. Filed April 7, 1906. Serial No. 310,542.

A match-box provided with an opening located in its front end and with a longitudinally-extending and elongated slot located in its top, a partition arranged within the box at a point adjacent its rear end and provided with openings, one of said openings aligning with the opening in the front end of the box and the other of said openings

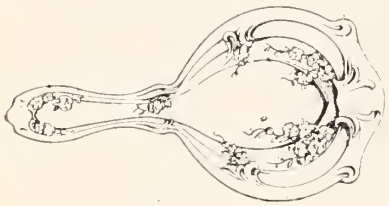


being located adjacent the top of the box, bars secured to the side walls of the box to retain the partition in applied position, a pin carried by the bars, a lever pivotally mounted upon said pin, an ejector-rod secured to the operating end of said lever and having its free end closed within and movable through the opening in the partition aligning with the opening in the front end of the box, an operating-rod having its rear end secured to the power end of the lever and its front end bent at a right angle and passed through the slot in the top of the box, a knob secured to the bent end of the rod, and an elastic member secured to the box and to the rod.

Designs.

38,175. BACK FOR MIRRORS, BRUSHES, ETC. Percy J. Callowhill, North Attleboro, Mass., assignor to the Bristol Mfg. Co., Rhode Island. Filed June 26, 1906. Serial No. 323,537. Term of patent 3½ years.

38,176. BACK FOR MIRRORS, BRUSHES, ETC. Sidney A. Keller, New York, assignor to the Bristol Mfg. Co., Rhode Island.



Filed June 26, 1906. Serial No. 323,536. Term of patent 3½ years.

38,177. BACK FOR MIRRORS, BRUSHES, ETC. George H. Berry, Shelton, Conn., assignor to the International Silver Co.,



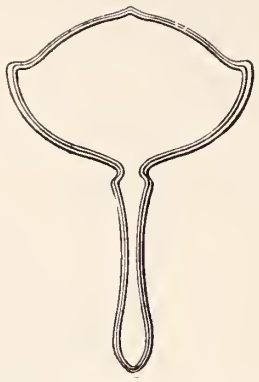
Meriden, Conn. Filed July 2, 1906. Serial No. 324,529. Term of patent 7 years.

38,178. BACK FOR MIRRORS, BRUSHES,



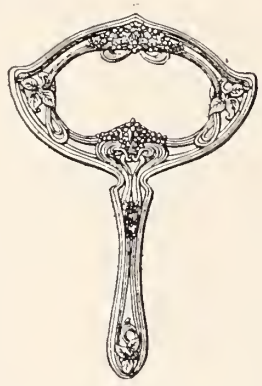
ETC. George H. Berry, Shelton, Conn., assignor to the International Silver Co., Meriden, Conn. Filed July 2, 1906. Serial No. 324,530. Term of patent 7 years.

38,179. BACK FOR MIRRORS. Theodore W. Foster, Providence, R. I. Filed July 16,



1906. Serial No. 326,521. Term of patent 7 years.

38,180. BACK OF MIRRORS. Theodore W. Foster, Providence, R. I. Filed July 16,



1906. Serial No. 326,522. Term of patent 7 years.

38,181. BACK OF BRUSHES. Theodore W. Foster, Providence, R. I. Filed July 16,



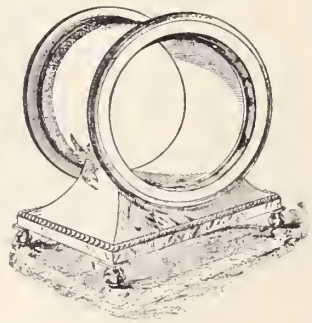
1906. Serial No. 326,523. Term of patent 7 years.

38,184. SPOON OR FORK. August Miller, Taunton, Mass., assignor to Reed & Barton.



Filed June 25, 1906. Serial No. 323,390. Term of patent 14 years.

38,187. CLOCK-SUPPORT. Walter Edward



McGraw, Everett, Mass. Filed July 2, 1906. Serial No. 324,533. Term of patent 14 years.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED AUG 21, 1906

Ser. No. **17,746.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) Hibbard, Spencer, Bartlett & Co., Chicago. Filed March 12, 1906. Used 10 years.

OUR VERY BEST

Particular description of goods.—Clocks and watches.

REGISTERED AUG 21 1906.

55,647. WATCH-DIALS AND WATCH-MOVEMENTS. Rode Watch Co., New York.

Filed April 20, 1905. Serial No. 2,323. Published June 19, 1906.

55,865. CLOCKS AND WATCHES. Western Clock Mfg. Co., La Salle, Ill.

Filed Feb. 26, 1906. Serial No. 17,373. Published June 26, 1906.

55,944. WATCH-MOVEMENTS. The Hampden Watch Co., Canton, O.

Filed April 13, 1906. Serial No. 18,778. Published June 19, 1906.

55,945. GOLD AND SILVER FLAT WARE, HOLLOW WARE AND TABLE WARE. William Linker, Philadelphia, Pa.

Filed May 5, 1905. Serial No. 4,407. Published May 15, 1906.

56,042. ORNAMENTAL CHAINS AND PARTS THEREOF AND ATTACHMENTS THEREFOR. Annie M. Hale and Edwin E. Hale, North Attleboro, Mass., executors of Oscar M. Draper, deceased.

Filed Feb. 23, 1906. Serial No. 17,303. Published 1906.

55,105. WATCHES AND CLOCKS. Tiffany & Co., New York.

Filed Dec. 4, 1905. Serial No. 15,171. Published June 19, 1906.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Aug. 20, 1889.

409,255. KEY-HOLDER. C. E. Van Norman, Waltham, Mass.

409,267. CANE OR PARASOL WATCH. J. W. Allen, St. Louis, Mo.

409,283. DEVICE FOR CARRYING AND APPLYING POSTAGE STAMPS. J. H. Hager, Marlette, Mich.

409,351. INKSTAND. G. A. Fifield, Dubuque, Ia.

409,380. PENCIL-SHARPENER. B. T. Whitehouse, Dover, assignor of one-half to C. W. Jackson, Portsmouth, N. H.

409,423. ICE-PITCHER. Edward Playter, Ottawa, Canada.

409,526. CALENDAR. F. M. Underhill, Brook-

lyn, N. Y., assignor to Whitall, Tatum & Co., New York.

Designs issued Aug. 22, 1899, for 7 years.

31,427. CHARM. SIGMUND BENENSOHN, Yorkville, Ill.

31,430. NECKTIE RETAINER. M. L. POWERS, New York.

31,431. SHIRT-WAIST FASTENER. JENNIE L. BRIGGS, Taunton, Mass.

31,433. BUTTONHOLE OPENER AND BUTTONER. RICHARD CLARKSON, Philadelphia, Pa., assignor to B. L. Williams, same place.

Designs issued Feb. 17, 1903, for 3½ years.

36,229 and **36,230.** SPOON HANDLES. EUSTACE CREES and C. S. COURT, Providence, R. I., assignors to Watson & Newell Co., Rhode Island.

36,231. CANDLESTICK. EMILE BACHLE, Meriden, Conn., assignor to the International Silver Co., same place.

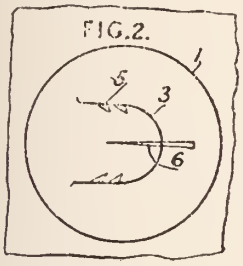
BRITISH PATENTS.

(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF AUG. 9, 1906

7,434. CANDLESTICKS. W. H. WEBSTER, York. April 8.

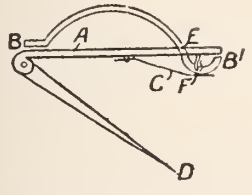
In the central dish 1 of a candlestick is a rigid U-shaped clip 3 having on both sides a series of small teeth or barbs 5 pointing towards the interior of the clip. A detachable needle 6 protrudes horizontally from the back of the clip for the



purpose of piercing the wick and holding it upright when all the material of the candle has been melted. The point of the needle 6 may be divided or barbed, and as a modification two or more needles may be used.

7,661. FLOWER HOLDERS. A. L. MACNAMARA, Harlesden, N. W. April 11. No patent granted (sealing fee not paid).

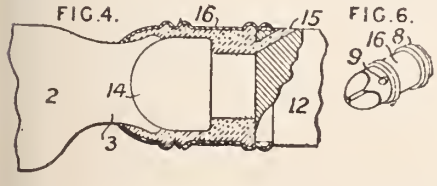
Relates to a flower-holding device fastened to the article of dress by means of a safety-pin attachment. To the metal plate A is pivoted the



pin D which engages with the hook F. The lever BB¹ passes through the hole E in the plate, the end B¹ being pressed against the plate by the spring C. The flower stems are secured between the larger bow of the lever B and the face of the plate A.

7,666. KNIVES, FORKS, ETC. G. S. HASTINGS, Plainville, Conn., U. S. April 11. (Date applied for under Patents Act, 1901, July 1, 1904.)

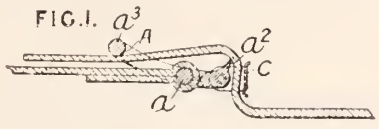
Relates to a seamless combination ferrule and



bolster for attaching the handles to knives and forks, etc., made separate from the blade. The tang 3, Fig. 4, of the blade 2 fits against the head 14 of the handle 12, and the junction is surrounded by the combined ferrule and bolster 16. Solder or other cementitious material is run in through the conduit 15. If the handle is of rubber, celluloid, etc., a hole 9, Fig. 6, is provided in the bolster end of the combined ferrule and bolster through which the solder, etc., may be injected. The ribs 8 are stated to be some protection to the handle if the knife, etc., be accidentally dropped. The end of the handle may be provided with projecting retainers.

7,873. BUCKLES. W. H. DELAMONT, Bournemouth, Hampshire. April 13.

A friction buckle consists of a slightly curved frame A, provided with cross-bars *a*, a^3 and an eccentric portion or projecting rib a^2, and a loop C pivoted to the end of the frame. One end of



the strap is fixed to the bar *a*, and the other end passed through the loop C, over the rib a^2, and under the bar a^3 as shown. Tension on the strap causes it to be gripped between the loop and frame.

Complete specifications accepted Aug. 1, 1906.

1905.

15,491. PHOTOGRAPH-FRAME. FLINT.

19,644. COLLAR BUTTON ATTACHMENT. ROWE.

22,364. CANDLESTICK. OWEN.

1906.

4,604. REGULATOR FOR CLOCK MOVEMENTS. SCHROEDER.

Applications filed July 23 to July 28, 1906.

16,562. STUDS, CRAVAT HOLDERS, ETC. JAMES WESTAWAY, London.

16,566. HAT-PIN. H. T. PEARCE, Gloucestershire.

16,646. AUTOMATIC ELECTRIC CLOCK SWITCH. F. T. REID, Exeter.

16,745. PENCIL-CASE. EDUARD PENKALA, London. Complete specification.

16,722. COLLAR BUTTON. L. F. BRENNER and A. H. LEIBIUS, London.

16,782. CANDLESTICK. JAMES TAYLOR, London.

16,835. CALENDAR. H. P. RASHLEIGH, London.

16,843. HAT-SECURER. F. C. THORPE, Hull.

16,859. HAIR CURLER. FRED BURKS, Manchester.

16,873. MATCH-BOX. CARL MIRZ and FRITZ ASSMANN, London.

16,935. ASH TRAY. THOMAS WALL, Birmingham.

16,936. BROOCH. THOMAS WALL, Birmingham.

16,937. UMBRELLA CLIP. THOMAS WALL, Birmingham.

16,981. WINDING INDICATOR FOR CLOCKS AND WATCHES. BERNHARD KERSCHL, London. Complete specification.

17,053. WATCH. A. T. MIRZA, London.

Frank T. McKee has purchased the business of W. M. Fleming, Arthur, Ill.

Pittsburg.

C. H. Honess, Asheville, N. C., was a visitor in Pittsburg last week.

Samuel Weinhaus, of S. & B. C. Weinhaus, is in Canada, spending his vacation.

O. C. Graf, of Graf & Niemann, left Friday for New York on a Fall buying trip.

W. T. Sanford, formerly of Chicago, is the new manager of the Pittsburg store of Loftis Bros. & Co.

The town of Connellsville last week celebrated its centennial, and the jewelers of the town, who took an active part in the celebration, did considerable extra business in consequence.

F. F. Aul, with the George B. Barrett Co., is at the lakes spending his vacation. Henry A. Barrett, whose illness has confined him to his home for some months, visited the store last week.

G. W. White, of West, White & Christy, whose marriage was noted in THE CIRCULAR-WEEKLY last week, has returned from his wedding trip, and is living for the present at the home of his father-in-law, John Young, Bellevue.

Among the out-of-town merchants who last week visited Pittsburg were the following: Frank N. Worrell, Canonsburg; Frank Bloser, New Kensington; Thomas H. McNary, Washington; Harry Furtwangler, Greensburg; A. C. Shaner, Sharpsville; Frank Murdock, Ligonier; B. E. Brown, Monessen; J. P. Rosendahl, Irwin; C. C. File, Mars; M. R. Shingler, Wellsville; Frank E. Lister, Carnegie; Thomas Tomlinson, Charleroi.

J. A. Hudson, who was a resident of San Francisco at the time of the earthquake, has gone on the road for Goddard, Hill & Co., of this city. Mr. Hudson succeeds A. McDowell Bailey, who recently resigned. Mr. Bailey had quite an exciting experience last week. He was driving a spirited horse at his home in Bellevue, a suburb of this city, when the animal became frightened and ran off, throwing Mr. Bailey out. The latter was not very much injured, however.

Considerable excitement was caused at the store of John C. Stump, 6343 Frankstown Ave., last week by electric light wires crossing his telephone wire. By some unexplained circumstance an alarm of fire was sent in, and the department responded promptly. The crossing of the wires was followed by a pyrotechnic display, that, while pretty, was very dangerous, and caused much excitement. Mr. Stump's store was not damaged, but he received considerable advertising by the event.

THE BOSTON DIAMOND HOUSE
Cutters of DIAMONDS
JOHN B. HUMPHREY CO.
Cutters of DIAMONDS
387 Washington St., Boston, Mass.
We are receiving Monthly Shipments of Diamonds from our Brazilian Mines, which are on exhibition at our Boston Office.

SOHN and HYMAN
IMPORTERS OF PRECIOUS AND IMITATION STONES
Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
JOBBING STONES A SPECIALTY
47 and 49 Maiden Lane, NEW YORK

Mainspring Don'ts

Simple Hints for Those Who Handle Mainsprings

Don't fail to provide yourself with the best mainspring winder that can be obtained. See that the hooks on all arbors of the winders are no longer than the thickness of the thinnest spring, and thus avoid kinking, and therefore unnecessary breaking of mainsprings.

Don't use a mainspring that is too long, because it fills the barrel and prevents that part, or the mainwheel, from making the required number of revolutions, with the consequence that the watch will not run as it should after each winding.

Don't use a mainspring that is too strong, because it will set, increase the percentage of breakage and injure the watch.

Don't use a mainspring that is too wide, and be sure that the tip and brace do not extend beyond the limits of the cover and barrel.

Don't forget that a mainspring should not occupy more than one-third the diameter of the barrel, thus leaving two-thirds to be divided between the arbor and winding space, to enable the watch to run about thirty-six hours.

Don't expect a mainspring to be flat if you put it in the barrel with the fingers. This method usually injures the spring, gives it a cylindrical form, and thereby increases the friction in the barrel.

Don't bend the inner or outer end of the mainspring with flat-nosed plyers, but provide yourself with specially made round-nosed pliers which will give a circular form to these parts, prevent short bends, contract the inner coil, and thus secure a closer fit to the barrel arbor without injuring the spring.

Don't expect other than a properly fitted flat mainspring with rounded edges to produce the least friction in the barrel, allow the greatest amount of power to the train, and give the best results as to time, service, etc.

Don't expect a mainspring to always endure extreme changes in temperature, or electrical disturbances, or straightening at full length, or neglect from lack of cleaning and oiling.

Don't expect a watch that needs cleaning or other repairs to run satisfactorily by merely putting in a new mainspring.

Don't expect a mainspring to plough through too much dirt.

Waltham Watch Company

Waltham, Mass.

THE HOROLOGICAL REVIEW.



INTERESTING OBJECTS SEEN *at the* RECENT HOROLOGICAL EXHIBITION *in* NUREMBERG.

Compiled and Translated for the Jewelers' Circular-Weekly from the Journal Suisse d'Horogerie.

(*Continued from issue of Aug.* 15.)

THERE were displayed two small table clocks, one square, the other round, the feet of which are three lions chased; a simple gilded dial and only one iron hand; a gilded cross, on top of which is a terrestrial sphere displaying the hours engraved on a silver circle, the movement, as in all pieces of this class, being in the base of the cross. The index in this case is below; the whole is of marvelous workmanship and in perfect preservation.

Here is a clock all of iron and with weights, the property of Carl Marfels, of Berlin. It is in the form of a Gothic church, the "foliot" is round and suspended by a wire. It strikes the quarter-hours. The pillars are in wrought iron, turned; the hands are marvels of workmanship; the bell-turret is a work of art in itself.

The front part of the clock in open work and deeply wrought, is an extraordinary work of chasing; it is gilded, but faded out. It is the most beautiful clock here, and it is not a surprise to learn that it belongs to Mr. Marfels. Even the weights are shaped and hollowed. The disk of the "foliot," an iron circle, at least a centimeter in height, is milled, probably to adjust there some very small "regales" designed to diminish the oscillation.

Imagine these parts made smaller, attach a drum to the pillar-plate, put in a spring, and you have, in effect, the first watch of Peter Henlein; the gradation is so striking that it seems impossible to be mistaken.

Carl Forster, of Vienna, has a fine show case in which is a silver egg-watch well preserved, with fusee and catgut, dating from about 1600; a watch with a cock in enamel; another (1690) with a fine cock, a set crystal covering the balance.

In the collection of Mr. Speckhart, previously alluded to, we find a splendid catalogue of the Marfels watch collection, some treatises on watchmaking, and a history of Peter Henlein written by Mr. Speckhart himself. Some ancient cuckoo-clocks, whose unvarnished dials show great age, still make a very good effect. A Turk whose jaws move and whose eyes roll when the works in his body are in motion; the dial is on his breast and the arms hold an infant, which he seems to wish to crush on his knees.

There is a magnificent cuckoo-clock much to be admired, with sculptured penthouse, brass weights polished and shaped, the sides of the dial ornamented with figures stamped out of lead or tin and gilded.

Another clock is made in the form of an oil-lamp; on top of a tin cock is a bit of glass work resembling an electric bulb and serving to hold the oil; a thin plate of tin envelops it from top to bottom, carrying the hours in relief; they begin above at eight and follow at irregular intervals, stopping at four.

An etching gives us a portrait of a celebrated watchmaker, Leonard Dilker, of Thumenberg (1536-1603); on his desk is a representation of an ancient round watch, the exact type of that of Peter Henlein.

A chandelier in boxwood is simply a curious alarm-clock whose mechanism is placed in its square base. The alarm is arranged by means of a string and a hook which is fixed in the candle at the required height; when the candle in melting liberates the hook, the latter falls and the alarm sounds.

Prof. Chas. Wolf, of Nuremberg, shows a clock under a glass globe, and having the form of a vase and a rose bush; at the top is a magnificent rose (artificial), in the center of which a butterfly marks the seconds by turning round; besides that, two hands point out the hours, which are written in small figures on 12 petals. At first sight only the rose and the butterfly are perceived, and the effect is very pretty; the works are in the vase below and the movement is transmitted by the twisted stem of the rose bush, which latter is not in the least exaggerated and appears perfectly natural.

J. C. Zanker, typefounder of Nuremberg, shows a great variety of antique and modern dials; there are the stamped dials of the old cuckoos with fantastic designs, style Louis XV.; dials for religious clocks with the hour circle of copper or tin, and the figures chiseled out and then filled in with black. These old dials nearly all have a semi-circular aperture, above the center, in order to show the working of the balance.

There is besides an important series of wooden dials for cuckoo-clocks, made in more modern style than the above, painted in showy colors: bouquets of roses surrounding the door where the cuckoo appears; uncouth designs of landscapes representing windmills; vessels under full sail, which seem to pass over a sea with unnatural colors; ill-shapen old fellows sawing wood, cutting trees in the forest, etc.

All these dials are not worth the old types of silvered or gilded ones, which had a character unknown in our days. The perfect taste which presides over the construction of these dials has disappeared.

Certain of the exhibitors at this Retrospective Exposition of Horology have contributed only a few ancient pieces, displayed in the four corners of their show cases, while the remaining space was filled up with modern productions, the object unquestionably being to profit by the exhibition by advertising their names. The effect produced by this manœuvre is the opposite of favorable.

In the show case of Messrs. Lange & Fils there was a magnificent display of superb watches very well preserved. Some of the most remarkable were: A watch in the form of a cross, of rock-crystal, signed Giovano Battista, of Marirone, 1560, a piece much carried, to judge by the corners, which are worn, but complete, and how rare! It would seem that the date ought to be received with considerable caution, when the pieces of Peter Henlein are considered; I should incline to put it at 1600.

An egg-watch, octagonal in form, signed Gerg Ernest, 1580, having a narrow hour dial in tin, the movement inlaid in a block of crystal; a watch of the same shape, with uncut stones, held by claws, is marked 1520 E. S.; it is a beautiful piece of great value; a piece, also octagonal, Nuremberg, 1520, with a silver dial surrounded by a handsome wreath.

A round table watch (1520, made at Nuremberg, according to the label), winds at the center; the cap which covers the dial is very beautiful; the arms binding the rim are small images chased in a most beautiful manner; a large crown unites them and streamers are distributed through the spaces. The circumference is ornamented



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by personages, holding up the breadth of the dial. An egg watch in open work, case in bronze, in very fine condition.

A small silver watch to be worn at the neck, style Henry IV., in form of a tulip; it opens on hinges placed near the pendant, date 1620. A piece in beautiful condition, having a circular balance without balance spring, silver cock, silver dial with a wreath of flowers and leaves, the hours engraved on a narrow band of brass, a superb hand, a plain case externally, with ribs dividing the caps.

A beautiful Louis XVI. watch showing Adam and Eve on either side of the tree of the knowledge of good and evil, with rubies for apples; a serpent hidden in the leaves springs every hour from the man to the woman. The personages in relief and enameled are very well made, the niche is covered with fine metal lace, and the rest of the case is very beautiful; the uncut precious stones are set in the form of escutcheons.

A piece of extraordinary finish and well preserved, made in 1720 and signed Markwichs Markham, London. This cannot be seen from the side of the dial, but it is beautiful work.

A piece highly enameled and round in form, almost a little apple, with figures of persons finely painted, has by its side its double brass case, the bottom also enameled; signed Jacques Wastern, London, 1680. Two rare pieces, one with a fine round cock in silver, signed François, Dresden; the other, whose movement has an English cock, is marked Johann Melchior Steinmuller.

A superb table watch having a movement in several stories, a piece extraordinary in conception and remarkable in execution, the most beautiful here of its kind, the pillar-plate below supports on tall engraved pillars the pillar-plate of the dial, and between the two are three stories of wheelwork. A glass cylinder covers the whole. It strikes, and the barrels, fastened each to a pillar plate, cause the respective parts to move; the striking bell makes the fourth story, and is also surrounded with a row of columns which support the dial; the latter in silver is very beautiful; in its center are the signs of the zodiac; the whole is supported by six crouching lions. In its entirety it is marvelous, and as a piece of mechanical work without peer. The piece is dated 1550, but I should consider it more recent.

Several enameled watches, perfect beauties, bear the following signatures: Du Pont, Geneva (labeled 1740); Robert Courvoisier, 1800; Ed Robert Theiner, Chaux-de-Fonds; C. B. Freundler, Geneva; Roux, Bordier & Roman, Geneva (1800). This last, in perfect condition, is very curious; the bottom is cut out in fan shape and an enameled personage passes by slowly; arrived at the end of his course, he returns swiftly.

Two other watches originated at Geneva, one an enameled angel surrounded by a splendid portico, is signed Frères Esquivillon et Dechoudens; the other, style Louis XV., brilliants on the hands, bears the name of Fr. Odsac.

A very handsome gold watch of good size shows under the crystal in enamel a garden in which a scissors grinder, in the form of an angel, sharpens arrows on a wheel turned by another angel; a small truncated glass column turns, imitating a fall of water. The whole is probably actuated when the movement runs.

J. Asmann, of Glashütte, shows a watch made of ivory and a magnificent gold watch of 21 lines, signed Du Bois et fils, Paris.

We regret the absence of the remarkable collection of Junghaus frères of Schramberg, which was at Paris in 1900. It has been given to the Royal Museum at Stuttgart.

The finest show case in the Retrospective Exhibition is that containing the superb collection of antique watches of C. Marfels, of Berlin, the promoter of the recent exposition. Some of the pieces of the Marfels collection have been illustrated in a former issue of THE CIRCULAR-WEEKLY, in which the collection was described. He was awarded a gold medal.

[THE END.]

A Unique Clock.

[Written expressly for THE JEWELERS' CIRCULAR-WEEKLY.]

THERE has recently been made by K. Fr. Woessner, St. Georgen, Black Forest, Germany, without the aid of any machine whatever, a highly ingenious and original clock. The work shows a happy variation from the stereotyped appearance of the so-called "Kunstuhren," or artistic clocks, with their 12 apostles and the inevitable rooster, four ages of man, etc.



REMARKABLE HAND-MADE TRIPLE-GONG CLOCK.

All parts of this handsome piece are visible. It has triple gong and four notes to the hour stroke. The works are very solid, with handsomely pierced plates. The clock rests upon an oval pedestal of pretty walnut wood. In the middle below the dial stands a lion, while close by on the ground cowers a python or boa constrictor (not appearing in the photo because added later). When the hour has struck the snake rises up in menacing attitude. The lion then raises himself, too, and roars aloud at the snake threatening him. Behind the lion is another snake. At the right of the work is the large figure of an angel holding an anchor in the left hand. On the anchor above appears the bust picture of the grand-ducal couple, as well as the coat-of-arms of Baden, while a snake is attached to the anchor below. The snake as well as the grand-ducal couple are constantly in motion. At the left of the picture the figure of another angel is seen, holding a bell in the left hand and striking upon it every five minutes with a hammer clasped in the right hand, indicating thereby that earthly life may terminate in that short space of time.

The handsome openwork plates of the clock exhibit the following designs: Below, a small lyre, with rosette; the part containing the mechanism shows a large lyre upon which the hour dial is placed. Just above the minute dial a representation of the Iron Cross (given to German soldiers for bravery) is seen. Higher up we see the double eagle with a woman's head in relief. The number 1905, indicating the year when the clock was finished, is affixed above that, and the sawed-out initials "St. G." (an abbreviation of St. Georgen, the domicile of the constructor) are plainly visible among a number of movable towers embellishing the top of the clock.

Surmounting the whole handsome structure we see, on a prancing palfrey, the doughty knight St. Georg (after whom the town of St. Georgen was doubtless named), and at his feet the dragon. After the full hour has struck the dragon raises himself against the knight and the latter engages in a combat with it, using his lance to subdue it. Palm branches flank this scene, as well as the other groups and figures.

The magnificent structure rests under a large glass shade one meter in height and 60 centimeters broad. All the figures are set in motion by the mechanism, and when everything is in operation the effect upon the observer is very impressive. Much time and untiring labor have been spent upon this unique work, and it may well be termed an extraordinary production of the time-honored horological art of the Black Forest, whose industry has brought forth so many charming timepieces.

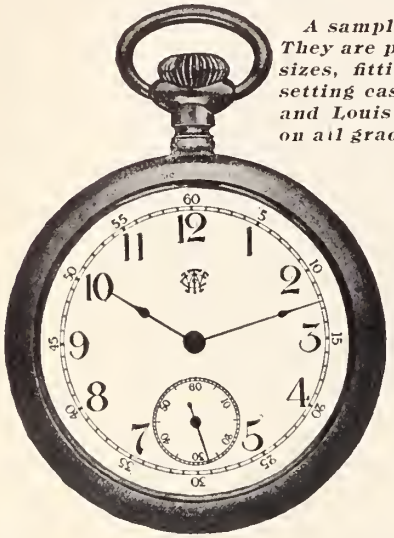
The Watch Trade in Greece.

CONSUL GEORGE HORTON advises that the watch trade is represented by about 40 dealers in Athens and Piræus. Of these only about five or six sell gold watches. The leading dealer, who also does something of a wholesale business, sells yearly from 600 to 800 gold watches and about 8,000 of other varieties. (The addresses of this person and five other prominent dealers are given by the consul, and can be secured from the Bureau of Manufactures.)

Nearly all of the watches sold in Greece are of Swiss or German make. During the five years 1900-1904 985 gold watches were imported from Germany and 2,636 from Switzerland. During the same period over 13,000 nickel and silver watches were imported from Switzerland. Filled or plated cases pay the same duty as solid gold, *i.e.*, 11 drachmas (drachma, 19.3 cents) each. Fourteen and 18 karat gold watches (so-called) are sold here at from 80 to 150 drachmas ($1 = 5.55 drachmas).

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A Rustic Clock Which May Be Used Effectively as a Window Attraction.

OUR show windows, says the *Deutsche Uhrmacher Zeitung,* suffer as a rule from a tiring monotony. Whoever has the wherewithal places the gold watches, chains and rings in the window in great numbers. And in a way it is the quantity that does the trick. One portion of the public is overawed by so much show and dazzling pomp, and, thinking of its purse, continues on its way after having taken its fill of the eye-feast. Others, who can afford to buy, have seen such ostentatious displays too often, for when they have seen three of them they have seen them all. The desire to make an impression by means of quantity is by far too widespread, and usually kills any other more attractive aesthetic means



CLOCK MADE OF RUSTIC WOOD.

to draw attention. True, not every storekeeper is capable of creating novel effects. That the recognition of the shortcoming must be general or else the subject of effective window decoration for the purpose of attracting customers in a subtle or obtrusive manner would not be such a constant topic in the trade papers.

A novel idea in this field is due to L. Boulat, in Constance Department of Manche, France. He calls it a wood-cutter's clock (*"l'Horloge du Bucheron"*). It is apparent at first sight that Mr. Boulat has endeavored to create something that looks as little as possible like a clock and still is one. Four rough beams with the bark on and unplaned surround a base plate upon which is arranged a forest scene on a small scale. We see two tree trunks, ferns and other plants with a miniature lake in the center of the mossy ground. Upon a rock to the right stands a wash tub. From a tube fitted with a faucet a thin stream of water trickles over a spout of tree bark to cause finally an overshot waterwheel to revolve, from which the water flows into the "lake." We have then before us a water clock, or clepsydra, but one that differs completely from all the types known heretofore, for this water clock has a pendulum. As is meet and proper for a "wood-cutter's" clock, the pendulum consists of a fagot, which we see dangling from a branch on a stick stuck through it.

The constructor has very wisely abstained from making use of an actual escapement in such wet surroundings. His pendulum is a conical one, which is far more effective for this purpose. The connection between the scape wheel and the conical pendulum is plainly discernible from the illustration. The arbor of the scape wheel carries a smaller-toothed wheel engaging with the pinion a horizontal arbor, which in turn actuates the vertical wheel, into whose fork the lower point of the pendulum plays. The connection with the dial, however, is not visible. The bucket wheel carries on the other side a double cam which regularly pushes up a vertical arbor. The arbor at the upper end acts upon a clickwork in such a manner as to cause the motion work to advance one tooth each time.

This wood-cutter's clock is regulated by opening the cock of the wash tub more or less as required. The clock is said to use only 1 quart of water in 24 hours (which is doubtless an error) and to keep satisfactory time—at all events, sufficient for a wood-cutter. The pendulum is 75 centimeters in length. The scape wheel makes one revolution every two minutes.

Taken as a whole, the timepiece deserves attention, and much credit is due the originator. His good humor is shown by the sign on the branch, which assures us that we are in the forest, while the genuine materials used prove his good sense. The ivy-covered trunk, the fern, the rock, etc., may well have stood similarly arranged in some remote corner of the woods. Anyone anxious to reproduce this clock should not lose sight of the action of the moisture. A good tight glass shade should cover the whole.

A New Watch for the Blind.

PERSONS deprived of their sight have as much need as others of knowing the time of day, and they could have this privilege by the use of repeating watches—that is, by minute repeaters. But the cost of such watches is so great that they are not within the means of everyone, and the majority of blind persons must content themselves with an ordinary hunter without the crystal, and depend upon the sense of touch—usually developed to an unusual degree—to tell the time by feeling the places where the hands are. But this method is only practicable in the case of the most intelligent of blind persons, and even here errors may easily arise from slight bending of the hands.

In view of the great number of the blind—there are said to be 50,000 in Austro-Hungary alone—it would be well worth while to conceive a watch of such construction that the time could be felt without any risk of error or of disturbing the working; and this has been done, in the most simple and practical manner possible, by the firm of Lukaschofsky & Kiesler, in Vienna. The way to accomplish this had already been indicated by the invention of letters for the blind, and it only remained to discover the signs which would make the invention most useful, not requiring especial mental capacity.

Our illustration shows this watch, which, of course, is in a hunting case. It will be seen that the signs, as far as possible, symbolize the figures represented. A flat rim takes the place of the customary bezel for the crystal. The first six signs are raised (seen in the illustration white upon a black ground). A point stands for one, two points for two, a triangle for three, a square for four, a five-pointed star for five, and a cipher for six. The six following signs are sunken, and follow the same order, namely, point for seven, two points for eight, a triangle for nine, the square for 10, the star for 11, and the cipher for 12. The actual number of different signs is thus only six, and those diametrically opposite



A CONVENIENT WATCH FOR THE BLIND.

are the same, the difference being easily determined by touch. The hands are of extra heavy steel, and the danger of bending or breaking is thus minimized.

The dial plate is manufactured in the size of 19 lignes, and in fact any ordinary hunting watch of this size can be converted into a timepiece for the blind without essential change. The dial can, of course, also be made in any desired size, at greater cost.

Ferroydine.

FERROYDINE is a substance compounded by a Swiss for the protection of iron and steel against rust, etc., by giving them a black coating. It may be used by watchmakers, manufacturers and dealers for the protection of watch cases, chains, etc.

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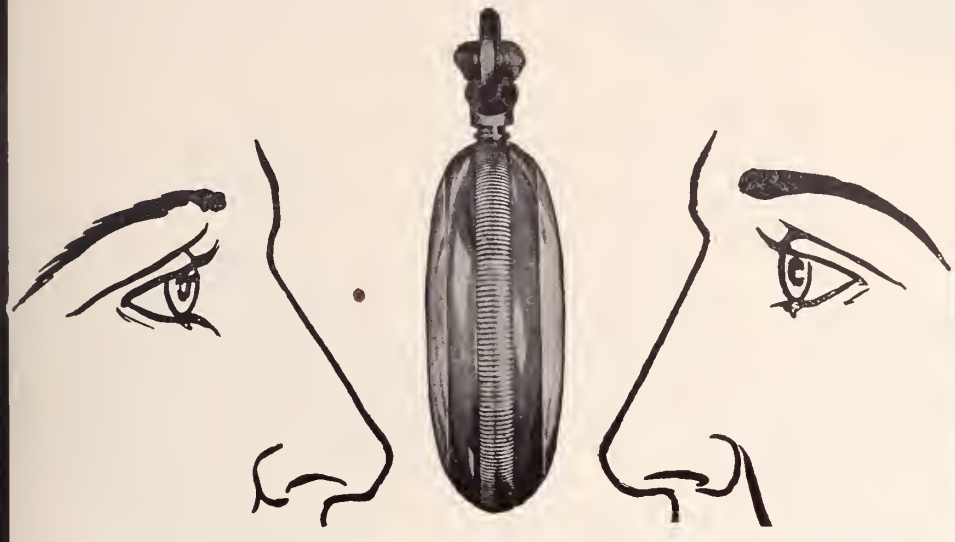
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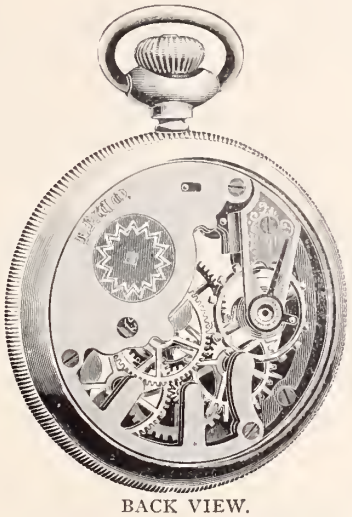
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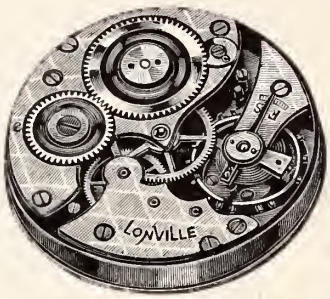
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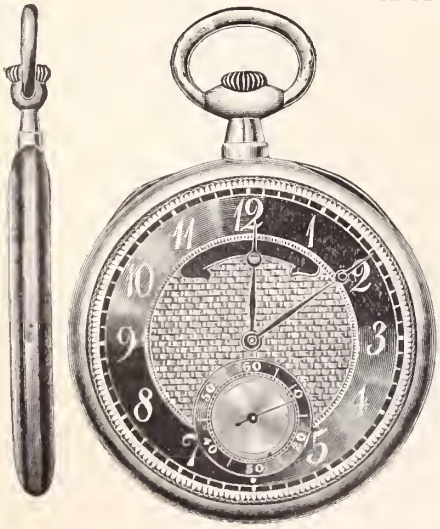
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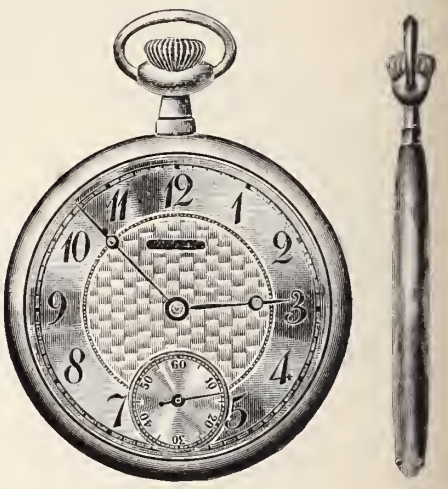
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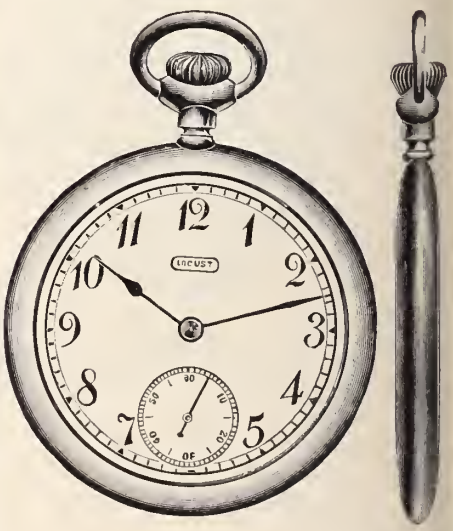
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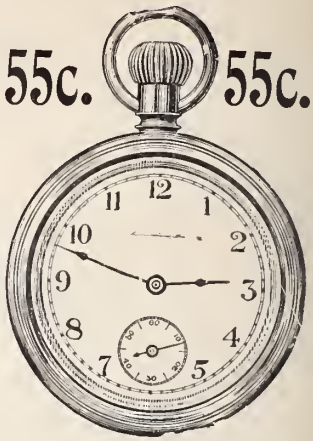
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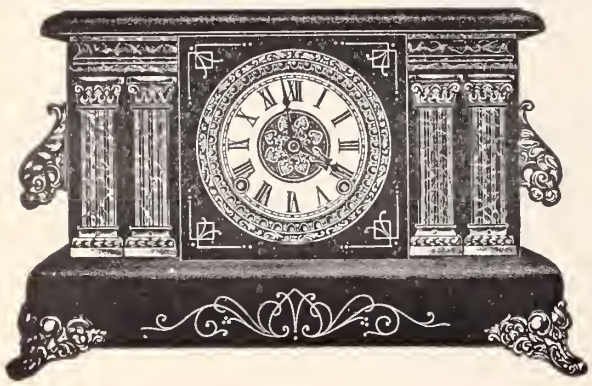
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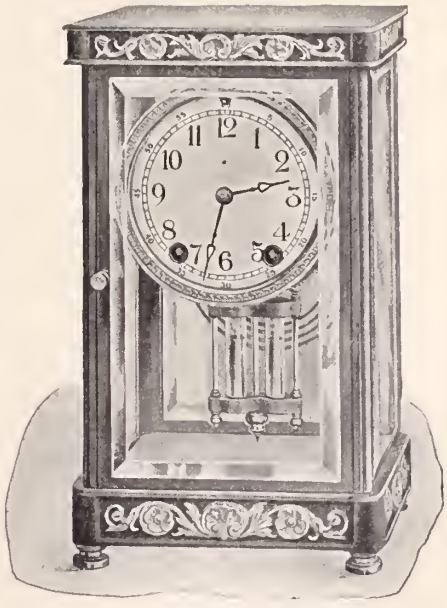
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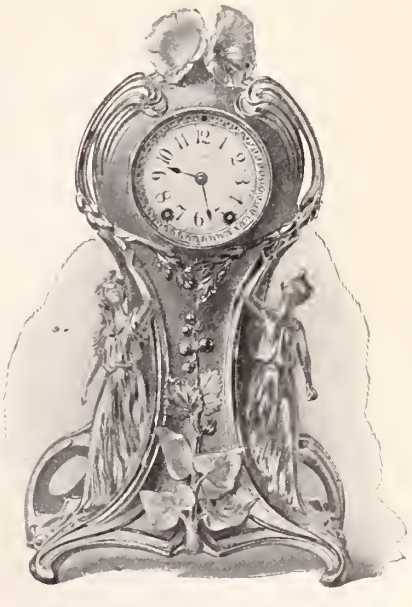
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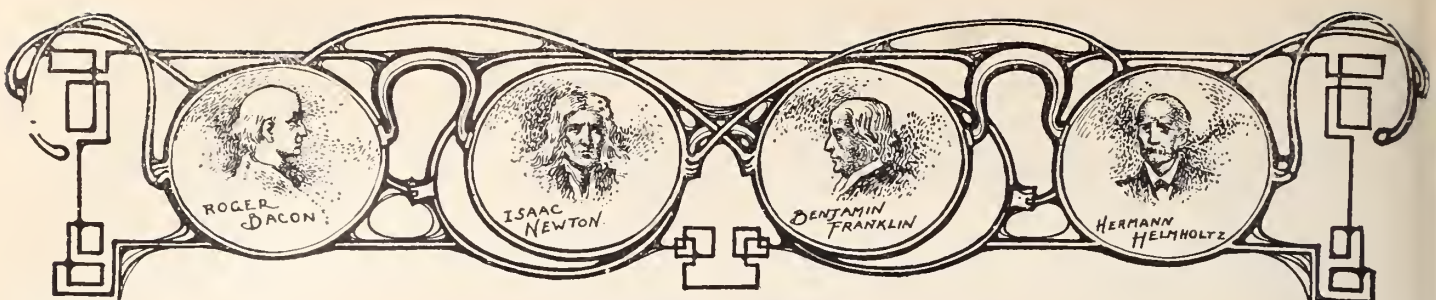
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OPTICAL DEPARTMENT

Anatomy of the Nervous System.

(Lecture recently delivered before the Rochester Optical Society by Dr. Ralph H. Williams.)

(*Continued from issue of Aug. 22.*)

AT the fourth dorsal vertebrate is located the great gastric or nutritional center. It controls the operation of the pyloric orifice of the stomach.

In addition to these centers, which control the more important functions, the spine is mapped out in a definite area, and it is possible to state with a considerable degree of accuracy where the nerves from that portion of the spine go, and what structures they will affect. This is a science almost in itself, and I will not endeavor to deal with it.

PART II.

SPINAL NERVES.

It is important that the double root origin with the distinct function attributable to each root be thoroughly understood for frequent reference will be made to this in dealing with the physiology of the nervous system.

For convenience of description, the spinal nerves may be divided into five great divisions supplying relatively the portions of the body indicated by their names. The cervical, brachial, the dorsal, lumbar and sacral plexuses. A plexus of nerve is an interlacement of nerve fibers or trunks with one another, but does not involve any blending of the nerve tissue. A nerve fiber after its origin in the nerve cell remains intact and retains its individuality until its termination in its end organ or nerve plexus. There is no such anastimosis between nerves as exists between blood vessels. It is for that reason that when nerves are severed the portion of the body to which they are distributed is entirely devoid of that function which that particular nerve affords.

The cervical plexus of nerve is the only one of which the posterior divisions of the nerve are of great moment. The posterior divisions of all the other plexuses are simply short trunks given off immediately after the union of the anterior and posterior roots, and supply the integument over that immediate portion of the back and supplies motor fibers to the muscles.

The posterior division of the cervical plexus contains two nerves of importance, the sub-occipital and great occipital nerves. The former is derived from the first cervical nerve and the latter from the second. They are both larger than the anterior divisions of the same nerve, and are distributed to the muscles under the back of the skull and to the muscles and integument of the scalp as high as the vertex.

It is probably through the close connection of these two nerves with the sympathetic nerves and the superior cervical ganglion of the sympathetic, of which I will speak later, that there is such extensive complexity in neuralgias of the back of the head, which will be actually sore to the touch. It is probable that anything which causes congestion of the medulla oblongata exercises more or less of an irritating influence upon these nerves. That the reverse is true we are able to demonstrate satisfactorily. That is, the blood pressure of the vessels of the medulla and midbrain can be materially affected by pressure upon the sub and great occipital nerves. Mechanically this pressure has an effect to a slight degree only upon the blood supply to the base of the skull. Therefore the only way in which this effect can take place is by way of reflex through these nerves. As this is a matter which involves the physiology more than the anatomy, I will leave it to take it up again later.

The posterior divisions of the lower cervical nerves do not vary from the rest of the spinal nerves, and are of comparatively little interest. They are of importance in their reflex effects, but that will be taken up with the subject of the physiology.

The true cervical plexus is made up of the anterior divisions of the first four cervical nerves. The principal branches of this plexus, 10 in number, comprise four which supply the skin over the sides of the head, all of the neck down to slightly below the collar bone, and out to the point of the shoulders. The deep branches supply all of the anterior and a few of the posterior muscles of the neck. In addition, there is given off from this plexus principally from the fourth cervical nerve, but also receiving filaments from the third and fifth, the phrenic nerve, or the internal respiratory nerve of Bell. This is one of the great, if not the greatest, respiratory nerve. It passes down through the neck lying on the transverse processes of the fifth and sixth cervical vertebrae. In the thorax it gives off a few fibers of sensation to the pleura and pericardium, and passes through the diaphragm and is distributed to the muscles on its under side. It also sends a small filament to the solar and hepatic plexuses of the sympathetic. It is practically the sole source of nerve supply of the diaphragm. Excitation of the lower dorsal nerves will cause slight contraction of the border fibers of this muscle, but it has been demonstrated that a section of the phrenic nerve is followed by death in a very short time. The operation of the muscles of the chest wall which are involved in respiration are not sufficient to carry on the function without the assistance of the diaphragm.

This is also the nerve that is involved in the act of hiccoughing. This action is a spasmodic affection of the phrenic nerve due to irritation at some point in its course. It is a well-known fact that the exciting cause may disappear entirely, and yet the hiccoughing continue. The phrenic nerve seems to be so methodical and rythmical in its own action that when started in an improper course it maintains it with the same tenacity that it exhibits in the performance of its usual duties. The causes of hiccoughing are various. It is usually excited by pressure from below the diaphragm. It is for that reason that the act of slowly drinking a glass of water will often stop it. A very easy and exceedingly effective method of stopping this distressing condition is to bring pressure to bear on the phrenic nerve in its course through the neck. This is best accomplished by grasping the nerve between the thumb and the transverse process of the fifth cervical vertebrate. This can readily be done by slipping either the thumb or finger in behind the sterno-cleido-mastoid muscle at the level of the fifth vertebrate and bringing pressure directly back upon the process. You cannot miss the nerve, and nothing but a hiccough due to grave abdominal or cerebral disease can withstand it.

The brachial plexus or nerve which supplies the arms and the walls of the thorax is derived from the fifth, sixth, seventh and eighth cervical and first dorsal nerves. These five nerves are so divided and united that they form three main cords of the brachial plexus, the outer, inner and posterior cords, and from these cords all of the nerves supplying the arm are derived. Before division and union into these three cords the component nerves of the plexus give off nerves which supply the longus colli, scaleni and rhomboidei muscles, and the muscles of the posterior surface of the scapula. The most important branch, however, is the long posterior thoracic nerve which supplies the serratus-magnus muscle.

Below the clavicle are given off the anterior thoracic nerve which supplies the pectoral muscles on the front of the thorax, the sub-scapular nerve supplying the muscles underneath the shoulder blade, and the circumflex nerve to the shoulder joint and the muscles covering it. The remaining trunks of the brachial plexus are the musculo cutaneous from the outer cord which supplies the muscles on the anterior aspect of the arm and the skin over the outer side of the forearm and thumb.

The internal cutaneous from the inner

Optical Department.

cord supplies the integument of the inner half of the forearm.

The median nerve passes from the outer and inner cords and supplies the pronators and flexors on the anterior aspect of the forearm and the first two lumbricales. It is distributed to the integument of the thumb, two and one-half fingers, and the radial side of the palm of the hand.

The ulnar nerve from the inner cord passes down behind the elbow joint and is distributed to the elbow and wrist joints to some of the muscles on the ulnar side of the forearm and to the ulnar side of the hand and the two last fingers.

The musculo-spinal nerve is derived from the posterior cord. It winds around the back of the arm to its outer side at the elbow, supplying in the arm the great extensors and one of the flexors of the forearm, the supinators of the hand and an extensor of the wrist. At the elbow it is divided into the radial and posterior interosseus. The former supplies the outer side and ball of the thumb, and the dorsal surface of the first two fingers. The posterior interosseus supplies all of the muscles on the back of the forearm—that is, the extensors of the wrist and fingers.

The dorsal nerves are 12 in number, and make their exit below the 12th vertebrate. As has been before stated, the posterior divisions of these nerves are anatomically unimportant, as they are small and short, being distributed to the muscles and integument of the back. Physiologically they are of more importance, and they will be taken up again later.

The anterior divisions of the dorsal nerves constitute the intercostal nerves. They are distributed principally in the walls of the thorax and in the abdomen, separately from each other, there being little tendency to join in plexuses. The second dorsal nerve sometimes sends a branch across the axilla to the inner side of the arm.

The anterior division of each of the dorsal nerves is connected by one or two small filaments or rami-communicantes with the sympathetic nervous system. These thoracic connections between the two systems are exceedingly important, for through them the great sympathetic nerve centers of the abdomen are connected with the cerebro-spinal system and with the brain. The importance and significance of this connection will be dwelt upon later.

The dorsal nerves are properly divisible into two divisions—the upper and the lower six nerves. The upper six are distributed solely to the walls of the thorax, each nerve passing between a pair of ribs and supplying just that immediate vicinity. The lower six nerves supply the walls of the thorax, and also the abdominal walls as low down as the pubis. The sixth and seventh nerves supply the pit of the stomach, the 10th to the umbilicus, and the 11th as far down as the pubis, while the 12th sends fibers downward to the surface of the hip anteriorly.

Pain manifested in the course of these nerves can usually be traced to some affection of the nerve in its course or in the spinal cord at its origin, as in shingles, Pott's disease or tabes.

THE LUMBAR PLEXUS.

The lumbar nerves are five in number, the first making its exit from the spinal column between the first and second lumbar vertebrate and the fifth lumbar nerve from between the last lumbar vertebrate and the sacrum. The roots of the lower lumbar and sacral nerves are the largest, and their filaments the most numerous of any of the nerves of the body. You will bear in mind that the spinal cord itself terminates at the lower border of the first lumbar vertebrate, so that most of these nerves pass down the spinal canal for a considerable distance before making their exit. The roots do not join, however, until just as they pass through the intervertebral foramen.

The posterior divisions of these nerves, like those in the dorsal region, are small and comparatively unimportant, as they only supply the muscles and integument in their immediate vicinity.

The anterior divisions of the first four lumbar nerves unite to form six large nerves of considerable importance. The fifth lumbar nerve passes down and joins the first sacral nerve in forming the sacral plexus.

All of the lumbar nerves communicate with the sympathetic system through the lumbar ganglia of the sympathetic.

The important branches of this plexus are as follows:

The ilio-hypogastric nerve to the lower portion of the sides of the abdomen and to the regions gluteal.

The ilio-inguinal to the groin, a portion of the front of the leg and the integument of the scrotum.

The genito-crural nerve to the spermatic cord, the muscles of the scrotum and to the front of the thigh.

The external cutaneous nerve supplies the front and outer side of the thigh.

This upper anterior lumbar nerve also supplies the quadratus lumborum muscle in the back, together with some of the abdominal muscles.

The obturator nerve, which is derived from the second, third and fourth anterior divisions, passes out through the obturator foramen, and is distributed to the muscles of the hip-joint, to the adductors of the thigh, and to both the hip and knee joints and terminates on the surface just below the inside of the knee joint. It is this nerve which is usually involved in hip-joint cases where the only evidence of difficulty in the hip is the pain at the termination of the obturator nerve.

The anterior crural, the largest nerve of this plexus, is derived from the second, third and fourth lumbar nerves, and is distributed to practically all the muscles on the front of the thigh, including the flexors of the thigh and the extensors of the leg, and supplies the integument of the front and inner side of the thigh and the inner side of the leg and foot. Its long saphenous branch, which supplies the inner side of the great toe, is the longest nerve in the body.

(To be continued.)

Ensign S. Wright, Georgetown, Colo., has sold out.

Arthur West, Palisades, Colo., has moved to Glenwood Springs, in the same State.

The Care of the Eyes of School Children.

(By S. S. Bishop, M.D., Harrisburg, Pa., in the *Ophthalmic Record.*)

(Continued from issue of Aug. 22.)

IN 1875 the Board of Public Education of Philadelphia proposed a series of questions to the teachers of that city, one of which was as follows: "How many children in your school are known to you to have weak or sore eyes, near-sight, or other defects of vision?" To which one teacher closed her reply with the following statement: "You will notice that at present, in the second division, only two pupils' eyes are affected; by the time that class is ready for promotion as many as one-third of the whole number will be so suffering from weakness of vision as to occasion considerable manœuvering on my part to seat them in such positions as to enable them to copy from the blackboard."

Within the past year the following statement was made by an eminent German doctor, Myer, in a German medical journal: "The nervous diseases of school children is an interesting question from a point of view of one who has had exceptional opportunities to observe the frequency with which children are affected with nervous affections. Eighteen hundred and fifty-seven school children were so examined, with the result that 130 were found to be nervous, which is 7 per cent., and out of a material of 1,068 that had never gone to school, 2.6 per cent. were nervous. The author believes that the chief cause of development of nervous diseases in school children is found in inherited tendencies to which the school acts as an active awakening to the congenital defect."

In America the per cent. is much higher. A statement has been published recently that out of the 162,000 school children in Philadelphia, 80,000 were nervous or had eye trouble. Dr. Darlington, health commissioner of New York City, made the statement, within the past month, before the Academy of Medicine of Harrisburg, that 40 per cent. of the school children and 98 of the truant children of that city were physically defective.

THE TEACHER'S DUTY TO THE CHILD.

It does not fall within the province of the physician to sit in judgment upon the methods adopted by the teacher in the school; but when physical injury is likely to occur as a result of methods that are, or are not, employed, the medical profession should insist upon the abandonment or adoption of methods which will prevent injurious effects of school life.

For when we consider that the destiny of this nation will be committed to those who are now in its schools; that a happy and useful life and a peaceful senescence depends upon the health of the individual, it is obviously important that every effort should be put forth to prevent physical degeneracy, and, as far as possible, side-track inherited tendencies during the years of physiological growth, which are the years of school life. A child should not be allowed to drift down the stream of life to physical inefficiency, but the teacher should come to his rescue in any moral, mental or physical defect which has been acquired or inherited, by piloting him up stream to the

Optical Department.

hills wherein lie the hidden treasures of physical strength.

Education does not consist simply in the acquisition of knowledge. The great idea underlying all instruction should be to fit and stimulate the scholar, according to his individual ability; this, of course, requires teachers of intelligence and discernment, to whom their calling is not merely a routine business; many who are well qualified for the moral and mental training of children accept the important responsibility with no knowledge of physical condition, or whether a child is physically equal to the requirements of school life.

The teacher should see that the book is held at a proper distance, in a good light, and a study of facial expression and head posture be made. He should familiarize himself with symptoms of eye, ear, nose and throat defects, so that, while he cannot make a diagnosis, he *can* know when there is something wrong. Subjective observations of physical defects are much more practical and trustworthy than a few stilted questions concerning objective conditions; therefore the teacher, who is in constant touch with the development of the child, can make the manifest examination much better than an oculist detailed to the school for that purpose, and whose examination must necessarily be made while the child is more or less under the influence of nervous fright.

Children should never be condemned or discouraged on account of any weakness, but should be encouraged by an extra effort being put forth to strengthen weak points. Much depends upon the way a child is started. It may be thought he has no turn for mathematics, when the sole trouble is that he does not see the figures correctly; some children with astigmatism cannot distinguish 3 from 5, 6 from 8 or 9, and consequently never have the correct answer to an example. A philosophic and intelligent dealing with this condition would prevent many from selecting a vocation in life which is distasteful, and which was chosen by them from supposed necessity; from this cause the shore of life is strewn with wrecks.

In 1881 a publication appeared on "Weak Eyes in the Public Schools of Philadelphia," by S. D. Risley, of that city. In 1893, 12 years later, Dr. Risley inquired of the supervising principal of the Francis M. Drexel School about the condition of the eyes of the 1,300 children under her care. She replied as follows: "We have much less difficulty in that respect than formerly. Almost daily some child is sent to me complaining of his eyes. In all such cases I send them home with a note requesting their parents to have their eyes examined. We miss them from the class for a few days, when they return with a pair of spectacles, and we hear no more complaint."

It is not enough, however, when dealing with children to simply adjust glasses suitable for the correction of the error of refraction, for while the eye is strained, and disease produced as the result of optical defects, the eye trouble may be due, in part, or entirely to enervation of the eye muscles from constitutional causes. Many children are either under or overfed, or are allowed to eat candy in excess; others live in insanitary houses, or are victims of unwholesome habits.

Some are ambitious and pore over books in the evening, often in a badly ventilated room and with a poor light, or rush to school in the morning without breakfast, and in consequence are not able to stand the strain of school life.

In nearly every one of these cases an error of refraction exists, but in many it is so slight that in all probability, were the habits correct, the eyes would give no trouble, and under these circumstances the relief afforded by glasses only encourages the child to struggle on to a more serious breakdown. This is nothing less than the removal of Nature's red flag of warning. Glasses should never be prescribed without taking the physical condition into serious consideration.

In a conversation with Dr. Berry, of Edinburgh upon this subject, he remarked that the simple natural life of the people of Scotland made it unnecessary to prescribe glasses so generally, and added, however, in strenuous America, with your habits of rush and hurry in every department of life, and the consequent wear and tear upon the nervous system, the use of glasses to relieve strain may be an imperative need.

From 21 years' experience in the medical profession, 12 of which have been devoted to the eye, I am convinced that if our school curriculum was reduced, or made more elastic, or the school work made partly industrial, it would be much better for our country.

When a child enters school an estimate of his general strength should be made, for it is most important to remember that though the demand made by work upon the muscles of the eye may not be unreasonably great in itself, yet it may be altogether excessive in relation to the individual to whom it is made. Many children enter school in more or less enfeebled health, and their work must be adjusted accordingly, or they will be condemned to the stern law of the survival of the fittest.

Children having sore or inflamed eyes should not be allowed to enter school without a certificate from a physician to the effect that the disease is non-infectious. Unless the child has a certificate stating he is under the care, or has been treated by a competent oculist, the acuity of vision should be taken by the teacher when he enters school, or at any time when there is suspicion of something being wrong. For the purpose of testing the acuity of vision, a test card should be in every room; the child seated 20 feet from the card, and each eye tested separately, by holding a small card over one eye.

If the 20-foot line cannot be read at 20 feet by both eyes an oculist should be consulted, as near-sight is in all probability developing. If the 20-foot line is read by both eyes, they may, and they may not, be normal; the acuity of vision may be abnormally maintained by muscle adjustment, which will sooner or later result in eyestrain.

If the 15-foot line is read at 20 feet, in my experience it has indicated an alert and active brain and retina; but if the 10-foot line is read at 20 feet the family physician should be consulted, as the retina is irritated, and very probably from constitutional disturbances.

A child should be encouraged to form regular habits. The world does not depend upon the genius; nor should the prodigy in the class, who studies at the expense of his health for the popular applause, be set upon a pinnacle as an example for other pupils. Regularity of habit, work well done, promptness, should be the standard, and if a child falls behind, lacks ambition, is listless, drowsy, has symptoms of eyestrain, or manifests any nervous symptoms, his parents should be urged to have him intelligently looked after and treated.

Parents invariably feel grateful when interest in their children is manifested. I never knew one to object to or resent an approach of this kind, unless it was done in a spirit of fault-finding, or pointing out defects in a way which savored of criticism, ridicule or condemnation. Careful observation, intelligent care and treatment will amply repay the teacher, not only by the increased learning capacity of the pupil, resulting in much less tax on the teacher's own time, patience and endurance, but he can enjoy the far greater reward of knowing he has helped to properly equip children for useful life work.

When Dr. Bishop states that "the optician is to the oculist what the druggist is to the physician" he errs, either in judgment or in justice. The druggist knows the qualities of his drugs, but does not know what effect they have upon the human organism, whereas the optometrist (whom Dr. Bishop means to include in the term optician) not only knows the value of his lenses, but knows also, as well as, for instance, Dr. S. S. Bishop, the effects these lenses should produce upon the visual apparatus. Dr. Bishop's very first statement is "The eye is an optical apparatus in the body, a camera composed of living tissues." Surely opticians know something about cameras.

His tirade against the use of the terms "Eyesight Specialist," "Optometrist" "Optical Graduate," etc., is likewise unjust. There is not the least ambiguity in the term eyesight specialist; it and the others are plain terms, and we cannot avoid having them used by a few unscrupulous fakers, any more than Dr. Bishop and his confreres can prevent some unscrupulous quacks from calling themselves M.D.'s.

One of the main objects of the Optometry Bill is to shut out all those unqualified to practise optometry as it should be practised—honorably and understandingly. E. L. R.

[THE END.]

Dr. William Robertson reported from Durham, Natal, in the *British Medical Journal* recently, a very perfect example of that rare vestigium, a third eyelid. The subject was an adult male Indian. The supernumerary eyelid was situated under the right upper eyelid and protruded when the eye was in natural function 2 mm. beyond the margin of the natural lid. It was normally sensitive and cartilaginous to the touch.

Optical Department.

Optical Work as a Side Line for Jewelers.

(By W. B. Ankeny, Corning, Ia., before the recent convention of the Iowa Retail Jewelers' Association, in Des Moines, Ia.)

THE few remarks that I shall make are supposed to be addressed to jewelers and not opticians, although I am aware that at least a few and probably a considerable number are opticians.

We are living in an age of wonderful progress. It is difficult that it is but a little more than half a century since the first railroad was built, while now they form such a network over this country. It is within my recollection that the Burlington was the first to cross Iowa, extending its line through to Council Bluffs. I can recollect how strange it seemed that men could propel and ride a vehicle on two wheels, one in front of the other—the bicycle; also the introduction of the telephone, and we can all remember distinctly how it was discredited when the statements came out in the press that methods were developed whereby messages could be transmitted through the air, through buildings, etc., without wire or other artificial connections. All along the line there is progress; therefore, you cannot keep up-to-date unless you, too, are very progressive.

Fifteen years ago—yes, less than that—there was practically in every jeweler's store, and a great many drug stores, a stock of mounted spectacles and eyeglasses. In the frames the lenses for both eyes were supposed to be of equal strength, but frequently were not. They were spherical and nearly always double convex, and of rather poor material. From these stocks the great mass of spectacle wearers selected their glasses as well as they could from the standpoint of improvement of vision. They knew nothing of eye strain and its reflexes, for which a very large per cent. of the glasses now are used, and the dispensers of these glasses knew practically nothing of the art of fitting the same and less of eye defects.

Probably a few years before this there were oculists in the cities who were giving attention to refraction, and it was about this time that some optical colleges were reformed, among the earliest and probably the most prominent of which was the Chicago Ophthalmalic College, under the management of Dr. H. M. Martin. These colleges began to send out their graduates, nearly all of them being jewelers, and this was the impetus to the great progress of recent years in the optical profession. You may wonder somewhat at this statement, but you probably are aware of the little time and attention given to refraction in the medical colleges and even to those that take the special course on the eye, and they are turned out as oculists.

The oculist never advertised. The opticians began a campaign of advertising which has been the real means whereby the public has become educated to the necessity and advantages of glasses. As before stated, people bought glasses merely to improve vision, high degrees of hypermetropia, myopia and presbyopia; now they buy them not only to improve vision but to give them restful vision and relief from those nervous strains that manifest themselves in so many ways as the result of uncorrected eye defects.

This was brought about by the jeweler-opticians. I presume it is safe to say that seven years ago there were very few exclusive opticians in the State of Iowa, and, in fact, in the United States. To-day nearly every city of any considerable size, and especially in the north, has them; yet comparatively few towns under 2,500 or 3,000 population have. Now the question arises, what are the people of this large unoccupied territory going to do for glasses, if the jewelers do not fit them? Thousands will suffer the inconvenience of doing without them rather than go to the expense necessary to reach the city oculist or optician, so that it is very clear that there is a field for the jeweler-optician.

Then comes the question, what should be expected of the jeweler-optician—his preparation, qualifications, etc.? Should he take it up merely to add a few dollars to his income in a commercial way, or as a profession? My reply is, the man that does not enjoy the profession or is not trying to learn to enjoy it, but is merely fitting glasses for the money that is in it, is in no sense of the word fit for the profession and will only be a disgrace to it.

I believe that the average jeweler, if he is willing to spend a little money and devote the time for preparation, can within a reasonable time qualify himself for good work. He has one important advantage over the average exclusive optician or oculist—that is, his mechanical skill or training as a result of his profession enables him to adjust the frames with accuracy, which is important not only because of improved appearance, but more especially because it is necessary in order to get best results.

I presume there are many jewelers who are practicing optics within the State of Iowa who have not had special instruction, but are working on the knowledge gained by home reading or study. This is a mistake; that is, it is a mistake to continue that way. It is too slow, although you may be a good student. Your loss is too great. You are losing time and money, and never will be as competent as you might be. Select what you consider the best optical college, take a full course, and it will prove a resource to you, not an expense.

To the jeweler that has not taken up optics, but contemplates doing so, I would give the same advice, with this exception. First of all, buy and read carefully one or more of the standard books on refraction, study the anatomy of the eye; and then, when you go for your college course you go prepared to get all there is in it.

After you have fitted yourself to take up the profession, by all means fit up your store so that you can practice it. Don't try to fit behind the counter, but have a department in your store for optics. Have a dark room and use it; fit with a retinoscope, if possible. Use the best of material in frames and lenses. Get good prices, but not exorbitant. Advertise, but advertise what you are, and not as a quack doctor.

The business formerly carried on by C. C. Hayes, Kent, Wash., is now continued as C. C. Hayes & Co.

Fluid Lenses.

IN the manufacture of optical instruments there has heretofore been a limiting factor. This limit was due to the fact that if an attempt were made to produce large lenses the costs and imperfections made it an impractical undertaking. One of the largest, if not the largest, lenses made has a diameter of about five feet, required several years in its making, and cost thousands of dollars.

It is now reported that lenses can be made of a fluid substance enclosed between two unusually hard glass surfaces. The lens so made is said to be achromatic and free from the other defects usually accompanying glass lenses. Where it took years to grind glass lenses, it takes weeks only to make the new forms, and the cost of the latter is about a one-hundredth part of that of the former.

Fluid lenses can be obtained with three times the diameter of the largest glass lens ever made. Lenses of this kind of smaller diameter for photographic purposes, opera glasses and reading glasses can be obtained at proportionately low cost. The fluid used is not affected by light or temperature and does not evaporate.

Recent Optical Publications.

ANATOMY AND PHYSIOLOGY OF THE EYE. By Earl J. Brown, M.D., and W. D. Zoethout, Ph.D. (U. of C.). Octavo, illustrated, 240 pages, bound in cloth. Price, $2. Published by Hazlitt & Walker, Chicago.

This book is divided into two parts. The first part, by Earl J. Brown, M.D., treats of the embryology, anatomy and histology of the eye, while in the second division William D. Zoethout, Ph.D., deals with the physiology of vision.

The illustrations of Part I. are of special interest, numbering 84, many of them having been made from transverse sections of the human eye enlarged by micro-photography. Dr. Brown has lectured so frequently upon this subject before optical societies that few readers will fail to recall him and his work, and the book is a collection of all these illustrated lectures. Chapter 1 deals with the embryology of the eye, starting with a single cell and showing its development into a perfect eye. Chapter 2, entitled "Anatomy," describes the parts of the complete, fully developed eye, and Chapter 3 deals with its histology.

The able manner in which the various parts are illustrated and described makes it easy for the reader to comprehend these rather difficult subjects.

The physiology of vision is a marked deviation from the usual dry description of refractive principles, and tells clearly and interestingly how and why we see. This section contains 62 diagrams, making, in all, 146 illustrations. Color phenomena receive careful attention herein, and, on the whole, the book will prove a valuable adjunct to any optical library.

Harry I. Marks, Carlisle, Pa., is the possessor of 20 homing pigeons which he is training to fly great distances. Last week Mr. Marks dispatched the birds to Bristol, Tenn., a distance of over 500 miles. The flight was made in a very short time.

S. MARTIN

The Jewelers' Auctioneer

840 SUMMIT AVE., MILWAUKEE, WIS.

Sales taken only from jewelers of high-class reputation. ::: My reference is Mermod, Jaccard & King Co., St. Louis, Mo.

46 out of 99 PRIZES

were awarded to

PATEK, PHILIPPE & CO.

In the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

68 NASSAU ST., NEW YORK. GENEVA, SWITZERLAND.

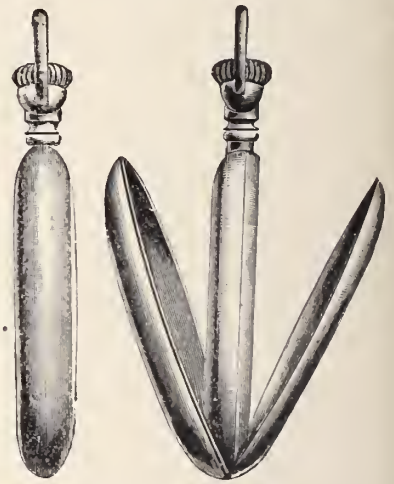
MOST COMPACT

AND THINNEST
DUST-PROOF

OPEN FACE
GOLD CASE

MADE IN THE WORLD
FOR
AMERICAN MOVEMENTS.

Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

DUBOIS WATCH CASE CO.

21 Maiden Lane, New York.

JULES JÜRGENSEN

Watches and Chronometers

PARIS—"THE GRAND PRIX"—1900

SOLE AGENTS

RUDOLPH & SNEDEKER,
65 Nassau St., New York

LEARN WATCHMAKING AT HOME

by THE De SELMS CHART SYSTEM, copyrighted and patented. The most simple, practical and up to the minute method of learning.

Saves you time and money while learning and puts you in a position to more than double your income.

50 million timepieces to be repaired. Accurate time is a necessity in the business world. When time is money the watchmaker gets his share of profit. Positions for graduates. Booklet free. Write to-day.

The De SELMS WATCH SCHOOL,
109 Perry Street, ATTICA, INDIANA.

MAEBERT & REISS
TRADE WATCH MAKERS

We do trade work all over the United States.
Fine Work, Low Prices, Quick Returns.

Give us a trial. We beat them all

71-73 NASSAU ST., NEW YORK

Learn Watchmaking

Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address

St. Louis Watchmaking School, St. Louis, Mo.

WATCHES OF PRECISION.

Mathey Bros., Mathez & Co.

WATCHES DEMAGNETIZED.

Manufacturers and Importers of

Superior, Plain and Complicated Watches.

Sole Agents for

CHAS. H. MEYLAN.

SMALL WATCHES A SPECIALTY.



12 SIZE MOVEMENTS.

Brassus, Switzerland 21 MAIDEN LANE, NEW YORK.



12 SIZE SPLITS.

Eliasoff Bros. & Co.

IMPORTERS AND JOBBERS OF

DIAMONDS
WATCHES
JEWELRY

A LARGE ASSORTMENT OF DIAMOND MOUNTED JEWELRY CARRIED IN STOCK.

9-11-13 MAIDEN LANE,
NEW YORK.

100 STATE STREET,
ALBANY, N.Y.

RETAIL JEWELERS ADVERTISING

The use of this department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters as full and particular as you desire. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed several weeks.

Brevity, the Lost Virtue.

"BE brief; cut out the unnecessary words; remember, the story of creation is told in Genesis in six hundred words; be concise; be succinct; be direct and to the point; tell your story as briefly as possible——"

These were admonitions once considered essential for every advertising writer. Brevity the cardinal virtue in advertising—if you had that, you had everything, and all else would be right.

What has happened to Brevity? It used to be widely in evidence. The advertisement of 10 years ago was too brief, if anything. A man put his whole store into a word—"Groceries." He told his entire story of quality in a word—"UN-X-LD." He gave prices in a single word—"Cheapest." The only detail that wouldn't go into a word was the firm name. Some houses shortened it for Brevity's sake. But what has happened to our friend Brevity of late? There isn't any more of it in the advertising situation since the reason-why germ was isolated.

Formerly it was sufficient to say "Little liver pills cure all ills." But now the liver pill man writes medical treatises in simple "Say, Bill" language. "Be long-winded and simple," has replaced Brevity with him. In days of old a merchant took a few inches single column to announce a few bargains. Now he takes a page and lays down the "policy of the house." Be long-winded, use long words, use too many rather than too few, is the rule that *he* appears to go by. His announcement reads like the Declaration of Independence. It makes him the biggest thing that ever happened and dismisses all his competitors to the tall timber.

A magazine page used to be just big enough to contain a picture and 50 words. But nowadays advertisers get the story of creation onto half a page and have room to illustrate it. A newspaper page was formerly considered effective when it bore no more than a hundred words in poster type. The nearer it came to knocking your eye out when you opened the paper, the better that advertiser was pleased. If he could see a man way down the car turn up that page—O, joy! But now Mr. Post takes half a newspaper page and fills it full of advice, warnings and dreadful examples for the coffee fiend who won't quit, damn him, or speaks in a fatherly way to the public on the labor question, beginning his six solid columns of minion talk by telling them they are minions and slaves.

Was Brevity no good, after all the old advice? Has it gone out of advertising permanently? If it wasn't good, then it must have been downright bad. In the days when the elder Powers set the advertising pace, and was the Supreme Grand Master of all good advertising men, Brevity held a high place in everyone's regard. Some of the old gentleman's copy was so brief as to be obscure. Yet he wrote it with the notion that the public could see a point once in a while, and people responded to that sort of advertising, so they must have seen.

Nowadays, though, all the copy writers seem to be working on the belief that the public is an ass and doesn't know anything, and has to be informed. So ads. are all text books in matter, and novels in length.

"Who the devil reads such a screed?" said the Advertising Critic to himself one night when the evening papers all had a long labor argument of Mr. Post's. There must have been 5,000 words of it if there were a dozen. One glance at the heading was enough for the Advertising Critic.

But that same evening going out on the train several acquaintances asked if he had read it. One man had got through two columns and was tackling the third. Going home from the station in the trolley he read half way down the fourth, and then put the paper by for the next day, which was a holiday. That fellow read it all and thought it gospel. Doubtless his wife a month before had gone as conscientiously through the same leisurely author's arraignment of cooking school teachers who say Grape Nuts are sawdust.

Somebody reads it all—the screed of the Paint Man, the explanation of the Lithia Man who tells how pure food poisons you, the heart-to-heart talks of Susanna Cocroft, who wants to make everybody look like herself, the dry-looking history of Old Hampshire Bond, the automobile man's machine talk, the Pianola's many pages of reasons why you should emulate Paderewski. Somebody patiently goes through all the four-page "readers" that state how watches, shoes and clam chowder are made and why, with each statement carefully polished and edited by a board of directors so that the life is gone out of it.

Somebody reads all the confidential talks written by the editors of the magazines, in which the reader is taken aside and given the quiet tip that this is the best number the editor ever got out, and is permitted to put a few friends next to the fact that the following issue is going to be better yet. Somebody reads it all. Somebody is forever hard up for something to read, seemingly, and it doesn't matter how long you spin it out, or how dull you make it, if you put it where somebody can get hold of it. This new discovery in advertising is rough on our old friend Brevity. Once the idea was polish, cut, choose and abbreviate, pick the shortest words, imitate the Bible and John Bunyan in advertising. Make your ad. so short and clear that he who runs can read.

But nowadays the idea is to spin it out, drag it along, begin way back of the beginning and come up zigzag; pad the middle; don't put on the end at all, but continue it in our next. You can't make it so long but somebody will read it, and instead of a few concise statements that they will catch with half an eye and forge the next minute, built an ad. that a man will have to take his coat off to read. Instead of making your statements clear, leave them a little involved, so he'll have to read 'em twice to make sure of the meaning. Instead of easy reading give him something that will make him ride by his station.

Brevity was all very well enough in the dawn of civilization, but nobody wants it now in advertising.—*Printers' Ink.*

What Some Jewelers Say.

ENGRAVED Wedding Stationery.—Our engraving department is under the supervision of an officer of our corporation, and every order receives his personal attention. He has exercised great care in the selection of the stationery used and his taste may be safely relied upon. Invitations and announcements range in price from $7.50 upward, and a wide variety of samples for any occasion will be forwarded you promptly upon receipt of request. If our work is not fully as good as the samples submitted, no charge will be made. Samples of engraved calling cards, wedding invitations, monogram note paper mailed anywhere. Our general jewelry catalogue contains 128 pages of half-tone reproductions of our mail order stock. Ask for Catalogue No. 17.—Geo. T. Brodnax, Inc., Memphis, Tenn.

You may not be fortunate enough to ever find a dollar. But you can often save a dollar or more by trading at Lee's jewelry store, 282 High St. Table ware in sterling silver and in best plate. Wedding rings, best quality. Fine timekeeping watches at money saving prices. Eyeglasses fitted and furnished promptly.—A. E. Lee, Holyoke, Mass.

Diamond Confidence.—The novice must depend largely upon the large experience of the dealer, for a stone's quality and worth. Prices differ even in stones of the same size—due to quality and cutting. Buying diamonds as we do, to supply wholesale and retail—we buy in larger quantities and receive better prices. Your confidence in our diamond values is not misplaced. Engagement rings, diamonds for wedding and graduating gifts, $15 to $300.—Hofman Jewelry Co., Columbus, O.

Diamond Engagement Rings.—When you select this important piece of jewelry from our stocks you are choosing from the largest in town, and you are sure of getting an honest value. Our position as the only direct importers is one to consider well. —Sam F. Sipe, Pittsburg, Pa.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

An Attractive Store in San Diego, Cal.

C. W. ERNSTING, San Diego, Cal., has remodeled his store and added a new set of mahogany fixtures. This is now as handsome and attractive a store as could be desired. The owner has shown by his clever use of material, his artistic arrangement of cases and stock and his tasteful adaptation of ornaments to the purpose in view, that he thoroughly understands how to plan and build up an inviting establishment.



A GENERAL VIEW OF THE INTERIOR OF THE STORE OF C. W. ERNSTING, SAN DIEGO, CAL.

The store is 30 x 75 feet in diameter. As will be seen by the above illustration, show cases extend along the sides. In the center is a large horseshoe show case of almost the length of the store. At the left of the entrance is the gem case, in which is displayed, among other stones, a large collection of California minerals. At the right of the entrance is a case containing a full assortment of watches.

Back of the horseshoe show case is the cut glass and art room, to the left the optical room, and to the right the office, back of which are the manufacturing and lapidary departments.

Pieces of statuary, handsome vases, are effectively placed here and there in the store.

Mr. Ernsting has given a prominent place to pottery and china, several fine specimens of which are exhibited in one of his show windows. In another window a handsome trophy and other works in metal are shown. The dressing of both windows, as well as the interior arrangement of the stock, are appropriate to the jeweler's trade.

Mr. Ernsting has been active in bringing to the attention of experts, and the precious stone trade, the new gem kunzite, which forms a feature in his display of precious and semi-precious stones.

Profit and Loss in Business.

By B. A. CHAMBEAU, in the *Haberdasher*.
(*Continued from issue of Aug. 22.*)

A SOURCE of annoyance and loss in many cases is neglecting to collect or trusting to the honesty of an errand boy to make collections of small amounts of goods ordered over the telephone by people known to be good, but who do not run regular accounts. Many times it will happen that the boy reports that the goods were not paid for; but at the first of the month, when a bill is rendered, the customer declares that he paid the boy at the time of delivery.

With each such article a book should be given to the errand boy. This book should contain a duplicate slip and a stub. Upon the delivery of the goods, the customer is asked to sign the stub, which reads, "received." If paid, the boy signs the slip,

Storekeeping Department.

which has the word "paid" printed across its face, and gives the slip to the customer. The boy is required to deliver the book with the collection, if made, to the cashier or clerk sending him out. When paid, they write "O. K." and their initials across the stub, and if to be charged, they write "charge," and make the charge on the day book.

It might be inferred from what I have written that a credit business has no bright side. This is not true, for it certainly has its advantages. With credit customers you cultivate considerably closer relations than with cash customers, who must be regarded as largely transient. You receive the bulk, if not all, of their trade. If they have been your customers for some time, they continue to trade with you, even after they move from your neighborhood or part of the town. Some dealers charge credit customers somewhat higher prices than cash customers, but I do not regard this as good business policy, for people as a rule who pay their bills promptly feel that they are entitled to as good prices as though they paid cash.

However, when we carefully strike a balance between the advantage to a dealer who does a cash business, and he who does a business which is largely credit, the balance is largely in favor of the man who gets the cash when he sells the goods.

I have been a somewhat close observer of merchants and their methods, and am convinced that failure to discount bills and indifference to collections are the shoals upon which a considerable portion of hard-earned profits are dissipated. It may be offered as an excuse that lack of funds prevents the taking of discounts. In this case one should, if possible, establish a line of credit at a bank, and borrow, when necessary, that credits may be properly taken care of. Invoices are usually discounted at the rate of 1 per cent. or more a month, while loans may be effected at the rate of 6 per cent. or less a year, thus netting the borrower 100 per cent. on his interest investment. In many cases it is an easy matter to secure a dating, thus enabling the merchant to avail himself of the discount without the necessity of borrowing. Every retailer should open a discount account; they are frequently excellent for sore eyes. Failure to discount is like throwing money away.

On the other hand, it is foolish to discount a bill before the last day preceding the expiration of the term of discount. Any man who pays a bill in 5 or 10 days, on which, we will say, 30 days is the shortest discount period noted, is throwing away interest. "Oh, I can't watch all of these things?" someone is likely to exclaim. Oh, but you can, for it is very easy if you will but systematize, and it pays; for it is one of the financial items in your business, counting to a considerable amount in the course of a year.

It is necessary, unless you are going to run the most haphazard sort of business, to keep a record of your purchases. The best method includes noting the date of purchase, date of delivery, name of the firm, amount bought, amount of freight or expressage, if any, rate and time of discount allowed, and amount of bill less discount. This will check you in your payment of bills. As soon as you write a check in payment of an account, put down in a different color of ink date and amount of check.

If you discount all your bills you will on a $25,000 annual business save from $200 up. If you wait until the last day of grace before discounting these bills, you will save, supposing the average term of discount to be 20 days, an interest amount approximately equivalent to the annual interest on $1,500. Still there are lots of merchants who never think of these things. But they should.

(To be continued.)



CHASTE "OPENING DAY" DISPLAY MADE BY C. W. ERNSTING.



ANOTHER PLEASING WINDOW DISPLAY BY C. W. ERNSTING.

A Pittsburg jewelry establishment as an advertising scheme is displaying a newspaper article published in a New York paper, headed "Get Rich; Save Diamonds," as a reminder that money is made by buying them, and it is attracting considerable attention.

A jeweler in New Philadelphia, O., is advertising his business by a rather unique scheme. He has a box in which has been placed a considerable sum of money. The box is locked and the right key mixed with a big box full of other keys. Every purchaser of a dollar's worth of goods selects a key from the pile at random. When all the keys have been taken out of the box, the holders of the keys will have a chance to try their hand at opening the money box. The holder of the right key gets the money.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM
—PERFECTLY TEMPERED

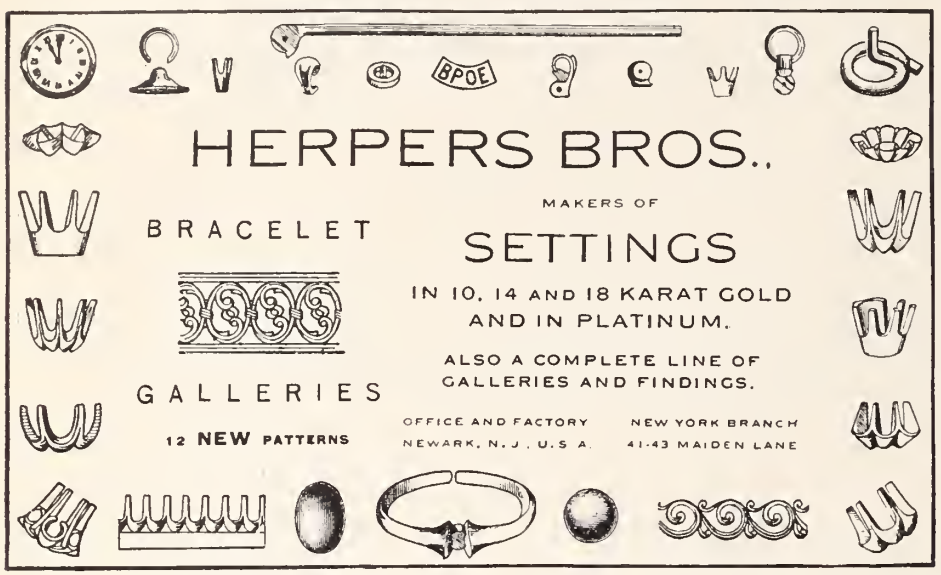




Such is the **ZEUNER SAW.**

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.



HERPERS BROS.,

MAKERS OF

BRACELET SETTINGS

IN 10, 14 AND 18 KARAT GOLD AND IN PLATINUM.

ALSO A COMPLETE LINE OF GALLERIES AND FINDINGS.

GALLERIES

12 NEW PATTERNS

OFFICE AND FACTORY NEWARK, N. J., U. S. A.

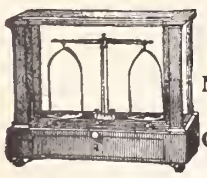
NEW YORK BRANCH 41-43 MAIDEN LANE

BLANCARD & CO.,

96 MAIDEN LANE,

NEW YORK.

WELL MADE GOLD FINDINGS.



HERMAN KOHLBUSCH, Sr.,

ESTABLISHED 1859.

Manufacturer of Fine Balances and Weights

for every purpose where accuracy is required.

Office and Salesroom, 194 BROADWAY, NEW YORK.

Send for Price List. Tel. 370 Cortlandt.



DESIGNS For Silverware, Novelties and Jewelry : : : : : : FINE ETCHING

Do not fail to have some etching in your line.
We'll do the etching for you in first class style.

CHARLES M. PRIOR ('PHONE 1224 HARLEM) 1683 Madison Ave., New York

GLARDONS' SWISS FILES

are the HIGHEST STANDARD of Excellence.

We are Sole Agents for the United States and Canada.

F. W. Gesswein Company,

Established 1868. Incorporated 1896.

WILLIAM DIXON, PREST.

Dealers in Fine Tools and Supplies,

39 John Street, New York.

CRUCIBLES.



Jewelers' Supplies, Etc.

Established 1850.

J. & H. BERGE,

95 John Street, NEW YORK.



F. JEANDHEUR, Jr.

Rear 17 John St., N. Y. Third Floor.

Gold and Silver Plating

SPECIAL WORK AND COLORING IN ALL SHADES A SPECIALTY.

Established 1868. Platina Plating.

CASTINGS Gold, Silver, Bronze, Brass, German-silver, Copper & Iron, Supply Jewelers, Silversmiths, Die-makers, Mould-makers, etc.

L. D. Tel. 2072 L.

Unbreakable Bronze Forces. Hard Bronze Engraving Plates. Cast Iron Forces for making Steel Dies. Chandelier, Undercut Work, Statuary.

AUGUST GRIFFOUL, 313 HALSEY STREET, NEWARK, N. J.

JAMES J. DONNELLY,

Gold and Silver Electro Plater, Fire Gilder and Colorer,

41 and 43 Maiden Lane, New York.

Prompt Attention Given to Mail Orders.

"PRACTICAL COURSE IN ADJUSTING."

Price, $2.50.

All Jobbers or Jewelers' Circular Publishing Co.

PLATINUM AMERICAN PLATINUM WORKS

NEW YORK OFFICE 41 Cortlandt Street NEWARK, N. J.



[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1651.—**Enameling Silver, Etc.**—*I have a great many maple leaves which I desire to enamel. In trying to do this many pit holes are formed. Please let me know whether I should put the articles in muffle and heat black or only to straw color? Give details.* *A. H. W. & Co.*

ANSWER:—It is not necessary to boil out in ammonia unless the article has engraver's cement on it. If a piece of silver turns black in annealing, you can be pretty sure that the colors will be all right. But after annealing black, silver should be stripped and scratch-brushed, then placed in the hot muffle until straw colored. When cool fill in with enamel, which, if ground clean, will not contain any pit holes. Sometimes pit holes come from using undistilled water, and sometimes from not having perfectly clean blotters or linen with which to dry the enamel.

If a color becomes dull when boiled out in sulphuric pickle, it is a sign that the enamel is no good, and you can avoid that trouble by testing the color before using it. Sometimes the color that produces the desired effect will not stand the sulphuric acid pickle, and you can buff the dull surface bright by using pumice on a hard felt lap. It is, however, very poor policy to use blue or any other enamel that will not stand the acid test.

QUESTION No. 1652.—**French Gray on Silver.**—*Please give a good formula for French gray finish on silver. I have used platinum chloride, which is very desirable, but the cost prohibits its use on the cheaper grades of goods, and I want something that will be considerably cheaper.*

F. G. S.

ANSWER:—The use of platinum chloride for the production of gray finishes can be reduced in cost by adding tincture of iron. This mixture is produced by using equal parts of the platinum chloride and the tincture of iron, which produces an excellent black on the silver, which, when relieved, will make a good gray finish. In order to prepare this solution the metallic platinum may be reduced in a solution of 1 part nitric acid and 3 parts muriatic acid. When all the metal is dissolved, the liquid is evaporated almost to dryness and the residual salt is then dissolved in water, alcohol or ether. The tincture of iron is then added. This solution may be used cold, but warming would harden the surface. A cheap method is to use the regular sulphuret in the production of the gray finish. This is done simply by dissolving the sulphuret in warm water, with enough sulphuret dissolved to produce a black solution. In producing the gray with these solutions, the articles will often have to be immersed twice to produce the desired black color. After removing from the solution, the pieces should be left standing for a few moments and then rinsed in water. The pieces are then scratch-brushed lightly, after which they are relieved or shaded. This is preferably done with a muslin cloth buff with very fine pumice, moistened with water. In the deep recesses it is necessary to use a bristle brush to remove most of the black. The operations should be conducted so that the prominent portions will retain a smooth and if possible, a glossy appearance, the success of the fine gloss, of course, depending on good buffing before attempting the oxidizing. All the gray or oxidized finishes should always be well lacquered and baked on with considerable heat, if possible.

The Enameling of Jewelry.

By CECIL H. SHERMAN.
(*Copyright, 1906, by The Jewelers' Circular Publishing Co.*)

(*Continued from issue of Aug. 22.*)

FIRST examine each article to see if it is deep enough and that the bottom is even. Be sure none of them has been blistered in soldering and that no solder has run on the surface to be enameled.

Next heat them to a dull red, and when cool, sort them out—gold, silver and composition. Boil the gold pieces out in nitric pickle if they are of an even color. Then brush them with a stiff hand brush, using water and sand. Dry with a clean rag. If in boiling them the surface is of an uneven color, heat them again to a dull red and boil out again. If for red enamel, place a drop of pure nitric acid on the surface, then wet brush and dry.

If the silver pieces anneal black, place in a nitric pickle (a newly made pickle) and when cleaned give them one dip in the silver stripping solution—one part distilled water to two parts C. P. nitric acid. Wet brush with sand and dry. If silver does not anneal black, boil out in nitric pickle and dip into stripping solution until being wet, brushed and dried it becomes a straw color when heated. Or, better, until when annealing over it turns black.

The composition pieces can be boiled out in sulphuric acid and dipped into a mixture of nitric acid and about one-twentieth muriatic acid, or any composition that will leave the metal with a smooth and bright surface. After this they should be thoroughly rinsed and dried.

For the silver, first heat each of the articles carefully until it turns straw color, and purple for gold and composition. When cool do not touch the surface of any of them with your fingers. You can easily hold them (while charging) with a pin vise. The clover leaf must first be given a thin, even coat of white enamel. To do this is quite a trick. Some people drop a lump of ground enamel on the leaf and spread it out evenly over the surface. Some begin at one edge, laying a very small quantity at a time, side by side, until covered.

When filling in a coat of enamel it is necessary either to tap the edge of the article or the pin vise holding same with the point. Or jolt it in some way while it is still wet. This shock seems to help even the surface and causes the corners and the crevices to fill. Dry the enamel by holding a clean rag or blotter to the edge of the charged surface. Bend a little strip of sheet iron in such a manner that you can set the clover leaf on it so it will not wobble. Put on one of the plates. If iron plates first heat them red hot and let them cool before doing this. Cover with a glass cake dish-lid.

If possible, fill in the monogram without running the colors together, but if this cannot be done you can fill the alternate ones.

Dies for plated work, especially work to be stoned, should be cut in the hub and sunk. The surface should be of an even depth and all the lines of the same height.

In filling in badge work of any description (class pins, flags or emblems) always be sure the enamel comes close to the edge, and, if possible, run it over the edge very slightly.

Work on the ring and the class pin will be plain filling in, the only precaution being to set them on the plate in such a manner that they will not wobble (usually on the edge of bent pieces of sheet iron). In charging the ring be sure that you have a convenient way of handling it before beginning.

When each piece has been coated with enamel first fire the clover leaf, which should be watched closely and not heated any more than is enough to make the enamel stick. In other words don't try to flow it too smooth. Next fire the ring, and after that the rest of the pieces can be placed on one plate and fired.

It is well not to leave the front of the furnace while firing. Always keep a pair of iron tweezers handy, so that if one of the articles should flow quicker than the rest it can be readily removed.

It is necessary to mention that it is well to cover the solder on all joints, catches, etc., with a paste made of dry yellow ochre and water. This should be done just before filling the pieces in.

Take the clover leaf and with a scraper (made from a three-cornered file with the surfaces ground smooth) scrape any little lumps smooth. Then brush well with a dry hand brush and give it another thin, even coat of white. Give each of the remaining pieces the second coating.

In firing the clover the white will run smoother this time with the same amount of heat.

(*To be continued.*)

The firm of Grieger & Caesar, Port Henry, N. Y., has dissolved, J. R. Grieger continuing alone.

G. W. Fordyce, Anita, Ia., has moved his stock into his own building, which has just been completed.



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A Short History of Faience.

THE French Chamber of Commerce at Constantinople has recently issued a bulletin entitled "The History of Porcelain and Faience." After a short recital of the chief chronological facts in the history of the porcelain industry, it continues:

"Under the designation faience comes all pottery of earthen ware, whether of a colored pâte covered with a white opaque enamel or with a colored or uncolored transparent enamel.

"There are two main varieties of faience—ordinary faience, of which the pâte is formed from ferruginous argil (potter's clay), that becomes red in the baking, so that the pieces have to be covered with a stannous white enamel, or fine faience, made of purer material, producing a white pâte after baking, and therefore able to take a transparent varnish. Palissy faience holds a position midway between these two varieties, inasmuch as, though of white pâte, its enamel is often stanniferous.

"What is the origin of faience—that is, to say, of pottery having an opaque enamel of tin base? It is difficult to determine. Those objects discovered in the ruins of Babylon and of Nineveh, the superb friezes of Susiane that, through M. Dieulafoy, enrich the Louvre Museum, are proofs that the art of enameling earth has been practised in the Orient from most distant antiquity.

"The Assyrians knew the art, as we see, in the Imperial Museum, at Stamboul, a sarcophagus covered with green enamel. The Greeks used it, but only rarely, although mosaics assisted by colored enamels appear to have been their invention. During the sixth century the mosque of Omer was constructed on the location of Solomon's Temple, the faiences on which are the work of Syrians.

"But it was the Persians who preserved the tradition of fine glazes; their more ancient mosques show us to what degree and with what intelligence of decorative sentiment they knew how to push the art of enriching their architecture with enchanting plaques under their mantels of enamel. Sultan Tchélébi Mohammed I. had Persian workmen installed in the beginning of the 15th century; their first factory was at Brousse, but they could not find the desired earths there. The manufacture of faience stone ware was probably the consequence. They employed the native earth, which gave in the baking a sort of red brick. This they covered with a coating of white pipe clay. This was painted in blue, red and yellow. Gilding was done afterward without baking.

"The Persian faience artificers made numerous enamels to decorate the mosques. Under the reign of Mohammed II., *"Elfatih"* (the Conqueror), they finished their work on the Imperial Palace of the Seraglio, now the Imperial Ottoman Museum. Thence they were sent to the Isle of Rhodes to hinder their art being used for profane purposes. At Rhodes these artisans, who had been forbidden to do any further faience work, discovered earth sufficiently malleable, from which they made works in artistic pottery that to-day are of great value. The most beautiful of these pieces of pottery are in the Cluny Museum, at Paris.

"The departure of the Persians, who had not communicated their secrets to their pupils, so that they could not fire at one process pieces of different colors, marked the commencement of the decline in faience tile work. However, the Turkish workmen, pupils of the Persians, with admirable patience and much talent, cut their work into pieces. And they finished their job so well that they left no sign of seams or joints. But the freshness of the colors was lost.

"At this point Sultan Mohammed II., *Elfatah,* installed at Nicé (Isnik), a faience factory, from which the product would serve to decorate all the mosques of Constantinople. This factory was destroyed in warfare in the beginning of the 17th century.

"By Kutahia, in the vilayet of Brousse, the succession of Nicé was inherited, but the industry was permitted to perish. Nevertheless, the tradition did not become entirely lost. Humble artisans preserved some remnants of the processes of those masters of faience of the Middle Ages, of which one was a deep blue. Although very far from the marvelous productions of the 16th and 18th centuries, the porcelains and faiences of Kutahia attracted the attention of amateurs at the Universal Exposition of 1867 (Paris) and 1873 (Vienna).

"An artist of much talent, His Excellency Hamdi Bey, director of the Imperial Museum, has succeeded in reviving the faience industry of Kutahia, which has been largely developed. At present a fair number of workers are employed, and one can admire their productions in the depot of Constantinople. A deposit of kaolin has been discovered.

"At present in Constantinople vases and tiles of faience are made from a sandy earth. The colorings are elegant, and approach, though distantly, those of the ancients. At Ayoule, in the Golden Horn, potters produce faiences in white enamel, which they decorate with decalcomanies (transfer pictures), and they pass for paintings.

"In a word, these industries, both of Kutahia and Constantinople, though artistic, in their productiveness amount to nothing in quantity.

"The Persians, who, in a manner, were the conservators of the ceramic industry of the Orient, taught their secrets to the Arabs, who carried to Europe their method of fabrication. Toward 1350 several centers of ceramic production existed in Spain. The most important, that of Malaga, excited the admiration of a traveler from Tangiers. From Spain this art found its way to the Balearic Isles, and 'majolica' was originated in Majorka, whence its name." (In THE CIRCULAR-WEEKLY of June 6, 1906, a short history of Majolica was given.)

"It was in Italy, after Spain, that the manufacture of enameled pottery was continued. By the end of the 15th century it was one of the most important of Italy's art industries; the Italian Renaissance further perfected these creations, and the faiences with stannic enamel were executed in France and the rest of Europe by Italians.

"But the French potters desired to penetrate the secrets of this, to them, unknown art. In 1542 Massenat Abaquesne 'earth enameler,' executed for the Palace of Ecouen some magnificent paving tiles and vases, in which French characteristic pierced through the Italian taste. At this same time Bernard Palissy created special pottery which bore his own name. The Henry II. faiences, marvels of charm, so appreciated, were born of the same period.

"In the commencement of the 17th century the first faience factory was established at Nevers, in 1632. At one time four of them existed. After producing beautiful pottery, finely decorated, at the end of the century they only turned out objects without artistic value.

"But, while Nevers declined, Rouen was making incessant progress. And toward the end of the reign of Louis XIV. Rouen faiences had arrived at a high degree of perfection. It would take a whole volume to indicate the variety of objects Rouen produced—busts, sword scabbards, consoles, mantel pieces, church lamps, fountains, inkstands, terrestrial globes, crucifixes, etc. Everywhere Rouen faiences were copied.

"After Rouen, Moustiers (Lower Alps) became the center for the production of French faiences. Some splendid pieces came from there.

"All these faiences were decorated with plain enamel. Strasburg produced faiences painted upon enamel baked in imitation of

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porcelain. This kind propagated itself in the eastern provinces.

"There are in the history of French faiences four types altogether different, indicated by the cities which created them: Nevers, Rouen, Moustiers and Strasburg.

"In the beginning of the 18th century the French faience industry was in its full development; it had attained its artistic zenith. Other nations, however, had not remained behind. Nuremburg made a pretty slate-blue faience and monumental tile stoves. Dutch faience, above all that of Delft, imitated Chinese porcelain. Italy raised itself from the decadence its faience had momentarily fallen into. Switzerland, Spain, Belgium, Sweden produced interesting faiences.

"In 1710 England created fine faience from pipe clay. Its white opaque pâte, of fine texture and pressed, was an argillaceous plastic composition, sometimes containing silica from flint ground very fine. Much superior to the stanniferous faience, at least for domestic use, this faience had considerable success. It is this which, in our present day, furnishes the plates and table service used everywhere. This faience was made after the same style, at the end of 1810, at Creil and at Montreau.

"The commercial treaty that permitted the introduction of English faience into France, and above all the extraordinary development of porcelain, brought a blow fatal to the faience industry which, by the 19th century, had almost disappeared from France.

"Thanks to the work of several scientists and the impulsive work of rich amateurs, this manufacture, so artistic, has resuscitated during the last 40 years. It has equalled, if not excelled, all the most beautiful work that ancients did in France. Let us mention the name of the grand master of faience, Theodore Deck, who has a phalanx of pupils, and Boulenger (of Choisy-le-Roi), who are celebrities in the history of French faience. It is above all in the art of ceramic decoration that this country's (France's) industry has surprising progress.

Commercial Osaka, Japan Museum Invites American Exhibits.

CONSUL SHARP, at Kobe, Japan, has been requested by the Osaka Commercial Museum to use his good offices in inviting American manufacturers and merchants to exhibit at the museum. He writes:

"This invitation I have extended to the American merchants within my consular district. I am furthermore specially requested to bring this matter to the attention of the American people, with the view of getting manufacturers and merchants in the United States to send exhibits. I am also asked to say that exhibitors desiring further particulars should communicate with the Osaka Commercial Museum, at Osaka, at the same time mentioning their source of information.

"The Osaka Commercial Museum was established in 1890, the total area being 9,390 square yards. It has a department for foreign exhibits, as well as domestic, also storehouses, lecture hall, chemical laboratory and library. For the exhibition of articles no charge is made. It might be well for intending exhibitors to take proper precautions against infringements of trademarks, etc.

Reappraisements of Decorated China and Glass Ware.

A REAPPRAISEMENTS of decorated china and glass ware were, last week, announced by the Board of United States General Appraisers as follows:

Decorated china from Charles Ahrenfeldt, Limoges, exported May 8 and 26, 1906, entered at New York (File Nos. 40621 and 40630); findings of McClelland, G. A.: Dinner sets, 106 pieces, St. G. uni tour, 4931C, entered at 34.60 francs per set; assorted plates, 8½, uni, 4931c, entered at 4.15 francs per dozen; do., 7½, entered at 3.40 francs per dozen; do., 6½, entered at 2.85 francs per dozen; coupes, cr., 6½, entered at 2.85 francs per dozen; Prs. tasses the Tour'ne, 4931c, entered at 4.70 francs per dozen; dinner sets, 112 pieces, Louisiane, 4279a, entered at 43.60 francs per set; assorted pl., do., 8½, entered at 5.15 francs per dozen; do., 5½, entered at 2.76 francs per dozen; dinner sets, 100 pieces, X. St. G., uni tour, 4931a, entered at 30.50 francs per dozen; plats ovales, 16 inch, uni, 4931a, entered at 2.40 francs each. Dinner sets, St. G., uni, 5405a, inf., entered at 51.60 francs per set. And similar goods. Add casks, etc. All no advance.

Blown glass ware from Adolf A. Helzel, Steinschonau, exported April 4, 1906, entered at New York (File No. 39910); findings of Sharretts, G. A.: Goblets, cryst., 441, entered at 2.50 crowns per dozen; ales, 320, entered at 2.20 crowns per dozen; opl. champagnes, 198, entered at 3.40 crowns per dozen. And similar goods. Discounts, 10 per cent. and 10 per cent. Add cases. Packing included. Advanced by making discount 10 per cent. only.

Blown glass ware from Adolf A. Helzel, Bodenbach, exported April 30, 1906, entered at New York (File No. 40385); findings of Sharretts, G. A.: Goblets, 10/150, entered at 3, advanced to 3.34 crowns per dozen; cocktails, 190/150 entered at 2, advanced to 2.20 crowns per dozen; tumblers, 34/150, entered at 1.20, advanced to 1.40 crown per dozen; do., 150/150, entered at 1.50, advanced to 1.70 crown per dozen; Ponce, coffee, 248/150, entered at 1.30, advanced to 1.50 crown per dozen; champagnes, 17/150, entered at 3, advanced to 3.30 crowns per dozen; wines, 13/150, entered at 1.70, advanced to 1.90 crowns per dozen; finger bowls, 38/150, entered at 2.90, advanced to 3.10 crowns per dozen. And similar goods. Discounts, 10 per cent. and 5 per cent. Add cases. Packing included.

Blown and decorated glass ware from Glasrabrik Meierhofen, Karlsbad, exported Feb. 24, 1906, entered at New York (File Nos. 40198/99); findings of Sharretts, G. A.: Wasser weiss rose, 7008, entered at 6.55, advanced to 8 crowns each; champagnes, do., 7009, entered at 8.70, advanced to 10.50 crowns each. Fingerschalen, 7012 and teller, 7013, do., entered at 8.70, advanced to 10.50 crowns each; Tassen, 7017/0, entered at 5.35, advanced to 6.50 crowns each; porter, weiss, gold band, No. 1, entered at 1.20, advanced to 1.50 crown each; Bordeaux, do., 3, entered at 1, advanced to 1.25 crown each; champagne, 9, fingerschalen, 12, and teller, 13, do., entered at 1.20, advanced to 1.50 crown each; eissservice 13 pieces, weiss vergoldet, 1013, III./VIII., entered at 13.67, advanced to 19 crowns per service; vase, violettin, D, 7314, 6802, IV., entered at 10.70, advanced to 13.50 crowns each; do., green, 6523, IV., entered at 8, advanced to 10 crowns each. And similar goods. Less 5 per cent., 5 per cent. and 2½ per cent. Add case and packing.

Blown glass ware from Adolf A. Helzel, Haida, exported Feb. 23, 1906, entered at Boston, Mass. (File No. 39400); findings of Sharretts, G. A.: Lemonades, R2303, entered at 19 crowns per gross; do., R2311, entered at 15.60 crowns per gross; discount, 10 per cent. and 5 per cent. Add case. No advance. Packing included.

BLOWN GLASS WARE.—From Adolf A. Helzel, Steinschonau, exported April 4, 1906, entered at New York. File No. 39910. Finding of Sharretts, G. A. Goblets crystal, 441, entered at 2.50 crowns per dozen; ales, 320, entered at 2.20 crowns per dozen; opl. champagnes, 198, entered at 3.40 crowns per dozen, and similar goods. Discounts, 10 per cent. and 10 per cent. Add cases. Packing included. Advanced by making discount 10 per cent. only.



INDUSTRIAL ART EXPOSITION.

THE National Society of Craftsmen, recently called into life in New York, is planning a national exhibition of arts and crafts in December next. In a circular better opportunities for selling the articles exhibited are promised in return for the expected extensive participation of craftsmen. The office of the society is at 37 and 39 W. 34th St., New York.

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NOVEL EFFECTS IN BRONZE ELECTROLIERS.

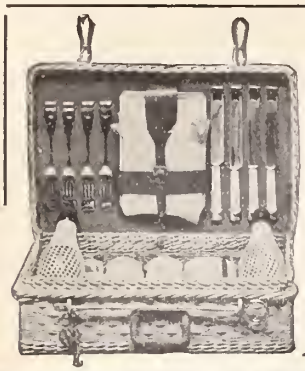
AMONG the new electroliers shown is a line made in bronze modeled to represent lilies, grasses, ferns, palm leaves and flowers, with one or more figures of man or maid walking amid the plants. Various troubadours, gypsies, dancing girls and fantastic characters are employed. One of the figures usually holds in outstretched arm the electric bulb, or lamp. Much skill is displayed in so fashioning the leaves as to assist in casting the light in the direction desired. The bronze is colored appropriately to the effects sought, and lends itself quite readily to the purpose. There is naturally no end to the subjects that may be introduced in this line, which promises to meet with much favor.

*

NEW LINES OF DOMESTIC CLOCKS.

ATTRACTIVE new lines of clocks in artistic cases are shown in the salesrooms of the Seth Thomas Clock Co., 51 Maiden Lane, New York, as the offering for the Fall and holiday trade. The company has within the last year greatly increased the facilities of its bronze works on Eighth Ave., in Brooklyn, where all the metal cases are made. The movements come from the company's factory at Thomaston, Conn. In the bronze cases three kinds of finish are shown—the verde antique, the gold and the art nouveau. The latter comprises several delicate hues in green and pink. The company produces these tints by means of a new process. The coloring of floral designs and other effects is one of the features of this work. Glass and etched-metal cases are also used to a considerable extent, the materials coming in various harmonious colors. In the shapes there are numerous original designs, comprising full length figures and heads, also relief work in panels and medallion effects. There are reproductions of famous clocks from abroad and also of some of the latest of the European creations. Typical empire clocks are shown. A handsome line of crystal empire clocks attracts much attention. One of the new lines is a reproduction of antique bracket clocks in mahogany.

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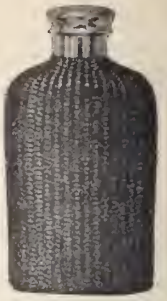
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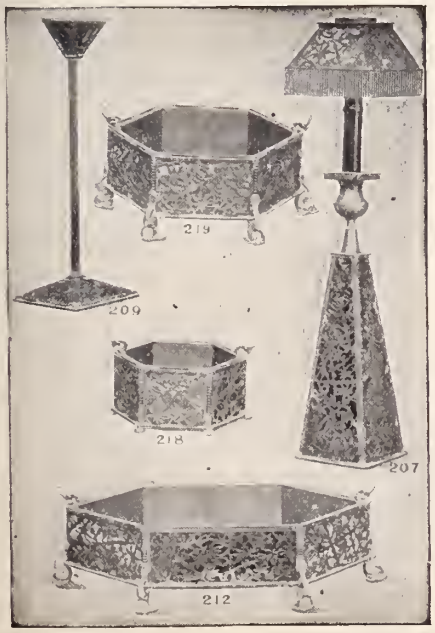
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VISITING BUYERS are invited
to inspect our new

Electroliers, Desk Sets, Etc., Etc.

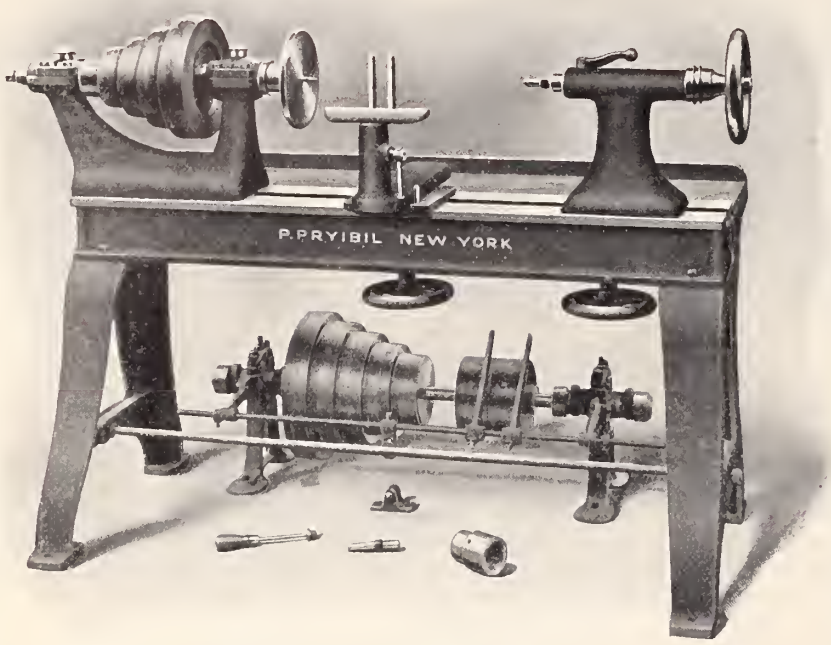
APOLLO SILVER CO.

WRITE FOR BOOKLET

BERNARD RICE'S SONS
PROPRIETORS
544 BROADWAY, NEW YORK



Made in the "APOLLO STUDIOS"



Above Cut Shows Our

METAL SPINNING LATHE

We manufacture these lathes in sizes from 12-inch to 44-inch Swing, and can equip sizes 18-inch and larger with our Chucks for oval work.

Write for Catalogue

P. PRYIBIL, 512-524 W. 41st St., New York.

JAS. C. HOE'S SONS

10 Liberty Place

Near Maiden Lane

NEW YORK

Manufacturers of High Grade Wall Show Cases and Jewelers' Fixtures

INTERIOR REFITTING of STORES and OFFICES A SPECIALTY

Write for Estimates
Finest references given if desired

Established 1820

Modern Methods

Insure maximum returns at minimum expense. We are equipped with up-to-date appliances, and guarantee prompt and honest service.

Send us a trial order.

CONLEY & STRAIGHT,

Gold and Silver Refiners, Assayers and Sweep Smelters,

236 EDDY STREET, - PROVIDENCE, R. I.

Dealers in Fine Gold, Silver and Copper. All kinds of Gold and Silver Anodes.

ROLLED GOLD PLATE

SEAMLESS WIRE AND TUBING

DUNBAR, LEACH, GARNER CO.,

MANUFACTURERS,

ATTLEBORO, - - - MASS.

Pat. U.S. and Canada.

THE ELEPHANT AND THE KANGAROO VISIT THE MONKEYS IN THE ZOO.

The elephant tried to sit on his trunk, but decided to use some other bunk. The kangaroo could jump pretty high, but hadn't yet quite learned to fly. The monkeys said they'd seen pretty things, people wearing beautiful rings, held in place by an adjustable spring, to be had of jewelers who know a good thing.

CHESTER H. WELLS, Jeweler. MESHOPPEN, PA.

WM. F. RENZIEHAUSEN CO.,

GOLD and SILVER REFINERS

Sweep Smelters, Assayers and Analytical Chemists

Rolling of FINE AND STERLING SILVER a Specialty.

Long Distance Telephone, 3759-R. 45-49 Oliver Street, NEWARK, N. J.

"Perfect Yourself"

in ENGRAVING and EXPERT WATCH WORK.
Take a Post-Graduate Course.

RIES & ARMSTRONG, Macon, Ga.

HONEST AND PROMPT RETURNS FOR YOUR OLD GOLD, SILVER, FILINGS, SWEEPINGS &c.,

WE BUY

Old Gold and Silver Filings, Polishings, Sweeps, Hand Washings, etc. We will make accurate valuations and hold consignment subject to your acceptance. If valuation is not satisfactory, we reship to you at *our expense.*

WE PAY FOR OLD GOLD:

22 K. 88c.	per dwt.	12 K. 48c.	per dwt.
20 K. 80c.	" "	10 K. 40c.	" "
18 K. 72c.	" "	8 K. 32c.	" "
16 K. 64c.	" "	6 K. 24c.	" "
14 K. 56c.	" "	4 K. 16c.	" "

MARKET RATES FOR SILVER AND ALPTNUM

WE SELL

Gold, Silver and Platinum, various qualities, rolled flat or drawn to wire of any gage.

PRICES OF ALLOYED GOLD:

8 K. 42c.	per dwt.	14 K. 66c.	per dwt.
10 K. 50c.	" "	16 K. 74c.	" "
12 K. 58c.	" "	18 K. 82c.	" "

Gold and Silver Solder, either from formulas furnished, or our own. "T. B. H." Alloy, 25c. per oz. Guinea Gold, 75c. per lb. Shot Copper, 40c. per lb. We will send tables for alloying without charge. They save figuring.

Try us and you will Appreciate our Squareness, Promptness and Accuracy.

T. B. HAGSTOZ, Ltd., Main Office, 709 Sansom St., Philadelphia, Pa.

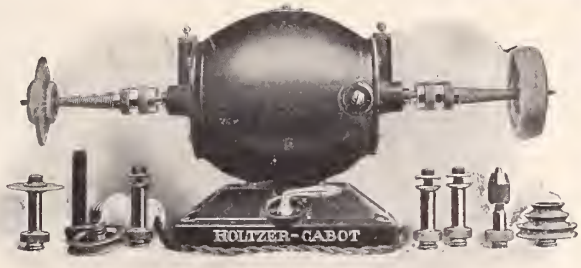
SMELTERS, ASSAYERS, REFINERS.

A Jewelers' Electric Lathe Motor

which has passed through the experimental stages and which, through a careful elimination of defects, has become practically perfect.

This illustration shows one of the **eight different styles and sizes** of Jewelers' Electric Lathe Motors, manufactured by **The Holtzer-Cabot Electric Co.**

Every Holtzer-Cabot Jewelers' Lathe Motor is backed by **an absolute guarantee of one year.**



In using **Holtzer-Cabot** Jewelers' Electric Lathe Motors you receive the benefit of their **thirty years' experience** in the building of electrical apparatus, and you get a motor which has had **four years' trial** in practically all classes of buffing, grinding, polishing and kindred uses.

Send for our special circular No. 409, regarding our offer of "**A Jewelers' Lathe Motor on Trial.**"

MAIN OFFICE, BOSTON (Brookline), Mass. **The Holtzer-Cabot Electric Co.** CHICAGO OFFICE, 395 & 397 Dearborn St.

Mercantile Fountain Pen

The Best Self-Filling Attachment

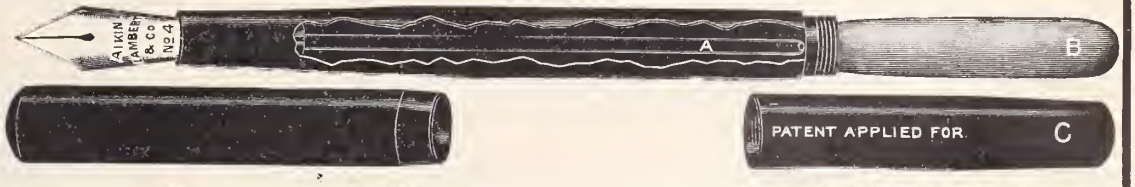
made and guaranteed by the

AIKIN-LAMBERT COMPANY,

19 Malden Lane, NEW YORK.

Retail Price:
$3.00
$3.50
$4.50

Send for Price Lists and Discounts.



Expert WATCH and Chronometer REPAIRING
FOR THE TRADE.
When others fail you we guarantee satisfaction. A trial will convince. Prices very reasonable.
List will be sent on request.
G. OHAN, 37-39 Malden Lane,
Lorsch Bldg., Room 27. **NEW YORK.**



A New Eyeglass Holder

Prevents Loss of Glasses from Hook

PRACTICAL—SIMPLE—SAFE—SECURE

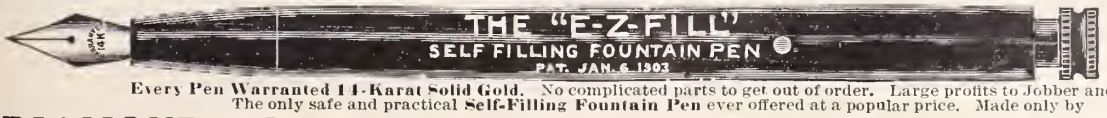
A new and novel idea which has overcome the possibility of loss once glasses are entrusted to it. Glasses attached to this hook can only be **removed at will of wearer** and in the **simplest** manner. **The feature of this hook is a "HUMP" engaged by a "LOOP" making a secure connection.**



PAUL GOUGELMAN, Manufacturer, 37-39 Maiden Lane, New York.

THE "E-Z-FILL" SELF-FILLING FOUNTAIN PEN

FILLS INSTANTLY BY TOUCHING SPRING ON SIDE OF BARREL WITH PATENT PUSH PIN.



Other Patents Pending.
Retails at **$1.00**

Every Pen Warranted 14-Karat Solid Gold. No complicated parts to get out of order. Large profits to Jobber and Retailer. The only safe and practical **Self-Filling Fountain Pen** ever offered at a popular price. Made only by

DIAMOND POINT PEN CO. - 100-102 Beekman Street, New York

Largest Manufacturers of Popular Price Fountain Pens in the United States **INFRINGERS WILL BE STRICTLY PROSECUTED** Send for large illustrated price list

TRIED AND PROVEN

Since 1877 the

JEWELERS' LEAGUE

has paid to beneficiaries over

$3,134,000.00

without disputing or compromising a single claim.

To-day it is in full vigor and prosperity.

Those desiring life insurance protection for their wives, or others dependent upon them, should investigate the new monthly table of rates, which offers maximum insurance at minimum cost.

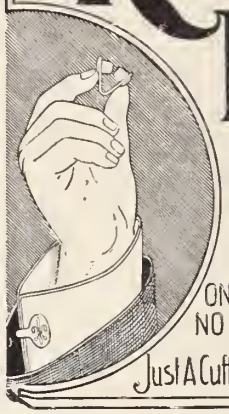
Death Benefits, = $1,000 to $5,000
Age limit of applicants, 21 to 44 years

For full particulars, address the Home Office, 12 John St., New York City

GEO. W. STREET, President.

F. A. MARSELLUS, Sec'y and Treas.

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO LEVER NO SNAP NO SPRING

Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER
Sole Manufacturer
Hartford Bldg. CHICAGO, ILL.

OUR LINE!

JEWELRY and SILVERWARE CASES WINDOW and SHOW CASE DISPLAYS

Will unquestionably meet with your approval

We carry a big stock of cases for all combinations of Silverware and Jewelry, in Leatherette, Moreen, Lizard Silk and Velvet. Mail Order Department is equal to all emergency orders.

ABE KASSEL

671-3-5 HUDSON ST. NEW YORK

SEPTEMBER IN THE ADIRONDACKS

No finer place can be found than the Adirondacks in September.

The air is cool and bracing, the scenery beautiful and the sense of perfect rest that comes with the night is delightful.

This wonderful region is reached from all directions by the

NEW YORK CENTRAL LINES

"America's Greatest Railroad."

For a copy of "The Adirondack Mountains and How to Reach Them," send a two-cent stamp to George H. Daniels, Manager General Advertising Department, Grand Central Station, New York.

C. F. DALY,
Passenger Traffic Manager,
NEW YORK.

FAIRCHILD & COMPANY

225 to 233 Fourth Ave. NEW YORK CITY.

Manufacturers of GOLD PENS, PENCILS, PENHOLDERS, SEGAR CUTTERS, SPECIALTIES, PENCILS SET WITH JEWELS.

Style, quality and workmanship acknowledged the very best.

LEROY W FAIRCHILD. GOLD PENS.

Established 1879. Manufacturer of

LOUIS W. HRABA, Fine Leather Goods,

29 East 19th St., New York. Exclusively for the Jewelry Trade.

Horological Department,

BRADLEY POLYTECHNIC INSTITUTE,
Formerly Parsons Horological Institute,
PEORIA, ILLINOIS.
Largest and Best Watch School in America.
We teach Watch Work, Jewelry, Engraving, Clock Work, Optics. Tuition reasonable. Board and rooms near school at moderate rates Send for Catalog of Information.

Three Winning Lines for the Fall



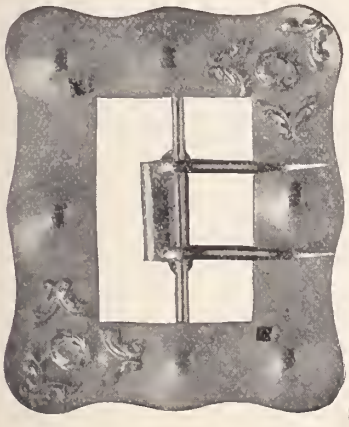
COMBS

Have you seen the new line of "Checo" Brand Combs? It's a winner. Hundreds of bright new designs that will hold every woman's attention. You cannot afford to be without an assortment of our Combs in your stock. Our special display assortment on your counter will greatly increase your trade on Combs. This assortment will be sent on approval by prepaid express and any Combs that are not satisfactory *may be returned at our expense.*

BRACELETS



We wish to call your attention to the exceptionally big values that we offer in Bracelets for this season. Our line contains a large variety of designs and finishes that will appeal to every taste. Send for one of our special sample assortments, which will be sent to you by prepaid express, and if you are not *perfectly satisfied* with the goods on examination you *may return all or a part of them at our expense.*



BUCKLES

Buckles will be a big factor in the Fall season's jewelry trade and we are prepared to supply you with a line of Buckles strictly up to date in design and finish. Our line is large and gives an excellent variety to choose from. In fact, it contains something to suit everybody. We do *not* ask you to take our word for this, but we *do* ask you to send for a sample assortment of these goods to see for yourself that they are all we claim them to be.

We also manufacture a large line of low-priced jewelry, such as Hat Pins, Brooch Pins, Stick Pins, Rings, Collar Buttons, Links, Studs, etc. When in New York, call at our office at 699 Broadway, or drop us a line at any time and have our salesman call.

C. H. Eden Company, Attleboro, Mass.

New York Office: 699 Broadway

Address all communications to the Home Office at ATTLEBORO, MASS.

IS YOUR SAFE SAFE?

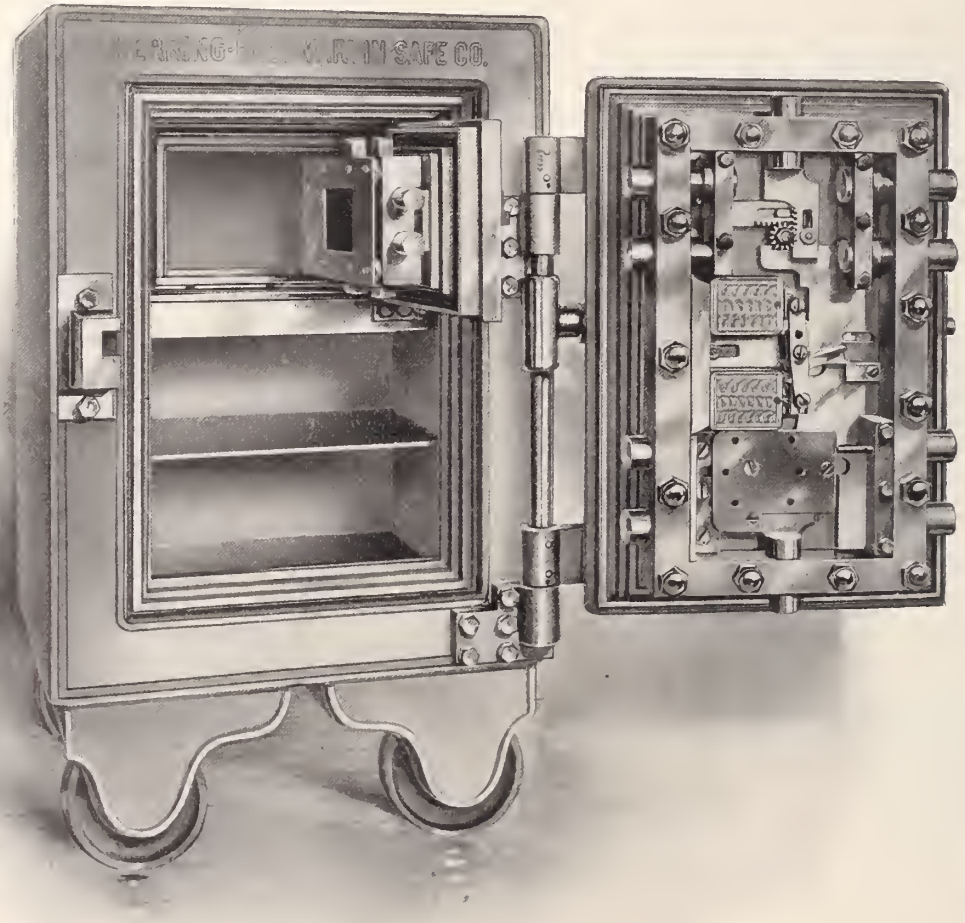
DORRANCE BATTIN CO.,

1103 Broadway, Oakland, Cal., May 22, 1906.

HERRING-HALL-MARVIN SAFE CO., Oakland, Cal.

Gentlemen: We take pleasure in informing you that of the four safes which we lost in the recent fire at 120 Sutter St., San Francisco, Cal., the only one that contained goods of any value was the safe of your manufacture. It fell about thirty feet into the basement of the building, where it remained for about fifteen days, and of the twenty-five or thirty safes that were opened there at this time, this was the only one that showed its contents practically intact.

Yours truly, DORRANCE BATTIN CO.,
Agts. Gorham Co. Successors to Phelps & Adams.



For sixty-five years we have stood for high grade construction, against cheap competition. IS your SAFE safe?

HERRING-HALL-MARVIN SAFE CO.,

400 BROADWAY, NEW YORK.

Largest Fire and Burglar Proof Safe Builders in the World.

Offices and Agencies Throughout the World.

THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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The Jewelers' Circular
Publishing Company.

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, SEPTEMBER 5, 1906. Vol. LIII. No. 5.



Handsome Silver Punch Bowl Presented by the People of Canada to H. M. S. "Dominion."

(See Text on Page 47.)

ALVIN SILVER



DECORATED PORCELAIN TETE-A-TETE TEA SET.

We are making Porcelain Tea Sets in a variety of shapes. We also make them in several color effects, White, Green, Blue and Brown Porcelain being used with Alvin Silver Deposit. The White Porcelain is decorated with Gold Plated Silver Deposit. We also manufacture Coffee Sets, Smoking Sets, Mayonnaise Dishes, etc., in this style, :: :: Prices will be sent on request

ALVIN MFG. CO.
Silversmiths :: New York

Fahys Senior Case



¶ Fahys "Senior" Case is the thinnest filled case that can be made for an American movement.

¶ It has the quality of being dust proof, as the movement shuts down into a shell or cup into which no dust can possibly penetrate.

¶ It is made in 12 and 16 sizes only, but is made in three grades.

PERMANENT	BRISTOL	MONTAUK
Permanent Guarantee	25 Year	20 Year

JOSEPH FAHYS & CO.



POINTING OUT the WAY

If you follow that way—our way—you are assured of fair treatment and honest dealings. You are sure the diamonds are exactly what they are represented to be, at prices the lowest it is possible to sell such stones for.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York



We respectfully suggest that you

"Get in the Game"

Good business revolves around this ring—a perfectly satisfied customer has the true "ring" about him—he is a valuable asset.

Our rings are the standard for quality and workmanship, yet they are sold at the lowest price possible.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - - - NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

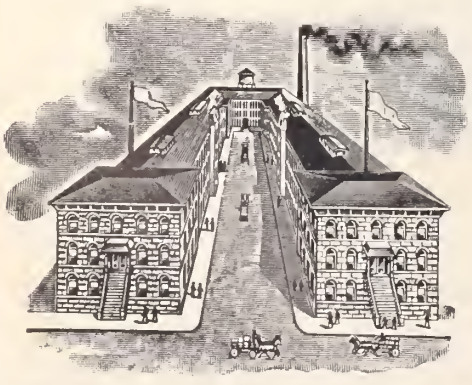
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.



Watch Case Makers, Remodelers and Repairers.



How an English Case Came to Us.



How it was Remodeled for Amer. S. W. Movement.

SPECIAL CASES MADE TO ORDER FOR ENGLISH, SWISS AND AMER. MOVEMENTS.

MELTING OLD GOLD CASES AND MAKING OVER INTO NEW CASES (USING SAME GOLD) A SPECIALTY.

ENGLISH CASES CHANGED TO FIT AMERICAN S. W. MOVEMENTS WITHOUT ALTERING OUTSIDE APPEARANCE.

KEY WIND CASES CHANGED TO STEM WIND.

HUNTING CASES CHANGED TO OPEN FACE.

OLD WATCH CASES REPAIRED AND RENEWED.

Wendell & Co.,

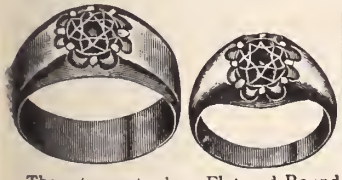
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WONDERFUL SHOPS:

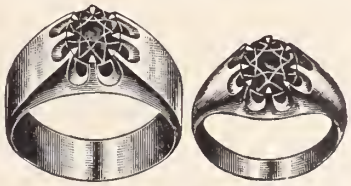
103 & 105 William St., NEW YORK.

57 Washington St., CHICAGO.

New Claws on Diamond Rings.



Tbese two cuts show Flat and Round Belcber Rings as received, with claws badly worn off and too low to permit resetting stones again.



These cuts show the same rings with new high claws, stones securely reset, and entire rings refinished like new.

Price for six new claws, resetting stone and refinishing ring like new .....$1.50 to $3.00, list.

Price for eight new claws, resetting stone and refinishing ring like new .....$2.00 to $4.00, list.

We retip or put new claws on diamond Tiffany, Belcher, Tootb and rings of every description, to cost from $1.50 to $4.00, list, according to the condition of ring and number of claws on setting.

Wendell & Company,

103 and 105 William St., NEW YORK.

57 Washington St., CHICAGO.

For 22 years we have been doing

Gold and Silver Plating.

Sterling and Plated Ware Repairing for the Trade.

Do we do yours?
Our plating rooms are the best equipped in the country for job work.



How It Came In.



How It Went Out.

WE REPAIR

any article in tbe silverware linc; making new parts to match the old ones tbat bave been melted or broken off, the same as new.

WE REPLATE

any metal article in gold, silver, nickel, bronze, brass, oxidized silver, old bronze, statuary bronze, and all antique finisbes.

Wendell & Company,

Repairers and Special Manufacturers for the Retail Jewelry Trade

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.



Stone-Setting.

We carry a most complete stock of Precious and Semi-Precious Stones for special work and replacing lost sets. We import them direct from tbe cutters in Europe, and furnisb them to the trade in single stones at dozen and gross prices.

Have your stone-setting done in our shops and save from thirty-five to fifty per cent.

We employ first class setters, and turn out work very promptly.

No job too small to receive our careful attention.

Gold Chains Refilled, Renewed and Repaired.

Old Chains made over into new patterns, using same gold.

GOOD WORK. LOW PRICES. PROMPT ATTENTION.



Sample Job as Received.



As Delivered.



Fancy Link Chain as Received for Renewing.



As Delivered.

Wendell & Company,

The Special Manufacturers for the Retail Jewelry Trade.

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.

WADSWORTH "TWENTY-YEAR" WATCH CASES

THE MAN of moderate means, the man who wants the "good," but not necessarily the "best," such men must be provided for. Such, probably, is the "average man." This Watch Case is for him. It "ATTAINS ITS MAJORITY."

Have you the "average man" among your customers? Haven't you a lot of him? General business depends on this "average man." You cannot sell him anything of better value for his money than this TWENTY-YEAR Case. Best of its kind.

***The* Wadsworth Watch Case Co.**

CHICAGO	SAN FRANCISCO	NEW YORK
Columbus Building	717 Market St.	49 Maiden Lane

FACTORY, DAYTON, KY.

FIRST interest in a watch soon becomes absolute dependence upon it. In selecting a watch remember that the life of the works is determined by the protection afforded by the case. Ask the jeweler to show you a

Wadsworth Watch Case

"The right case for the finest watch works, the best for any works."

Unequalled in workmanship, design and finish. Great strength and rigidity insure resistance against jar and jolt; will not bend, dent, nor wear thin in a lifetime. Impervious to dust and moisture. Both gold filled and solid gold cases for men, women and children. Whichever case you select, be sure it's a Wadsworth.

Write for free booklet.



WADSWORTH TRADE W C MARK.

Be sure that this trade-mark

25 Years Guarantee

is on the inside. The case will outwear its guarantee

The Wadsworth Watch Case Co.

CHICAGO Columbus Building

SAN FRANCISCO 717 Market St.

NEW YORK 49 Maiden Lane

FACTORY, DAYTON, KY.

NOW READY FOR DELIVERY.



THE NEW BUNN.

OPEN FACE. LEVER SETTING.

The highest grade 17 jewel 18 size movement on the market.

Adjusted to temperature isochronism and six positions, 17 ruby jewels, steel escape wheel, double roller escapement, patent regulator, double sunk dial.

Especially constructed for Railway service.

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed
Patented, June 26, 1906

DIRECTIONS

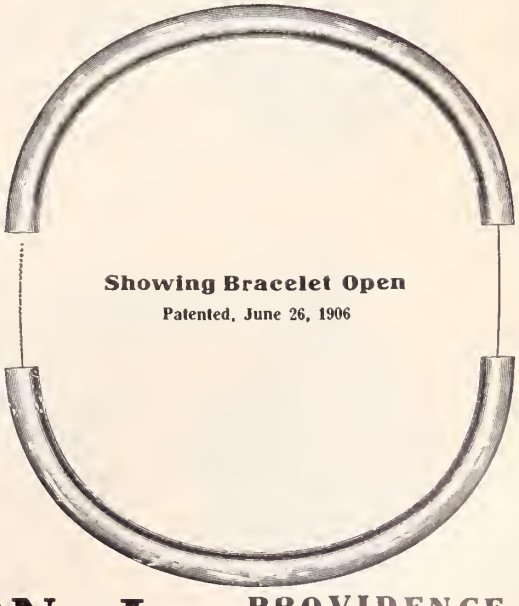
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open
Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden

**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.









Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaranteed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

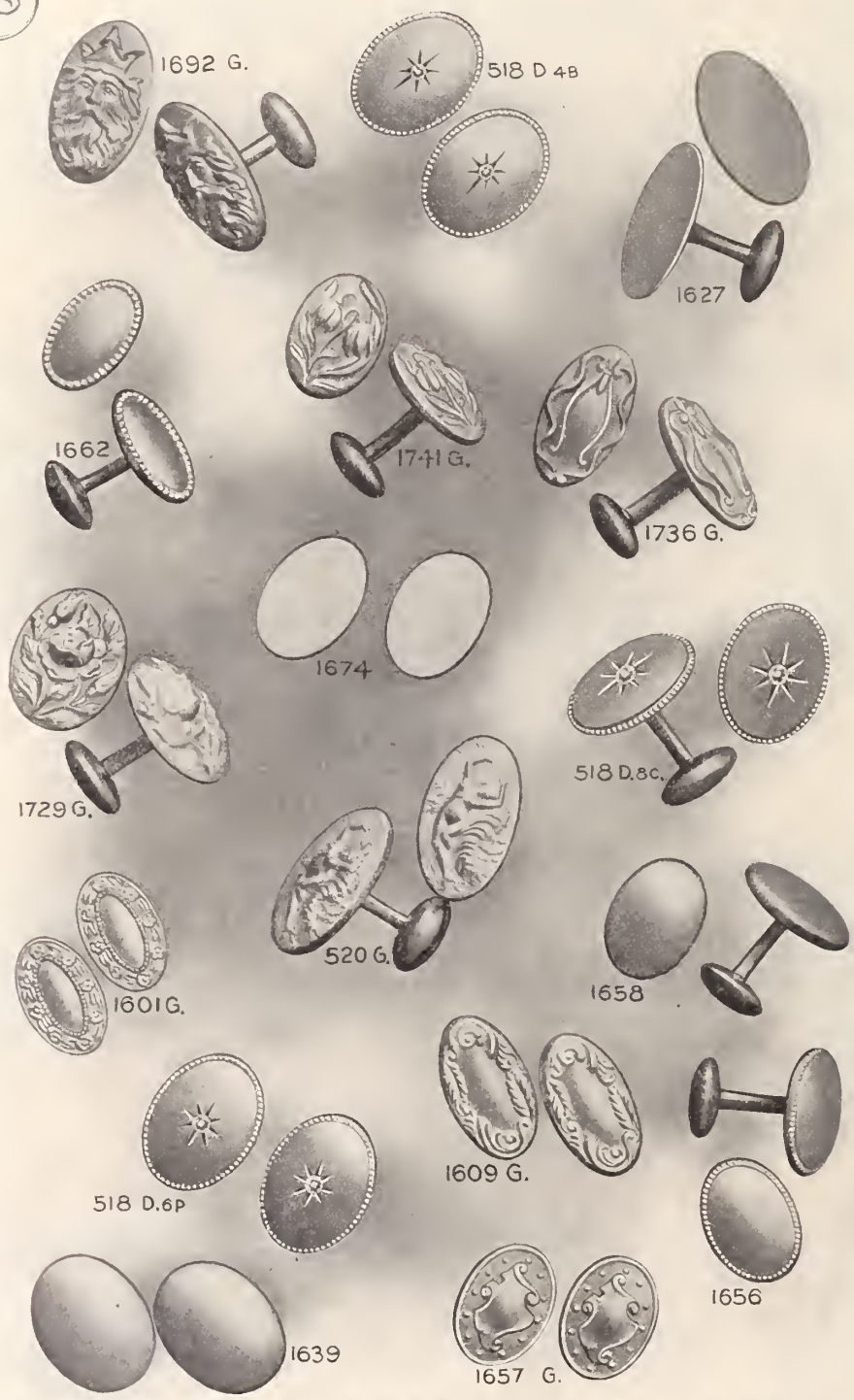
Wholesale Agents for the Leading American Watch Companies.

Fifth Avenue and Market Street, Pittsburgh, Pa.

A 10K. Line that is 10K.

MANUFACTURERS OF

Fine Gold Jewelry, Rings, Brooches, Cuff Buttons,
Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains
Crosses, Lorgnette Chains, etc.



We make the largest, most varied line of CUFF BUTTONS shown to the retail trade, also LOCKETS, SCARF PINS, RINGS, BROOCHES, CROSSES, FOBS, NECK CHAINS, LORGNETTE CHAINS, etc., etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

Factory—8 Lum St., Newark, N. J.

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M

Always in Red.

FALL NOTICE.

VISITORS coming to this city during the months of September and October are cordially invited to view some of the new productions to be found in our offices at most any time. There is not a single day when our factory, which is on the premises, does not increase our stock with new and magnificent productions; therefore if you call you will see, daily, pieces out of the ordinary, also a line of the plain commercial goods.

Some of our stocks are now on the road, and should you be unable to visit New York this season, do not fail to avail yourself of the opportunity to look through our magnificent Fall line when our representative visits your city. You will find this stock most interesting and far superior to anything now on the market, from the point of excellence, original designs, quantity, quality and exceptional prices.

If you have calls for something in the Diamond line that your stock does not contain, remember that our stock has just such articles.

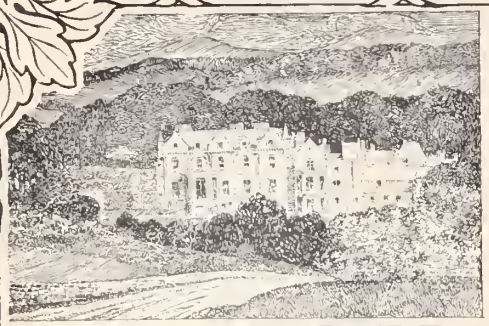
POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS.

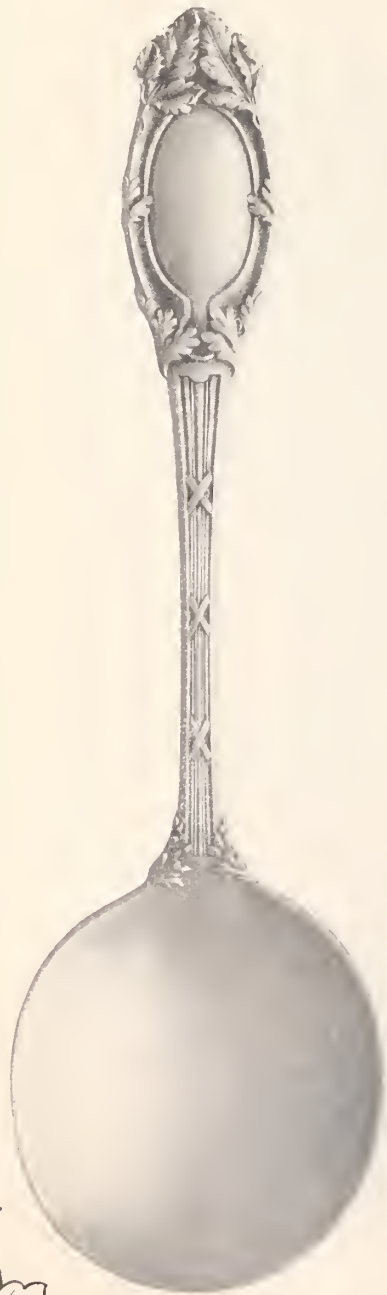
258-260 Fifth Avenue,

NEW YORK.

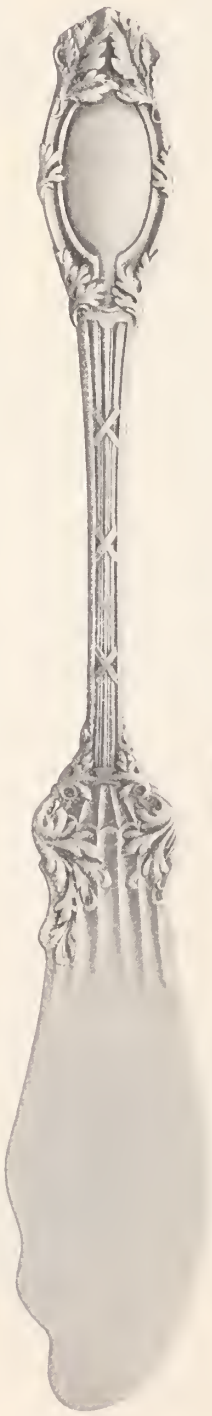
We are always pleased to ship goods on memorandum when satisfactory references are given.



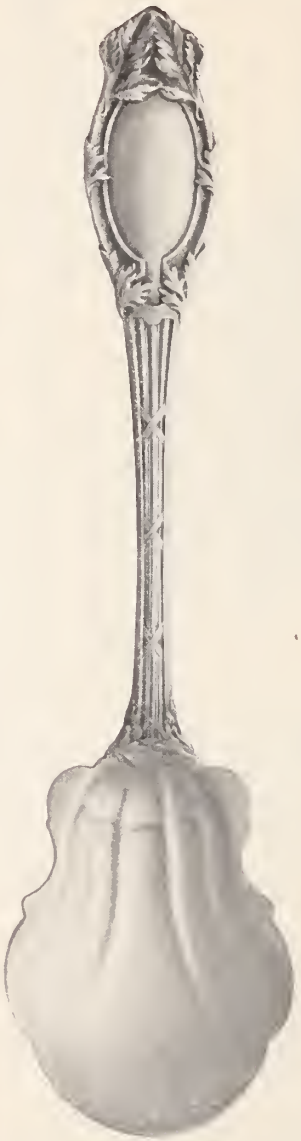
ABBOTSFORD
The Home of Sir Walter Scott
"A Romance in stone and lime"



Soup Spoon



Butter Knife



Sugar Shell



Butter Spreader



Coffee Spoon

Abbotsford

TRADE MARK Sterling

A Romance in Sterling Silver



Sir Walter Scott



Tea Spoon

Dessert Fork

Dessert Spoon

Medium Fork

Table Spoon

Made by

SIMPSON, HALL, MILLER & Co

International Silver Co., Successor;

WALLINGFORD, CONN., U.S.A.

New York · Chicago · San Francisco · Toronto ·

Silversmiths to the American People

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

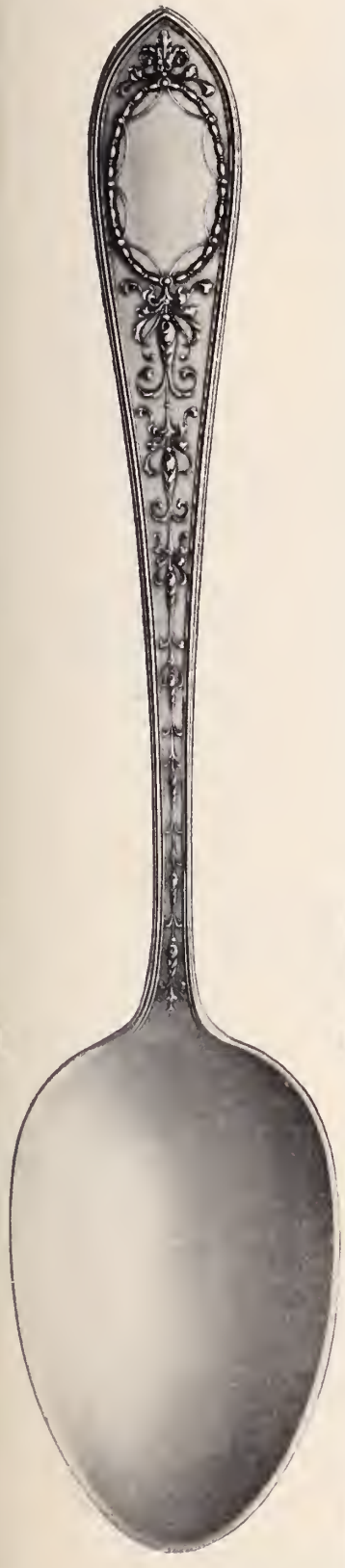
Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

The Adam Pattern



AN ORIGINAL NOVELTY
IN
FLATWARE.

THE WHITING COMPANY take pleasure in confidently directing the attention of the Jewelry Trade to the prepossessing qualities of their radically new departure in flatware design, now introduced as the Adam pattern.

RECOGNIZING the insistent demand for a line of table silverware that shall fitly harmonize with the increasingly popular Adam Furniture and Decoration, the Company have originated a pattern designed in accord with the principles formulated by those celebrated Eighteenth Century architects, the brothers Robert and James Adam.

A FURTHER claim to consideration may be advanced on its behalf: The elegance of its form and the delicacy of its low relief ornamentation, emphasized by the simplicity of the back, unadorned save by the characteristic "swedge," combine to ensure its welcome by all people of taste and refinement.

A COMPLETE line of the Adam pattern, including Individual and Serving Pieces, is offered and ready for delivery Sept. 1st.

The Whiting Mfg. Co.

SILVERSMITHS
Broadway and 19th Street
New York

TRADE  MARK
STERLING.



WE ANNOUNCE the new and handsome

"CLASSIC"

design, a worthy addition to the famous COMMUNITY SILVER line. Ready October 1st. For information apply to your Jobber or to us direct.

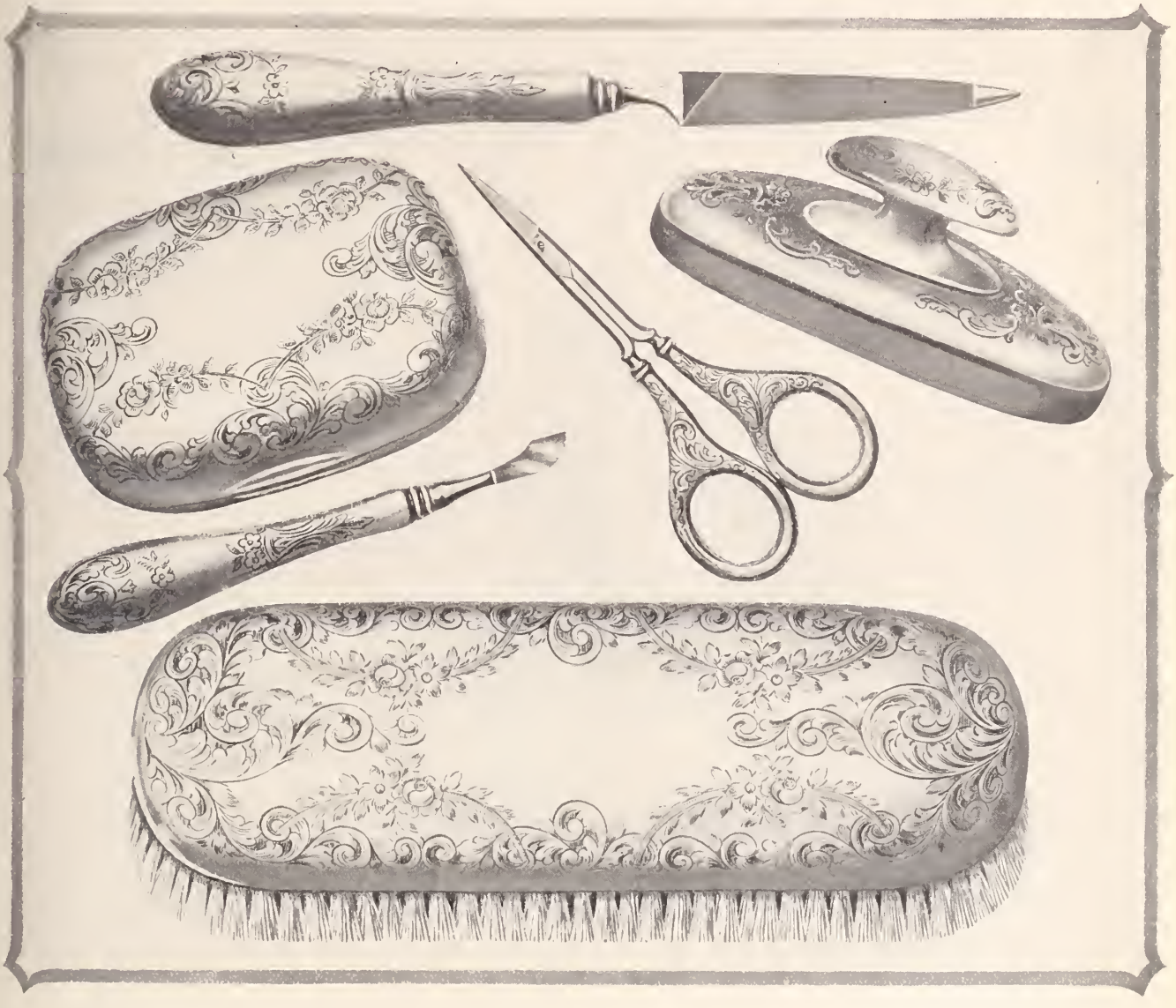
ONEIDA COMMUNITY, LTD.

ONEIDA, N.Y.

Founded in 1848.

New York Salesroom: 395 Broadway.

Strikingly Original Examples of Hand Engraved Sterling Ware in Substantial Weight



One of the three new patterns that we have originated for this season. :: :: The intimate and successful union of the most thorough workmanship, the finest finish and the most individual artistic distinction. :: :: Our plain pattern is meeting with as much success as the above hand engraved design.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases Baskets Shirred Wrist Bags Photo Frames Jewel Cases Sterling Novelties
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

SILVERSMITHS *Established 1861*

Sales Office, 3 Maiden Lane, New York FACTORY, NORTH ATTLEBORO, MASS.

THE ACID TEST

REVEALS THE MERITS OF

W. & S. B. ★ CHAINS



Old Reliable W. & S. B. ★ 1/10 chains, and Globe Filled W. & S. B. ★ 1/8 chains are made of heavy seamless gold filled stock and are soldered with gold solder. The acid test demonstrates their merits. They are recognized as the standard gold filled chains.

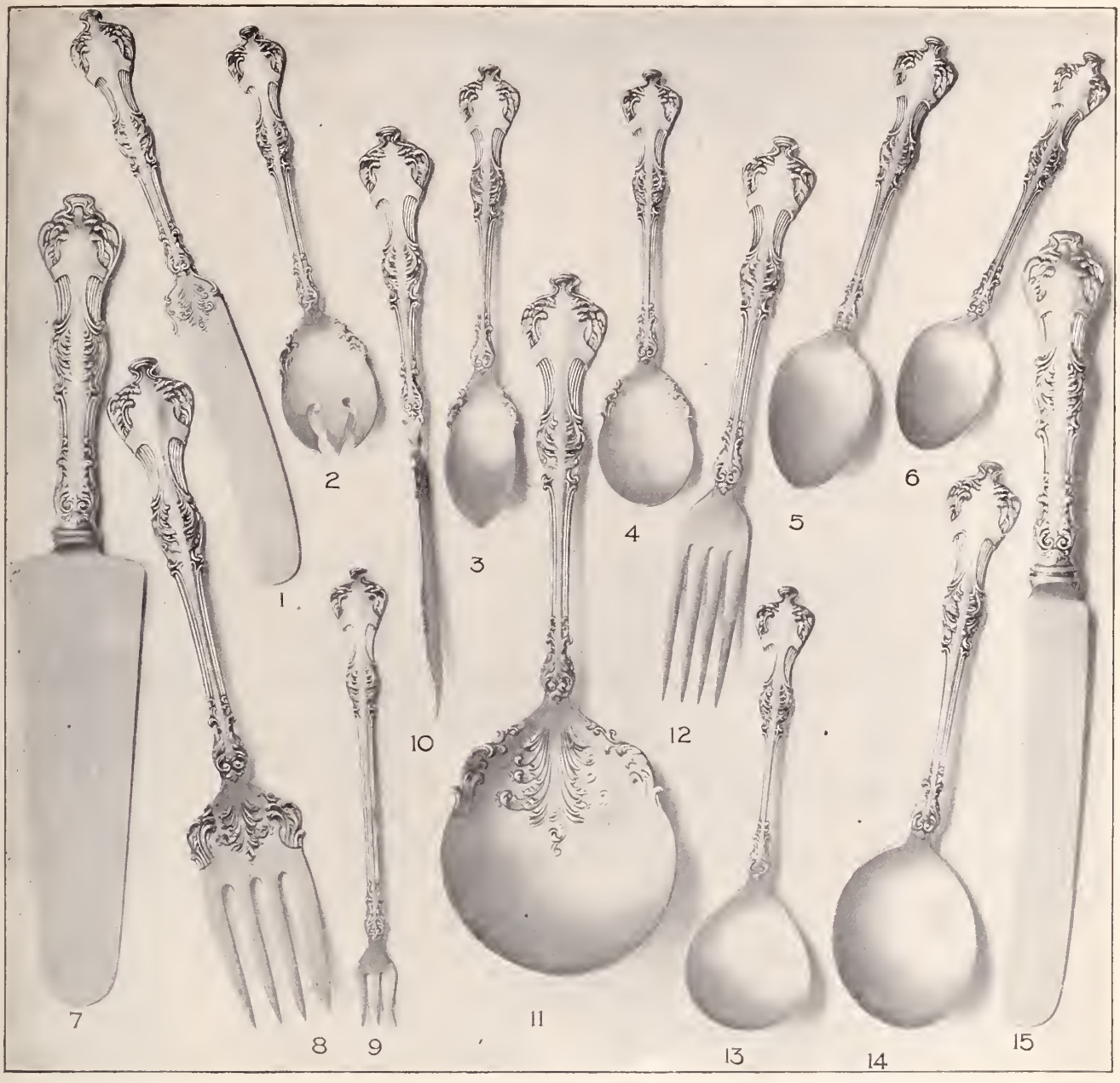
Every Retail Jeweler gets a premium who buys 40 or more W. & S. B. ★ Chains.

W. & S. BLACKINTON CO.

MANUFACTURERS

New York, 14 Maiden Lane. **Factory, North Attleboro, Mass.**

A selection package will be sent through any Jobber on request.



The "Crest" Pattern

is the latest design produced in the old reliable **"Star (★) Brand."** It will prove one of the most popular patterns on the market.

"★ ROGERS & BRO. A-1"

(Trade-Mark)

Furnished in Bright or French Gray. A full line now ready for delivery. Send for booklet. Supplied by us direct and by all leading jobbers.

International Silver Co. Successor to

ROGERS & BROTHER, Waterbury, Conn.

Warerooms—9-11-13 Maiden Lane, New York.

Simmons Chains

are rekognizd thruout the jewlry trade as the standard gold-fild chains.

They are goods that can be sold redily bekaus they look, wer and are (for all essenshul purpozes) exaktly as good as al-gold chains, and kost far les.

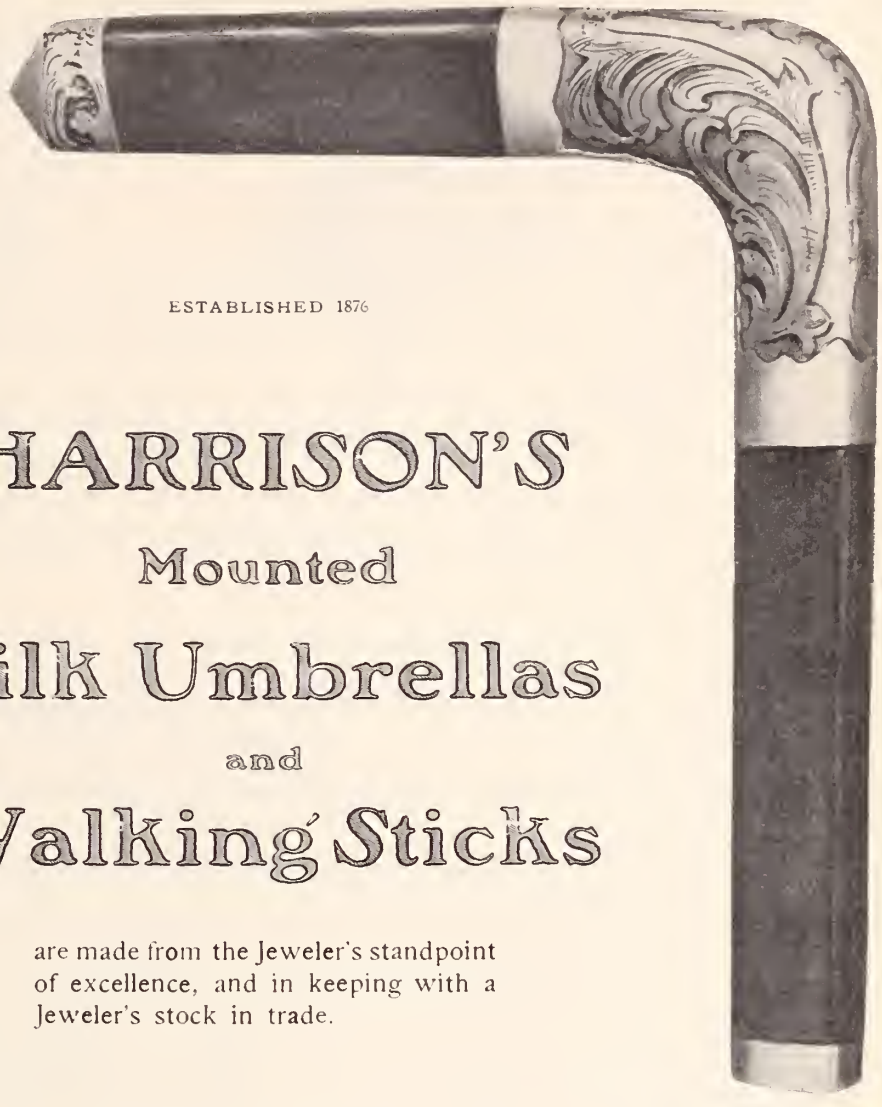
They are safe goods to handle bekaus evry link of evry chain is positivly garanted.

No other make of chains—ether solid gold or gold fild, ofers so wide a chois of stiles and paterns—none is so widly nown to the publik.

These are old and tru resons why you should carry Simmons Chains. Som new and konvincing resons why you shud show a larger selexon than ever are presented by the Simmons Fal line, which the jobers are shoing.

Note. To tell of the superiority of Simmons Chains is an old story. To tell of it, however, as told here; that is, in accord with the phonetic spelling system which received President Roosevelt's official sanction on August 24, is more or less out of the common.

On this account, and in view of the fact that the foregoing ad. furnishes an accurate example of the way future government documents will appear, you may find it of more than passing interest.





ESTABLISHED 1876

HARRISON'S

Mounted

Silk Umbrellas

and

Walking Sticks

are made from the Jeweler's standpoint of excellence, and in keeping with a Jeweler's stock in trade.

Our Gold-Headed Ebony Canes have stood the test for the last quarter of a century.

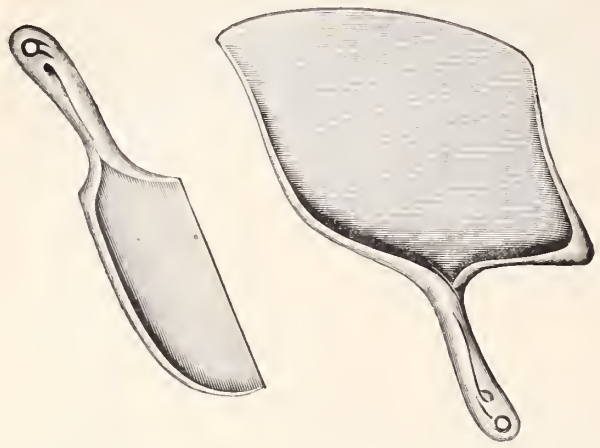
No Dry Goods or Dry Goods Department Stores Sold.

W. W. HARRISON CO.

Makers of Umbrellas and Walking Sticks

OF THE BETTER SORT.

1149 Broadway, NEW YORK.



Our Latest Design in

Crumb Tray and Scraper

Is classed among our many specialties as one of the useful articles that are very salable and profitable to the jeweler.

Should not this style, illustrated herewith, appeal to your fancy, we have a wide variety of other styles, illustrations and prices of which we shall be glad to send. Made in Copper, Brass, Nickel-plate and Silver-plate. Our latest catalogue, No. 21, sent on request.

If It Burns Alcohol We Make It

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

Satisfaction Guaranteed or New One Given in Exchange

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane



Georgian Pitcher.

SILVERWARE SUPREMACY

The Hollow Ware productions of this company are now recognized by buyers who know silverware as pre-eminently superior to other makes.

Smith Silverware is not variable—each piece is characterized by its distinctiveness of design, excellence of finish and substantial weight.

Frank W. Smith Co. GARDNER, MASS.

Manufacturers of Sterling Silverware





SEPTEMBER

with its cooler weather always brings a greater demand for merchandise of every description, and the jeweler shares with others the increased requirements of the trade. There is only one way that he can take care of the business that belongs to him, and that is to be properly supplied with the requisite amount and variety of stock.

We sell "Sellers," and therefore can assist you very materially. If we are given the opportunity we will show you that we are able to help you make money and succeed in satisfying and increasing your trade. Everything in the line of Diamonds, Watches and Jewelry. Elk and Fraternal Order of Eagle goods a specialty. Our representatives will be pleased to show you our lines, or we will send memo. packages on request.

ELK and F. O. E. GOODS
a Specialty
Our Trade-Mark "The Rose"



Stands for Quality and Excellence



Henry Freund & Bro.

DIAMONDS, WATCHES and JEWELRY

71 Nassau St., New York



No. ZN104—Hand carved Pearl in Marguerite design with sterling stem etched to match.

THE LARGEST UMBRELLA MAKERS IN THE WORLD

Follmer, Clogg & Co.

395, 397, 399 BROADWAY, NEW YORK.
1031 Chestnut St., Philadelphia, Pa.
330 Hays St., San Francisco, Cal.
Factory: Lancaster, Pa.

Fine Umbrellas and Handles

Including all the latest foreign novelties especially selected for the jewelry trade. See our immense assortment of distinctive creations for Fall trade.

Our Supply Department
has unsurpassed facilities for furnishing Handles, Bands, Tips, Covers, Name Plates, etc.
Catalogue on request.



No. ZL133.
All Silver Handle, handsomely etched in Rococo design.

Queen of the Corals

Prices that Allure

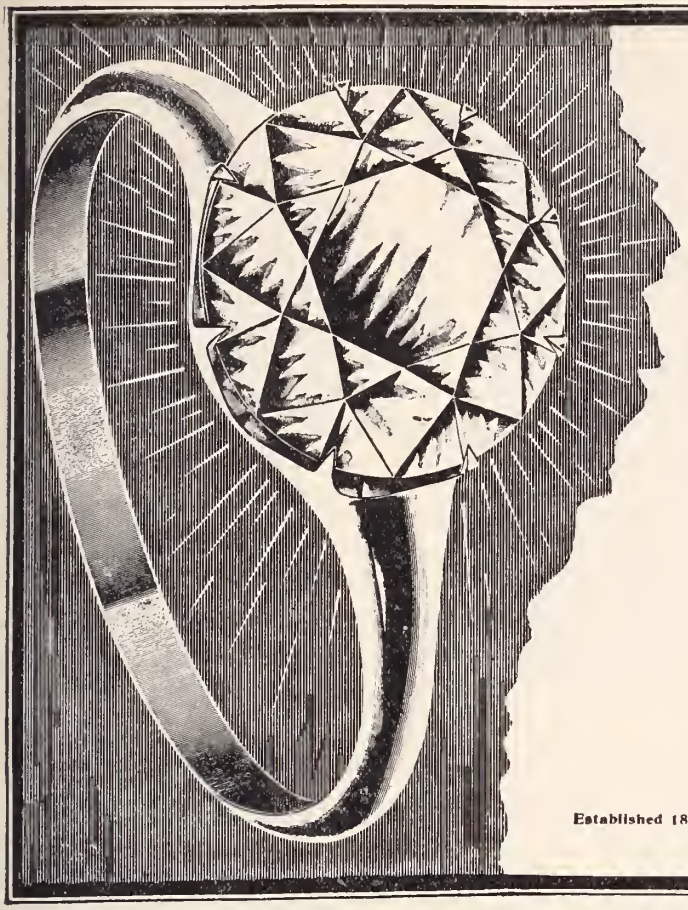
TO-DAY WITNESSES the strongest demand for superior Coral that has ever been known. The famous Japanese Coral is Nature's crowning product in this line. It—and it alone—satisfies the demand for fine, rare, light-hued Coral. It is the veritable "Pink of Perfection."

The gem-like beauty of this Coral adapts it to much the same uses as many of the gems. See how artistically and effectively it is embodied in the designs of our **COMBS, NECKLACES, HAT PINS, BRACELETS,** etc. Designs include fine reproductions from old masters of the craft. Colonial Engraved, Italian Campania and a variety of other effects. A rich and varied showing. Prices surprisingly low.

D. Lisner & Co.

Creating Importers of Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



Single Stone Diamond Rings

We carry a large stock of Ladies' and Gents' Diamond Rings. The tag of each ring is marked with a letter or number to correspond with our "Grading System," to indicate the quality of the diamond.

This is a time-saver for the expert and a safe and sure guide for the inexperienced. Where they are marked as being perfect we warrant them as being so.

We also have a complete assortment of loose diamonds and can supply any jeweler's needs. Our prices will enable you to meet any competition. Order of us and others, and compare prices and qualities, when you have a prospective sale.

HENRY GINNEL & CO.

DIAMONDS and WATCHES

Established 1835

31 Maiden Lane, NEW YORK

We invite out-of-town buyers to see our line of BRACELETS

WE ARE MAKING THE LARGEST LINE OF

Bracelets

IN THE COUNTRY, SET WITH

DIAMONDS, RUBIES, SAPPHIRES, PERIDOTS

and all the modern stones

SET IN BOTH

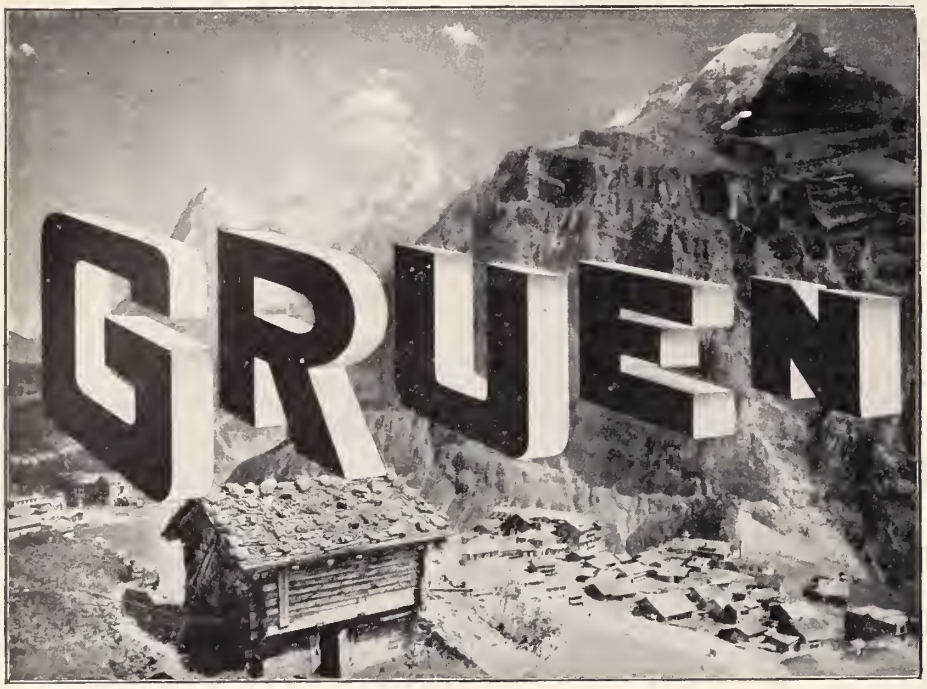
Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

CHARLES P. GOLDSMITH & CO.

33 GOLD STREET
NEW YORK

Our salesmen are now out with our large line of BRACELETS





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



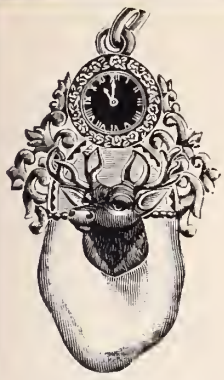
which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE,
12-14 JOHN ST.

CHICAGO OFFICE,
103 STATE ST.

FACTORY,
NEWARK, N. J.












OUR ELK EMBLEMS



Have gained a wonderful prestige with discriminating buyers. This is due to their beauty of design, superior workmanship, elegance of finish, and solid intrinsic value. Also, to the low prices at which they are offered, frustrating every competitive attempt and all ambitious rivalry. Within the extensive range of our manufacture are included Elk, Eagle, Masonic, K. of P., and all other societies, fraternities, etc. They are copiously illustrated in our 1906 Catalogue, and Supplement. If you have not as yet received it, be sure you write for it. If your jobber does not handle our line, send to us direct.

THE GUSTAVE FOX CO.

Nos. 14-16 East Fourth Street, - Cincinnati, Ohio, U. S. A.



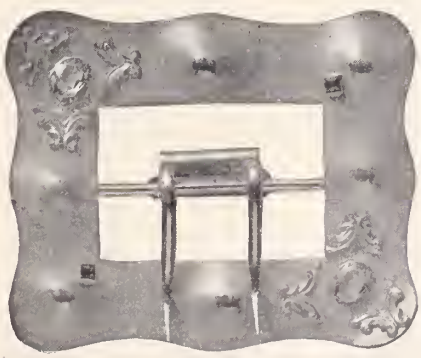
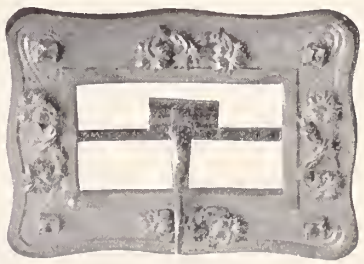
Stamp our New Trade-Mark on your memory. It is a Guarantee upon which you can safely stake your reputation.

The "Fine Mark" on Government Gold is not a stronger Guarantee than our Trade-Mark on Emblems. :: :: :: ::



OUR FALL LINE of BUCKLES

is Beyond Compare for Value and Variety

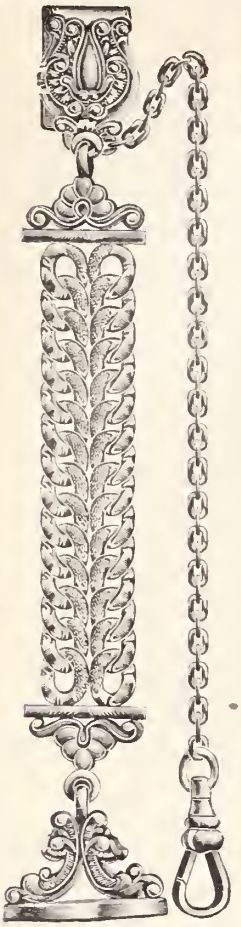




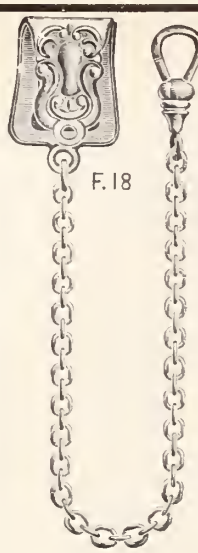
Don't wait too long before getting in that line of Buckles for your Fall trade. You will *have* to have them anyway, so why not get them *now* and be *first* in the field? Our line is replete with those "catchy" new patterns that are winners everywhere. No expense has been spared to make this line the best in the country, and we are showing a line that for variety of design, beauty of finish and low prices is the best ever. If you are unable to see this line at our factory or in New York, drop us a line and we will have our salesman call on you just to show you that we have the goods that *you* need.

C. H. EDEN COMPANY, ATTLEBORO, MASS.

Address all communications to the Home Office at Attleboro, Mass.

New York Office: 699 Broadway





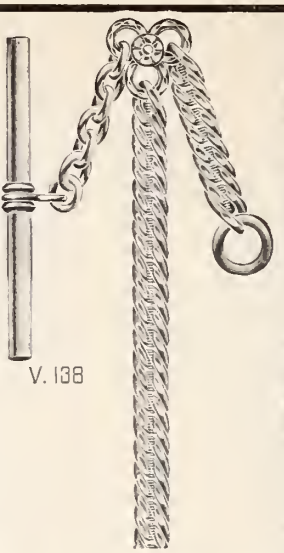
BATES & BACON

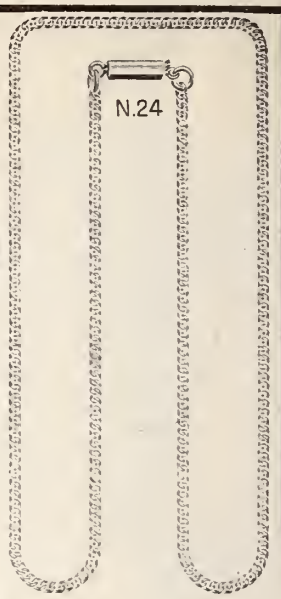
Attleboro, Mass.

OFFICES:
NEW YORK, 9 Maiden Lane
CHICAGO, 103 State St.

Makers of
HIGH GRADE CHAINS

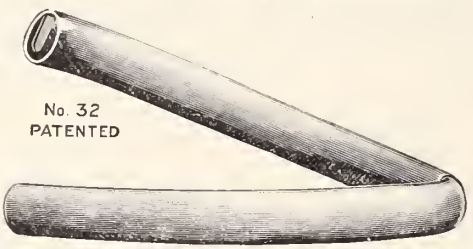
The BEST SAFETY FOB is one of our specialties; Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets and Chatelaines.

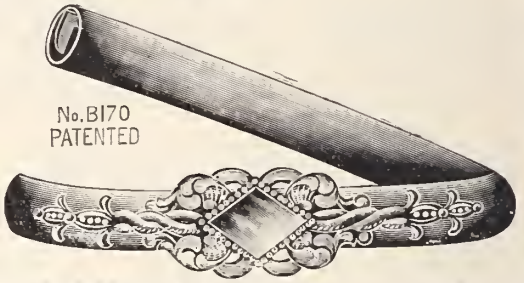




The New "Bates" Bracelets

"Kant-Kum-Off"







THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18K., 14K., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

Koshland & Italie Co.

702 Chestnut Street, PHILADELPHIA, PA.

ILLINOIS WATCHES.

¶ We are headquarters in this vicinity for this desirable line of movements.

Send us Your Orders.

Diamonds, Watches and Jewelry



No Springs
No Screws

CAN BE PUT
IN A TRUNK

THE PERFECT SHAPE UMBRELLA

"MAIDEN BALTIMORE"

IT IS now nearing the time when Jewelers are looking toward purchasing their stocks for the Fall and Holiday seasons in Umbrellas and Canes. We are prepared with our line, which we have specially designed for the Jewelry Trade. It consists of rare novelties, and things entirely new and exclusive.

Our Detachable Handle Umbrella has met with great favor, and will increase your Umbrella Business, as it is the only one on the market without levers, springs or screws.

We make Umbrellas from $1.50, with Sterling Silver and Gold Handles, up to $125.00 each, and Canes from 50 cents up to $25.00 each. *Send for a Selection, Express paid.*

SIEGEL, ROTHSCHILD & CO.

MAKERS

418-420 West Baltimore Street, BALTIMORE, MD.

NEW YORK SALESROOM
353 Broadway

PHILADELPHIA SALESROOM
1011 Chestnut Street

DESIGNS

For Silverware, Novelties and Jewelry

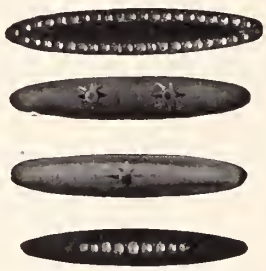
FINE ETCHING

We etch sports, figures, animals, scenes, etc., on silver.
Veritable works of art at a reasonable price.

CHARLES M. PRIOR ('PHONE 1224 HARLEM) 1683 Madison Ave., New York



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK,
3 MAIDEN LANE.

CHICAGO,
42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

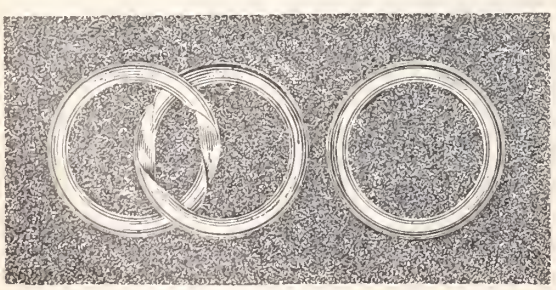
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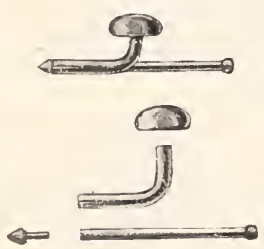
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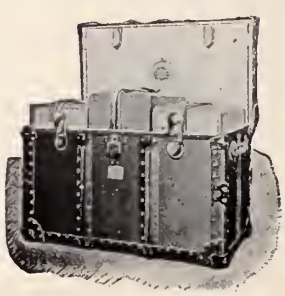
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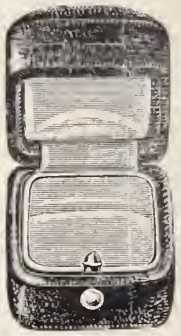


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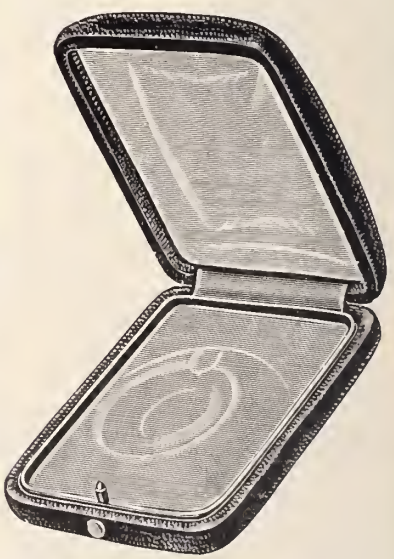
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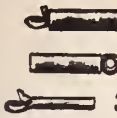


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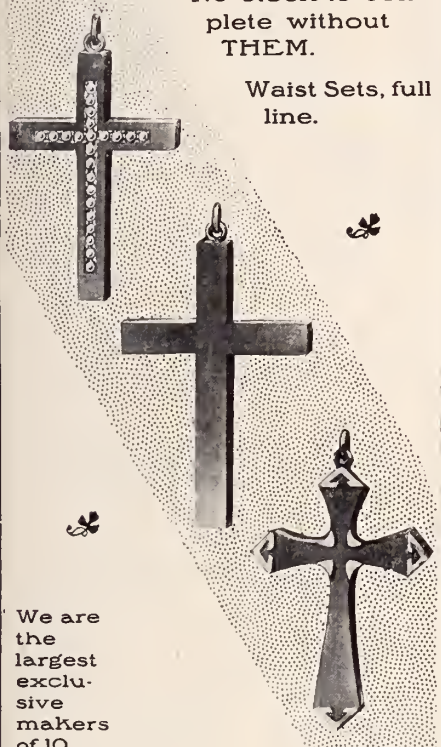
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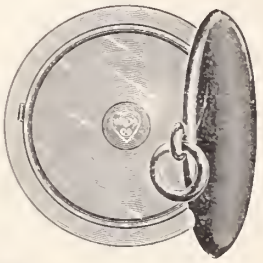
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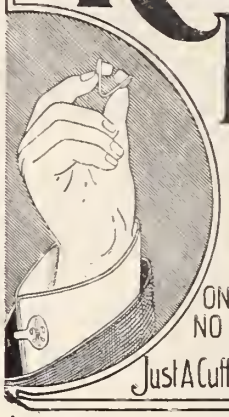


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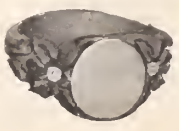
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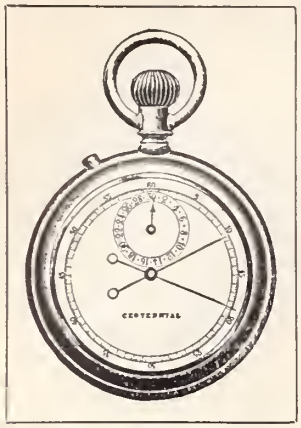
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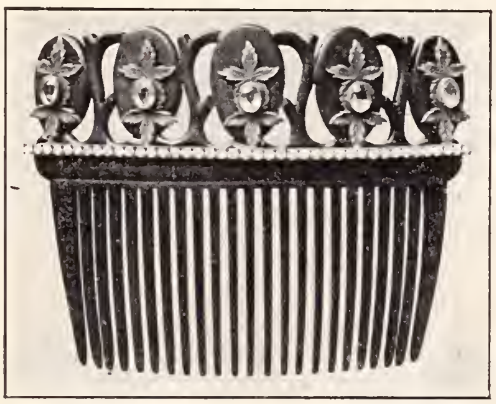
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Our new line shows many designs, highly artistic and attractive, that will prove rapid sellers. The highest class of workmanship is characteristic of all our lines. Ask your jobber for our

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Mr. Retailer:

"What shall the harvest be?"

Don't forget to "shake the trees" that bear **Solidarity Gold Watch Cases.**

Now they are loaded with the richest, most luscious crop imaginable. **Now** is the time to gather.

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THE ALTERNATING

Rings and stops alternately for 15 minutes at intervals of 20 seconds.

THE ALTERNATING is the clock you have all been waiting for; a good reliable low-priced intermittent alarm. The movement is SIMPLICITY itself—no extra wheels, nothing to get out of order, and all the advantages of the Western Casting Process: FRICTION-LESS Pivots, SELF-CENTERED Wheels, HARD-STEEL PALLET Escapement.

4½-inch dial **7 inches high**

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Another of our new patterns in Toilet and Manicure goods.

Take particular notice of the new shape of Bonnet Mirror, which will be appreciated by every lady who uses one, it is so convenient. The regular shape can be furnished a little later if it is desired.

Our new line of Sterling Silver silk-lined Jewel Cases is especially attractive, and we are showing a great many Novelties which we will have illustrated in our new Catalogue, H, now in the hands of the publishers.



Owing to the phenomenal demand for

"The Armlet,"

the F&B invisible joint bracelet, it has been impossible to keep pace with the orders, but we now believe we shall soon be able to make prompt shipments.

See our full lines of gold-filled Lockets, Charms, Crosses, Pendants, Chains, Fobs, Neck Chains, Collarettes, Pins, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrette Pins, Belt Pins, Waist Sets, Buckles, Hair Chain Mountings, Ribbon Book Marks and a large line of Sterling Silver Novelties.

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350 King Street, Kingston, Ont.

Handsome Gifts to the British Battleship "Dominion" by the People of Canada.

IN recognition of the compliment paid to Canada in the naming of the British battleship *Dominion*, one of the latest and most formidable additions to the Imperial navy, some 19,000 Canadians contributed to present a silver shield, loving cup and four silver cigar boxes to the ship. These gifts, costing in all about $2,500, are exceedingly handsome specimens of Canadian workmanship, and were designed and manufactured by P. W. Ellis & Co., Ltd., Toronto, Ont.

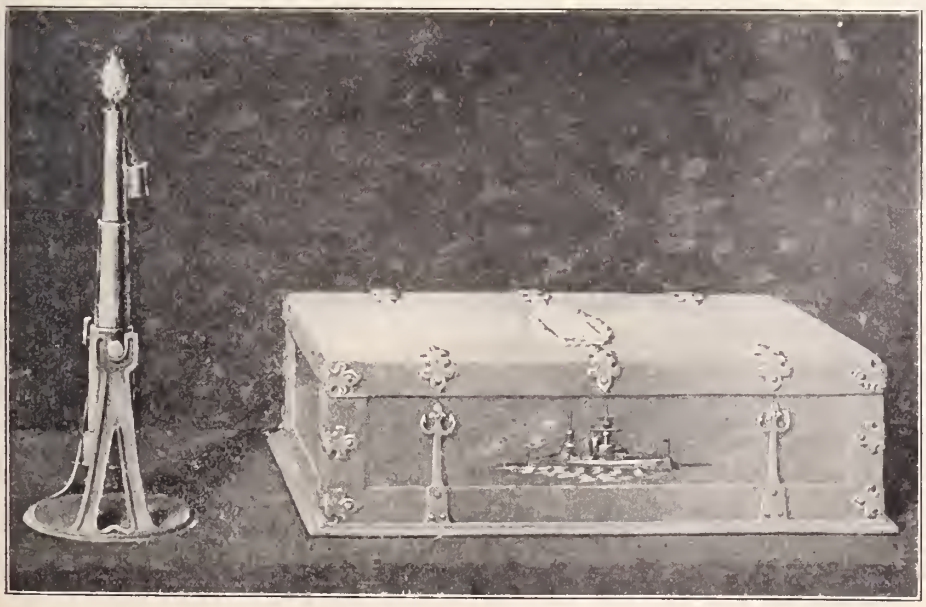
The base of the shield, illustrated on this page, is of British mahogany, and is four feet three inches high. The shield proper is 40 inches in height, solid throughout and made of one piece of metal, the raw material being the product of Canadian mines. It is heavily chased and modeled to bring out the details. The design shows medallions of the legislative buildings of the Provinces of Ontario, Quebec, Manitoba and New Brunswick in perspective, their architectural features being well brought out. These are enclosed by stamp scroll workmanship, and at the top are the Parliament buildings at Ottawa. In the center of the shield is a finely executed model of the *Dominion* battleship surmounted by Neptune, crowns and spears, shells and other nautical emblems. Below are the Canadian arms in repoussè work, supported by the Union Jack and the Canadian ensign. The agricultural and natural products of Canada are represented by fruits, grains and a forest scene. The border is composed of a chain of maple leaves, united by buckles bearing the names of the provinces. The panel above the shield bears the inscription: "From the people of Canada to H. M. S. *Dominion*." The shield is also surrounded by a laurel panel wreath bearing spaces for the names of successful gunnery competitors.



SILVER AND MAHOGANY SHIELD PRESENTED TO H. M. S. "DOMINION" BY PEOPLE OF CANADA.

The sterling silver bowl designed as a centerpiece for the *Dominion's* silver service (illustrated on the front cover) measures 20 inches in height and 24 inches in width. It is thoroughly Canadian in design throughout. The feet are of scroll work, showing entwining maple branches, arising from which are a series of maple-leaf festoons gracefully surrounding the base and enclosing panels, in which medallions of the provincial buildings are displayed. Beavers rest upon two of the feet and the other feet bear a decoration consisting of the Dominion coat of arms draped with British and Canadian flags resting on a Canadian moose.

The massive bowl rises from the base on a stem ornamented with maple leaves. The top is fringed with crested waves and sea shells. The bowl has three panels framed in embossed Elizabethan strap scrolls. The front center panel shows a ship of the Viking period, and in another an etched reproduction of Nelson's victory. A panel on the opposite side is reserved for an inscription. The handles present a striking conception, showing two mermaids in scroll repoussè leaning upon dolphins, the latter being in contact with the waves on the rim of the cup, forming a highly artistic and elaborate design. The general finish of the cup is of soft French gray, blending in bold relief with its groundwork. The inside of the bowl is gold lined. A spoon 18 inches in length accompanies the bowl, which bears emblematic national decorations of a similar character.



SILVER GUN-SHAPED CIGAR LIGHTER AND CIGAR BOX IN FORM OF A SAILOR'S CHEST.

The four cigar boxes are in the form of

"N. B. T."

The above is a trade mark used by an old reliable retail clothing concern in Philadelphia and means, "None Better Tailored."

We would change the last letter and have it read,

"N. B. M."

(None Better Made), and could honestly apply it to the various lines of gold jewelry that we make.

When you see Rings, Lockets, Cuff Buttons, Shirt Studs or Vest Buttons with this

Registered  Trade-Mark

stamped upon them, you are assured that in price, quality and construction there are None Better Made.

The 1907 Edition of the LARTER GOLD BOOK now on the press. A postal will bring one.

4 over 40 years Ring Makers

Larter & Sons

21-23 Maiden Lane New York



Registered Trade-Mark.

miniature seamen's chests, each bearing a model of the ship and the Canadian coat of arms. They are accompanied by lighters in the form of six-inch guns on a stand.

In design, workmanship and finish these presentation gifts mark a distinct advance in the silversmith's art in Canada.

Exports of Jewelry, Silverware, Optical Goods and Kindred Lines from New York.

WASHINGTON, D. C., Aug. 21—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Antwerp: 2 packages jewelers' material, $106; 1 package jewelry, $1,000; 1 package watch cases, $310.

Bombay: 1 case watches, $130; 4 packages plated ware, $312; 10 packages clocks, $125.

Bremen: 4 packages plated ware, $290; 2 cases jewelry, $2,206.

Buenos Ayres: 3 packages plated ware, $549; 1 package optical goods, $145; 1 case watches, $761; 5 cases watches, $979; 11 cases watches, $744.

Calcutta: 121 packages clocks, $992; 1 case watches, $108; 1 case jewelry, $119.

Hamburg: 2 packages optical goods, $188; 1 package scopes and views, $100; 1 package optical goods, $250; 6 packages jewelry, $350.

Havana: 5 packages plated ware, $522; 67 packages clocks, $531; 1 package jewelry, $199; 2 packages silverware, $183; 1 package optical goods, $180; 11 packages clocks, $152.

Havre: 3 packages clocks, $180; 1 package jewelry, $500; 2 packages optical goods, $150.

Liverpool: 2 packages plated ware, $1,071; 2 packages jewelry, $828; 138 packages clocks, $2,733; 5 packages jewelers' sweepings, $250; 1 package plated ware, $850; 2 packages jewelry, $906; 1 package optical goods, $429; 53 packages clocks, $1,047; 3 packages jewelry, $559; 22 packages plated ware, $2,364; 5 packages scopes and views, $695.

London: 35 packages clocks, $360; 8 packages optical goods, $2,131; 1 package scopes and views, $150; 32 cases watches, $4,976; 1 package clocks, $400; 1 package jewelry, $450; 1 package scopes and views, $390; 53 packages clocks, $1,885; 433 packages clocks, $4,073; 3 packages thermometers, $253; 38 packages watches, $4,957; 6 packages optical goods, $1,253; 1 package jewelry, $180; 10 packages clocks, $265; 10 packages optical goods, $2,300; 2 packages jewelry, $173.

Manaos: 2 packages plated ware, $115; 7 packages optical goods, $788; 30 packages clocks, $622; 8 packages jewelry, $986; 6 cases watches, $778; 8 packages tower clocks, $866.

Montevideo: 1 case watches, $500.

Paranagua: 1 package jewelry, $173.

Rangoon: 23 packages clocks, $333.

Rio de Janeiro: 24 packages clocks, $291.

Santiago: 28 packages clocks, $440.

Savanilla: 4 packages quicksilver, $165.

St. Johns: 5 packages clocks, $118.

Sydney: 3 packages optical goods, $150; 11 cases watches, $1,420.

Tampico: 1 package plated ware, $220.

Turin: 3 packages clocks, $127.

Valparaiso: 1 package clocks, $110.

An unsuccessful attempt at robbery was made at the jewelry store of E. S. Cole, 48 Erie Ave., Niagara Falls, Ont., at noon on Tuesday, Aug. 21. Only one clerk, George Kale, was in the store. A stranger asked to look at some diamond rings, and was followed by another man who asked for souvenir post-cards. While Kale was occupied in serving the latter the first comer took a diamond ring valued at $100 and substituted a close imitation of it. The fraud was detected before the thief left the store, and on being charged with it he hastily shook the ring out of his sleeve, where it had been secreted, and escaped. The presence of the other man prevented the clerk from leaving the store in pursuit.

Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in The Jewelers' Circular-Weekly, *July* 18, 1906, *and will be continued in this and succeeding issues until completed.]*

KUNZITE, BERYL AND TOURMALINE.

CALIFORNIA.—(*Continued.*)

The White Queen mine (at which the original discovery of kunzite was made in 1902) has been further opened by a cut in the main ledge, which revealed lepidolite and gem pockets. Salmon-pink lithium beryls were the principal gems found, some being very fine specimens. Gem tourmaline was also encountered to some extent, but nothing is reported of kunzite.

In the Catarina mine a large open cut has been made, and good material was shown. The "pay streak," or central gem-bearing zone of the ledge, varies from two to four feet in thickness and consists of quartz, albite and lepidolite. Several pockets were found, containing chiefly quartz crystals and violet-colored kunzite. Another opening, 100 yards to the east, revealed similar pockets, with pink kunzite and some indicolite, together with quartz crystals, often clear and fine. One pocket yielded nearly a ton of crystallized quartz, some individual crystals weighing as much as 40 pounds.

The Anita mine was tested by several cuts and yielded quartz crystals, lepidolite and good pink kunzite.

The Sempe mine was opened on two ledges, and fine pink beryl was taken from one and white beryl from the other.

The San Pedro mine is traversed by the same dike or vein as the Catarina and the Naylor-Vanderberg. In this a large open cut showed pink beryl, pink kunzite, green tourmaline, and fine quartz crystals.

A fine display of kunzite, both in the natural state and in cut forms, was made in the mineral cases of the San Diego County exhibit at the Lewis and Clark Exposition at Portland, Ore. These came from the mine on Pala Chief Mountain, and included large, well-colored crystals and fine, violet-tinted cut stones, one weighnig 150 carats and another 80 carats, besides other cut kunzites mounted in jewelry, with pearls, etc.

QUARTZ.

TEXAS.

Beautiful small crystals, from two to three mm. in diameter, doubly terminated and of absolute purity, resembling those from Herkimer County, N. Y., have been found near Mullen, Mills County, Tex., by Mrs. Ellen Oxley.

ROSE QUARTZ.

COLORADO.

A magnificent vein of rose quartz has been located by W. C. Hart, of Manitou, Colo., 25 miles west of Fort Collins, in Larimer County, Colo. The quartz vein crosses the road between Stove Prairie and Box Prairie at an altitude of 8,000 feet. The country rock is granite, with quartz veins running through the granite. Pieces weighing from one to 1,000 pounds could be taken out. There is a large body of the quartz, the vein in places being three feet thick. Some 21,000 pounds were taken out during 1905.

AMETHYST.

NORTH CAROLINA.

From time to time amethysts are brought in from localities in North Carolina, and especially from the region of Rabun Gap, Georgia, on the North Carolina border, although no quantity seems to exist to warrant mining at present. Yet many of the stones afford such rich, brilliant gems that at no foreign locality have choicer gems been found.

QUARTZ GLASS.

Quartz Fused for Chemical Ware.—Attempts have been made to manufacture articles for chemical use from quartz glass, and it seems that this result has been lately attained. Three chemists in Germany—Herceus, Siebert and Kuhn—have succeeded in blowing flasks of ordinary laboratory sizes from fused quartz. The mineral is melted in crucibles of iridium or iridium-ruthenium by the oxyhydrogen flame in a furnace of lime or magnesia. The difficulty in previous attempts has been that the quartz glass produced was full of bubbles. But these escape if the quartz is kept in fusion for some time, and this can be done in a crucible of iridium which will sustain a temperature of 2,200° C., as quartz requires for the vitreous modification only about 1,700° C. The operation of blowing the quartz glass is one of extreme delicacy. The vessels produced are almost completely unaffected by acids or salts, but naturally are attacked by alkaline solutions.

NONCRYSTALLINE QUARTZ.

AGATE—INDIA.

Agate is obtained in considerable quantities in India and is exported both to Europe and to China, as well as worked at some points by native lapidaries. Its source is in the amygdaloidal portions of the Deccan trap flows, and it is collected at numerous places along or near the edge of the trap, especially in the State of Rajpipla, from a conglomerate near a village named Ratanpur. The principal place where it is sold and cut is Cambay, in the Bombay Presidency, though agate cutting is also done at Jabalpur and some other points. Data as to quantities and values are not readily obtainable.[1]

MOSS AGATE—WYOMING.

An extensive demand for the moss agate found in Hartville district, Wyoming, is reported, a single party having taken out four and one-half tons of this material, which was sold in Germany at an average price of $200 per ton.

JASPER—CALIFORNIA.

An outcropping of jasper two feet wide has been uncovered in the brushy country near Dulzura, San Diego County, Cal.[2] The rock is ribbed in different directions with red and yellow streaks combined with a soft gray. It is claimed that it polishes beautifully, and that the brilliant colors blend most delightfully when polished.

JASPER—TEXAS.

A remarkably interesting occurrence of jasper has been discovered 20 miles north of Brackettville, Kinney County, Tex., as an outcrop on the mountain side. The jasper occurs in bands of brown and white, yellow and white, and red and white, strikingly resembling that of Trego County, Kans.

OPAL.

OREGON.

In the last report of this Bureau[3] a reference was made to specimens of opal obtained some years ago from Oregon. What seems probably to be this same occurrence is spoken of by L. Bush Livermore, of Baker City, Ore., in an article in the Mining Record[4] of July 29, 1905, on the precious stones of that State. The section that he describes is that known as the Burnt River region, an area of some 800 square miles a little south of Baker City. A few miles below the town of Durkee a creek flowing from the slopes of Lookout Mountain cuts through a series of bedded tufas. Here have been found opal-bearing cavities in a rhyolitic tufa, the opals somewhat abundant and quite handsome, but frequently with a bluish tint and not very brilliant. A quarry has been opened to test both quantity and quality.

NEW SOUTH WALES.

The opal deposits of New South Wales have been described again in a hand-book for miners and prospectors, issued under the direction of the minister of mines and agriculture of that colony, Hon. S. W. Moore, M.P.[5] These interesting and important opal mines have been treated of quite fully in the reports of this Bureau, together with those of Queensland,[6] which are continuous with them and geologically identical. So far as description is concerned little is added in this recent volume, but the extent of the opaliferous area is shown to be wider than heretofore announced. A new region is described much farther east than any previously known, at Wallangulla, in the county of Finch, situated in the Walgett division, about 50 miles north of the town of Walgett, half way to the Queensland border. The rock here is an outlier of the Desert Sandstone (Upper Cretaceous), and the conditions are identical with those in the White Cliff's region, which lies some 300 miles away, in a direction south of west.

[1]Geol. Survey, India, vol. 32, pt. 1, 1905, p. 107.
[2]Los Angeles Min. Review, Dec. 23, 1905.
[3]Mineral Resources U. S. for 1904, U. S. Geol. Survey, 1905, p. 956.
[4]Mining Record, July 29, 1905.
[5]Guidebook for the Use of Prospectors in New South Wales; Sydney, New South Wales, 1905, pp. 33-34, 42-43.
[6]Mineral Resources U. S. for 1902, U. S. Geol. Survey, 1904, pp. 854-856.

The opal from Wallangulla is described as of fine, deep color, and a good deal of it is of the highly prized mosaic or "harlequin" variety. No large quantity has yet been taken out, however, and the field needs to be developed. It is judged that there may be many other good localities in this region, between Walgett and the Queensland border, but the country is remote and difficult of access, and those now at work find it hardly possible to make their expenses under present conditions.

The output from the White Cliffs district since 1890 has been very large, reaching, to the end of 1904, a total estimated value of £873,599, or about $4,250,000. It has increased in the last decade quite irregularly but largely, although in 1904 it fell off seriously. This is attributed to a difficulty in obtaining first class material, while the lower grades have been produced in excess and have fallen greatly in price.

WEST AUSTRALIA.

The occurrence and the peculiarities of croeidolite opal in West Australia have been noted in the reports of this Bureau for the last three years. In the annual report of the Geological Survey of West Australia for 1904[1] the existence of a precious opal at Coolgardie is described by the government geologist, A. Gibb Maitland. His assistant, C. F. V. Jackson, was sent to the locality to collect and report. The conditions are peculiar, the opal occurring in a seam or belt of dark, compact, slaty rock, thought to be a metamorphosed phase of the schists and amphibolites of the district. The rock is full of joints and partings, infiltrated with silica, which occupies small fissures and cavities, both as quartz and as opal. The latter is chiefly of the common variety, but is sometimes precious and of fine quality. The veinlets are so small that little opal can be found suitable for cutting, yet in places the cracks filled with opal form such a network that the whole might be worked as a beautiful "matrix" stone. Mr. Maitland feels doubtful as to the prospect of this locality being profitable on any large or permanent scale.

OPAL PSEUDOMORPHS.

NEW SOUTH WALES.

In the White Cliffs opal district of New South Wales there occur many pseudomorphous forms of opal after shells, crinoids, saurian bones, and coniferous wood, and there are also curious masses of grouped crystals, known locally as "fossil pineapples," representing the replacement of some mineral not clearly determined.[2] A paper has lately appeared in regard to these problematic bodies, by Messrs. C. Anderson and H. Stanley Jevons,[3] in which they present the results of a very careful study of some of the best specimens obtained, and, after reviewing and dissenting from the suggestions of previous writers (see Mineral Resources for 1901), are led to believe that the original mineral must have been glauberite.

TURQUOISE.

CALIFORNIA.

In the last report of this Bureau, in the special section devoted to the gem minerals of California, the turquoise mines in the desert region of San Bernardino County were described.[4] It was there stated that these mines had produced a large amount of material, including some stones of unusual size, but that nothing had been done in 1904. Since then considerable quantities of material have been taken out, including many stones of large size, which range from 50 to several hundred carats. Some of the latter have sold as high as $1,500 each. The color is mostly a pale shade, but it has seemed to be popular, and large quantities have been sold in the form of beads for necklaces, etc., either of uniform size or graduated.

(To be continued.)

By raising an iron bar in one of the rear windows and crawling through the opening, a thief recently gained entrance into the store of J. H. Emery, Charlotte, N. C., and stole several watches and a small amount of cash. There is no clue.

[1]Ann. Prog. Rept. West Australia, 1904, pp. 19-21.
[2]Mineral Resources U. S. for 1901, U. S. Geol. Survey, 1902, p. 759.
[3]Rec. Austral. Museum, vol. 6, pt. 1, June, 1905, pp. 31-37.
[4]Mineral Resources U. S. for 1904, U. S. Geol. Survey, 1905, p. 966.

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Our salesmen are now out and showing larger and more varied stocks of Mounted Diamonds than ever before.

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Bay State Jewelers Prosper.

Report of Bureau of Statistics of Labor Shows Great Gains in Manufacturing Jewelry and Clock Industries.

BOSTON, Mass., Aug. 29—Figures which cry out in stentorian tones the growth of the jewelry business in Massachusetts were made public yesterday by the State Bureau of Statistics of Labor. They show that since 1904 the amount of capital involved, the product, the wage distribution, and every other item, has leaped forward as if by magic. The report is one on which months of work has been spent, and it is a highly gratifying statement from practically every point of view.

The census workers who prepared the document took all the figures gathered in the State census of 1904 and all the corresponding figures gathered in the National Census of 1905, and made a comparative set of tables. This involved more work than these few words imply, but the official introduction proves the task was no light one. In several departments different sorts of data were collected by State and Federal enumerators, and to harmonize them made the work which delayed the report until this time.

The report shows that between 1904 and 1905 the number of private firms engaged in manufacturing jewelry decreased by three, while the number of corporations increased by that same figure. In the same time the firms and corporations in the clock manufacturing line did not change their relative standing.

The number of partners in the private jewelry concerns dropped from 157 to 148, while the number of stockholders in the jewelry corporations rose from 121 to 169. Meantime the clock firms did not change their number of partners, but the clock corporations increased their stockholders from 672 to 677.

In the comparison of capital the report is slightly deficient. It shows that there was $8,388,173 devoted to the making of jewelry and $6,704,323 devoted to the making of clocks and watches in 1904. The census of 1905, however, did not take this information. It found out merely the amount of capital actually devoted to production. The amount of this capital in this jewelry business in 1905 was $4,978,580, and in the clock and watch business was $6,106,222. The comparison, therefore, is not an exact one. Such items as bills receivable, unsettled ledger accounts, unfinished products on hand, and various sundries are ignored in the set of 1905 figures. These items, it is explained, were left out of the second set of statistics on the ground that they leave too much leeway to individual interpretation, and are never sufficiently exact.

The amount of stock used in 1904 by the jewelers was valued at $3,869,977, while in 1905 it rose to $4,926,392, an increase of $1,056,415, or 27.30 per cent. In the watch and clock business the 1904 stock was $777,804, and the 1905 stock was $729,023, a decrease of $48,781, or 6.27 per cent.

The value of the jewelry product in 1904 was $10,347,507, and the next year $12,287,979, an increase of $1,940,472, or 18.75 per cent. In the clock and watch industry the 1904 product was $4,146,434, and last year's $4,168,750, an increase of $22,316, or 0.54 per cent.

The average number of person employed by the jewelers rose in the year in question from 5,703 to 6,239, or 536, an increase of 9.4 per cent. The working force of the clock and watch makers rose from 3,764 to 3,868, or 104, an increase of 2.76 per cent.

In the year that the jewelers had 5,703 for an average working force, the smallest number ever at work was 4,643, and the largest 6,848. The next year, when 6,239 was the average, the smallest force was 5,105, and the largest 7,589. In 1904 the smallest and largest numbers of watch and clock makers were 3,581 and 3,906, respectively, and last year 3,778 and 3,924, respectively.

The jewelry workers earned in 1904 a total of $2,839,609, and last year $3,348,566, a gain of $508,957, or 17.92 per cent. The clock and watch workers' increase was from $2,101,171 to $2,123,421, a jump of $22,250, or 1.06 per cent.

The jewelry workers' average yearly earnings for 1904 were $497.91, and the next year $536.72, a gain of $38.81, or 7.79 per cent. The clock and watch makers' average yearly wage fell off from $558.23 to $548.97, a decrease of $9.26, or 1.66 per cent.

In the jewelry plants in 1904 the men and machinery were busy an average of 286.09 days, which the year following was raised to 289.91 days. In the clock and watch plants the number of days in 1904 was 293.02, which fell off last year to 287.96.

Considering the full capacity of each plant as 100 per cent., the jewelers in 1904 developed only 63.83 per cent. of their efficiency, while in 1905 they did better, 70.21 per cent. The clock and watch concerns made a record of 78.30 per cent. efficiency the first year, dropping last year to 75.90 per cent.

In the records of towns there are only two of any value to this summary. These are Attleboro and North Attleboro, where the jewelry industry is practically the exclusive activity. The full figures are given in the following table:

	Value of stock used.		*Value of goods made.*		*Average number of persons employed.*		*Total amount paid in wages.*	
	1904.	1905.	1904.	1905.	1904.	1905.	1904.	1905.
Attleboro	$4,402,638	$5,041,147	$9,607,956	$10,763,771	4,828	5,099	$2,357,466	$2,655,628
No. Attleboro.	1,383,529	1,825,048	3,734,083	4,628,860	1,892	2,094	1,022,434	1,224,042

Imports of Clocks, Watches, Jewelry and Gems into Canada.

TORONTO, Can., Aug. 29.—The report of the Department of Trade and Commerce of Canada for the month of May last shows imports for home consumption in the jewelry and kindred trades as follows:

	Month of May,		*Eleven months ended May 31,*	
Clocks:	1905.	1906.	1905.	1906.
Great Britain	$491	$1,207	$10,548	$9,624
United States	20,007	28,933	222,355	248,938
Germany	3,783	2,807	37,383	34,249
Other countries	137	1,125	11,330	14,401
Totals	$24,418	$34,072	$281,616	$307,212
Watches:				
Great Britain	$1,494	$2,965	$22,602	$25,925
United States	61,069	51,634	613,215	630,186
Switzerland	14,736	12,315	168,664	152,033
Other countries	4,671	3,814	30,079	42,436
Totals	$81,970	$70,728	$834,560	$850,580
Jewelry:				
Great Britain	$6,508	$13,890	$73,748	$81,267
United States	33,612	47,354	609,745	645,804
Germany	4,873	9,855	51,545	52,991
Other countries	4,647	3,996	32,137	29,423
Totals	$49,640	$16,089	$767,175	$809,485
Gold and silver and manufactures of:				
Great Britain	$14,752	$22,493	$103,040	$156,780
United States	23,254	22,580	294,196	276,185
Other countries	6,685	9,528	58,380	57,393
Totals	$44,691	$54,601	$455,616	$490,358
Precious stones of all kinds and imitations of (dutiable):				
Great Britain	$8,512	$6,036	$18,728	$13,758
United States	1,909	13,786	20,225	33,275
Other countries	1,853	7,617	17,001	27,999
Totals	$12,274	$27,439	$55,954	$75,032
Precious stones of all kinds and imitations of (free):				
Great Britain	$26,648	$158,868	$246,065	$562,432
United States	7,440	8,102	115,074	158,066
Holland	18,000	4,358	213,319	262,106
Other countries	182,094	23,360	718,494	385,502
Totals	$234,182	$194,688	$1,290,952	$1,868,106

Edward Vail & Co., Wichita, Kan., who have been awarded the contract to supply the silver service to be presented to the battleship *Kansas*, are in receipt of information announcing that the battleship will probably be completed and ready for service about Dec. 16.

J. S. Pfeiffer, Parsons, Kans., was a recent visitor to Coffeyville, where he was looking for a young man who, upon leaving his employ, it is alleged, had taken with him several watch chains and pins belonging to the jeweler. The man was found and the matter satisfactorily adjusted.

American Energy

AND PUSH OF OUR BUYERS ABROAD HAVE RESULTED IN LARGE SHIPMENTS OF EXCEEDINGLY FINE AND MEDIUM QUALITIES OF THE FOLLOWING GOODS:

Oriental Baroque Pearls
Round and Bouton Pearls
Round Tinted Pearls
Half Pearls
Round Cut Rubies
Emeralds and Sapphires
Aquamarines and Peridots

WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

L. Heller & Son

Importers of Precious and Imitation Stones.

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GEORGE H. HODENPYL. WALTER N. WALKER.

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DIAMOND JEWELRY

HODENPYL & WALKER

Unique and Staple Patterns

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Corner of Maiden Lane

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Repairing and Recutting Diamonds a Specialty

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WE ARE NOW SHOWING, IN ORIGINAL LOTS, AN EXCEPTIONALLY LARGE STOCK OF

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which will interest large dealers.

CYRUS PRICE & CO.

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DIAMONDS

A. ROSEMAN, 9-11-13 Maiden Lane, New York

IMPORTER OF

DIAMONDS

Maker of Diamond Jewelry

TRADE-MARK.

Established 1872

HEADQUARTERS FOR

AMERICAN WATCHES

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

JACOB BASCHKOPF,

DIAMOND SETTER,

LETTER AND MONOGRAM

ENGRAVER,

9-13 MAIDEN LANE,

Room 701 Jewelers' Bldg. NEW YORK.

Stolen Jewelry Returned.

Diamond Rings Taken from Utica Jewelry Store Delivered to the Police—Prosecution to Continue.

Utica, Aug. 30.—Twenty-two out of the 25 diamond rings stolen from Joseph Wineburgh & Sons' store on July 17 are back in the firm's show case. The jewelers came to this city from Boston on Monday, and then through the agency of a woman friend of Bliss the rings were turned over to Chief Cleveland, and to-day, upon the written consent of District Attorney Willis, were returned to the firm. The week's transactions form an interesting part of the most daring jewelry robbery which has ever taken place here.

The robbery, about noon on July 17; the subsequent arrest of Bliss and Young, two noted jewelry thieves, near Rome; the escape there of the third member of the quartette who took the diamonds from the case, and the arrest of Hayes and Reedie, two other suspects, at Brockport, near Buffalo, have been told in detail in previous issues of The Circular-Weekly. Bliss, who is believed to be the leader of the diamond thieves, at once realized that he was up against a hard fight, and he had been in custody only a few hours when there was talk about a return of the jewels.

Bliss, through his lawyer, got in communication with a woman in Boston, and on Monday she arrived in this city, claiming to be Bliss' sister. It was she who turned the jewels over to Chief Cleveland, recovering them from the place where the thieves had shipped them after the robbery. The jewels were valued at $3,000. Three rings valued at $500 are still missing, and it is believed the thieves cannot be made to disgorge them. A cheap ring which had been substituted for a valuable one has been returned.

The way in which the diamonds have been returned has been followed by considerable talk to the effect that the return of the stolen property by the thieves indicates that there has been some understanding that the three men now under arrest here—Bliss, Young and Hayes—will receive lighter punishment as a result of the restitution. This supposition, when one considers the official integrity of District Attorney Willis and Chief Cleveland, is very far fetched. These two officials will do their best to place the diamond thieves where they will be prevented from committing crime. Said Chief Cleveland to The Circular-Weekly correspondent:

"While I cannot, of course, speak for the district attorney or the judges in the courts, do not let the opinion get abroad that the thieves will escape sentence, if convicted. We have the men in jail, and their cases will be properly cared for. We have had Bliss and Young 'dead to rights,' as the saying is, almost from the start. The man's name is not Bliss, but he is well known to Inspector McLaughlin and other police officers, and he has been convicted a number of times before. When Bliss saw the record of his doings, which we had procured, he made the statement that we could not have obtained a better or clearer one if he had given it to us. As to Reedie and Hayes, I did not believe from the start that we had much of a case against them, and Reedie, of course, proved an alibi."

The three men are now in jail awaiting the action of the Grand Jury, which meets in November. Bliss and Young, it has been shown by evidence, were in the Wineburgh store when another member of the crowd cleaned out the diamond show case. Technically speaking, these two men did not take the jewelry from the case. They simply attracted the attention of the clerks when the case was robbed. Backed by the records of Bliss and Young, there is no reason, however, to believe that the men will not receive their just deserts from the courts here.

Joseph Wineburgh & Sons were glad to receive their diamonds. It has been understood for the past week that the diamonds would be returned.

Warrants have been lodged here for Bliss and Young, and they are charged by William F. Antemann, in Albany, N. Y., with the theft of about $2,000 in diamonds. Mr. Antemann has identified the two men as the ones who robbed him. One pretended to want a pin in a show window, and he kept Mr. Antemann with his back to the diamond case while his companion stole the diamonds.

It is understood that application will be made for the release of Hayes on nominal bail. This application will be made because of the published statement of Chief Cleveland that he did not believe that Reedie and Hayes were implicated in the theft.

Pennsylvania Retail Jewelers' Association Progressing—Pittsburg Retailers Give but Little Support to the Movement.

Pittsburg, Pa., Aug. 31.—A meeting of the Pennsylvania Retail Jewelers' Association has been called for Sept. 12 at the Hotel Schenley, this city, for the purpose of routine and giving the members a chance to listen to the report of the delegates who attended the National Association convention, held at Rochester. Incident to this meeting an effort will be made to organize the jewelers of Pittsburg into a separate organization for mutual local benefit.

One of the prime movers of the State organization, who did not care to be quoted for obvious reasons, said that he doubted very much if the Pittsburg association movement would prove a success, for the reason that local jewelers had not accorded the State movement the support that they should have given it. Few of the local jewelers have taken any interest in it, the real support coming from the retail jewelers throughout the other parts of the State. The same jeweler said that the indifference shown was to be regretted and did not speak well for the local trade. A strong effort is, however, being made to interest the local dealers.

While the retail dealers of the city are said to be indifferent to organization, there are signs that the wholesalers will get together and form some sort of an association.

The executive committee of the State organization held a meeting last night to transact some minor business and prepare for the general meeting called for Sept. 12. President A. C. Graul and Secretary C. S. Wiley are doing energetic work to get the retail jewelers throughout the State in the association, and their efforts are already beginning to show good results.

Death of Albion Keith.

Portland, Me., Aug. 29.—The death of Albion Keith, which occurred last Thursday, was deeply mourned in the business world of this city, as the deceased was not only one of the most prominent members of the jewelry trade in this section but had been a leading business man here for about half a century. The news of his death was a great shock to his many friends, as he had apparently been in his usual vigorous health and was at his place of business on Thursday morning. While on his way back to the store from lunch he suddenly fell forward and, when picked up it was discovered he was suffering from apoplexy. He died within a few minutes thereafter.

Mr. Keith, who was one of the founders and the manager of the corporation of J. A. Merrill & Co., was born in New Gloucester 70 years ago. He started in the jewelry business as a young man, and in 1874, with Jonathan A. Merrill, formed the firm of J. A. Merrill & Co. This business was continued as a partnership until 1898, when it was incorporated and Mr. Keith became the manager.

Outside of the jewelry business the deceased was active in religious and Masonic work, was identified with the First Parish Church, was a 32d degree Mason and held many positions of trust and honor in that order. In social life he also took an active part, and among other organizations was a member of the Cumberland Club. Quiet and modest in disposition, he was a man of great force of character, and had the ability of making strong friends among those with whom he came in contact. Generous and kindly to every one, he took a special pleasure in helping those who needed assistance, and was constantly doing many small acts of kindness which endeared him to his associates.

Mr. Keith is survived by a widow and three children, one of whom, W. F. Keith, is the treasurer of J. A. Merrill & Co.

Recent Reappraisements of Clocks, Watches and Precious Stones.

Clocks from Thomas Ernst Haller, Schwenningen, exported July 6, 1906, entered at New York (File Nos. 40946-47); findings of De Vries, G. A.: Pearl alarm clocks, 1701, entered at 116.85 marks per 100; repeating alarm clocks, 1823, entered at 162 marks per 100; and similar goods; discount, 3 per cent.; less freight to Rotterdam and consul fee. No advance. Packing included.

Precious stones from Bloch Freres, Paris, exported July 27, 1906, entered at New York; findings of Sharretts, G. A.: Rubis reconstruct; entered at 3, advanced to 3.50 francs per carat. Assortment of various precious stones, entered at 25, advanced to 30 francs for all.

Precious stones from Bloch Frères, Paris, exported July 27, 1906, entered at New York (File No. 40944); findings of Sharretts, G. A.: Rubis reconstruct, entered at 3, advanced to 3.50 francs per carat. Assortment of various precious stones entered at 25, advanced to 30 francs for all.

Watches from Franz Michaelson, Rome, exported June 5, 1906, entered at New York; findings of Sharretts, G. A.: One gold watch for lady, with a diamond at the center, No. 45923, entered at 400, advanced to 600 lire; 1 gold watch for man, No. 125268, entered at 600, advanced to 700 lire.

Y. C. Hamilton, Hampton, Ark., has gone out of business.

WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

Importers and Cutters of

DIAMONDS,

65 Nassau Street, Corner John, NEW YORK.

LONDON, Audrey House, Ely Place. AMSTERDAM, 6 Tulp Straat.

WHY

Do We Get So Many Fine Pearls?

(1) Because we know their value. (2) Because we pay the highest prices for them.

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AMERICAN PEARLS

Send them to us by registered mail or express.
We will make you a liberal **Cash Offer** by return mail.

BUNDE & UPMEYER CO.,

Mack Block, **MILWAUKEE, WIS.**

Full List of the Jewelry Stolen from Trunk of A. Eisenberg & Co., San Francisco, Cal.

The following is the list of jewelry sent out to all the police authorities by Pinkerton's National Detective Agency of San Francisco, which was stolen last month from the sample trunks of A. Eisenberg & Co., San Francisco, Cal., while they lay in the store of H. Frutig, Gilroy, Cal.:

PRECIOUS STONES AND DIAMONDS.

No. 1421—1 Brill., 2 less 1-16 cts.
No. 1441—1 Brill., 1⅛ and 1-32 cts.
No. 1408—4 Brill., 2⅝ and 1-64 cts.
No. 1417—4 Brill., 6⅛ less 1-32 cts.
No. 1420—1 Brill., 2 cts.
No. 6950—16 Brill., 5¾ less 1-32 cts.
No. 1426—Melee, 8¼, 1-16 cts.
No. 8385—Fine Melange, 10⅛, 1-64 cts.
No. 630—6 Emeralds, 1½ less 1-16 cts.
"A"—1 Emerald, 1¼ less 1-64 cts.
XX.—2 Emeralds, ½ ct.
No. 632—1 lot Opals, about 20 cts.
No. 1442—1 Brill., ⅝, 1-16 ct.
No. 607—1 Emerald, ¾ less 1-64 ct.
No. 1405—4 Brills., 1 ct.
No. 631—6 Opals.
No. 628—1 Opal, 2 less 1-16 cts.
No. 629—4 Opals, ⅜, 1-16 ct.
No. 505—1 lot Rubies Melange.
No. 617—1 Sapphire, 1¼, 1-16, 1-64 cts.
No. 604—3 Emeralds, 1¼, 1-64 cts.
No. 604—13 Rubies, 5⅜, 1-16 cts.

LADIES' CASES (SOLID GOLD), DIAMOND CASES, JEWEL SERIES WATCHES.

No. 6254796—1-0 size 14 ct. Htg. eng.
No. 6254795—1 size 14 ct. Htg. eng.
No. 6254792—1 size 14 ct. Htg. eng.
No. 6254777—1 size 14 ct. Htg. eng. with 7 jewel movement.
No. 254793—1 size 14 ct. Htg. eng. with 7 jewel movement.
No. 6254814—1 size Htg., ornamented.
No. 6254813—1 size Htg., ornamented.
No. 6254809—1 size Htg., ornamented.
No. 141155—1 size Htg., ornamented.
No. 6254818—1 size Htg., ornamented.
No. 6246591—1 size Htg., ornamented.
No. 6254803—1 size Htg., ornamented.
No. 238809—1 Os Htg. eng.
No. 6174794—1 Os Htg. eng.
No. 407197—1 Os Htg. eng.
No. 376250—1 Os Htg. eng.
No. 137724—1 Os 14 ct. Htg., satin fin.
No. 141665—1 14 ct. Htg., satin fin., E. T.
No. 408501—1 14 ct. Htg., orn.
No. 329203—1 14 ct. Htg., orn.
No. 6181176—1 14 ct. Htg., orn.
No. 6246592—1 14 ct. Htg., orn.
No. 142565—1 14 ct. Htg., dia.
No. 4810601—1 14 ct. Htg., dia.
No. 4810602—1 14 ct. Htg., dia.
No. 139262—1 14 ct. Htg., dia.
No. 4831229—1 14 ct. Htg., dia.
No. 4807466—1 Eng. emerald and dia.
No. 4807469—1 Eng. dia.
No. 4612015—1 Eng. carved.
No. 122341—1 Eng. dia.
No. 139261—1-Os Eng.
No. 114510—1-Os dia. emerald horseshoe.
No. 137722—1-Os dia. star.
No. 137715—1-Os dia. star.
No. 137710—1-Os dia. star.
No. 137728—1-Os dia. star.
No. 142832—1-Os 14 ct. Htg., Eng.
No. 143002—1-Os 14 ct. Htg., Eng.
No. 134427—1-Os 14 ct. Htg., Eng.
No. 140199—1-Os 14 ct. Htg., orn.
No. 4842642—Os 14 ct. open face, satin finish, plain satin finish, Roman color.
No. 4825434—Os 14 ct. Htg., satin finish.
No. 4860864—1 14 ct. Htg., satin fin., faceted edge border.
No. 143150—1 14 ct. Htg., satin fin., verm. border.
No. 143193—O size Htg., satin fin., Eng.
No. 143203—1 size Htg., Eng.
No. 135862—1 size Htg., Eng.
No. 142999—1 size Htg., Eng.
No. 143200—1 size Htg., Eng.
No. 4724302—1 size Htg., Eng.
No. 6254806—1 size Htg., orn.
No. 117059—1 size Htg., Eng.
No. 4739678—1 size Htg., Eng.
No. 6263786—1-Os 14 ct. Htg., satin fin.
No. 137726—1-Os 14 ct. Htg., satin fin.
No. 6263781—1-Os 14 ct. Htg., satin fin.
No. 132443—1-Os 14 ct. Htg., satin fin.
No. 130805—1-Os dia. star.
No. 143125—1-Os dia. star.
No. 143142—1-Os dia. star.
No. 4698322—1-Os dia star.
No. 142438—6 c. E. T.

JEWEL SERIES.

No. 372570—1-Os Eng.
No. 129007—1-Os Eng.
No. 133574—1-Os Eng.
No. 5037136—1-Os Eng.
No. 124422—1-Os Eng.
No. 134072—1-Os Eng.
No. 383420—1-Os Eng.
No. 6192190—1-Os Eng.
No. 325267—1-Os Eng.
No. 114637—1-Os Eng.
No. 121406—1-Os Eng.
No. 123409—1-Os Eng.
No. 129031—1-Os Eng.
No. 124434—1-Os Eng.
No. 133572—1-Os Eng.
No. 133579—1-Os Eng.
No. 174231—1-Os Eng.
No. 129022—1-Os Eng.
No. 372573—1-Os Eng.
No. 134064—1-Os Eng.
No. 3252514—1-Os Eng.
No. 142898—1-Os Eng.
No. 136140—1-Os Eng., satin fin.
No. 4775340—1-Os Eng., satin fin.
No. 417457—1-Os Eng., satin fin.
No. 136139—1-Os Eng., dia. fin.
No. 127740—1-Os Eng., dia. fin.
No. 127742—1-Os Eng., dia. fin.
No. 6162903—1-Os Eng., open face.
No. 134615—1-Os Eng., open face.
No. 128944—1-Os Eng., open face.
No. 136141—1 Sat., dia., Htg.

306 Seal rings, selling price from $1.50 to about $15, mostly Roman finish, fancy engs. on shanks of same. About 12 photo. signet rings in this lot. All the rings ranged from light weight to heavy weights.

542 Emblem pins and buttons (gold), consisting of Masonic, Odd Fellows, Woodman, Workman, Rebecca's Eastern Star and possibly few other orders. All these emblem pins and buttons consisted of assorted patterns and designs, same being on cards, three on a card.

As all these goods are new, an effort might be made to dispose of them to jewelers, wholesalers or retailers, through a bogus salesman with sample cases.

If any of these goods are offered by any one, kindly call upon the police to arrest those offering them, and communicate with Pinkerton's National Detective Agency, 927 Eddy St., San Francisco.

The Scientific Marketing of a Product.

THE first step toward scientific marketing is to fully recognize that the work is complex and not a single act. That it is to be done step by step, and that in each step methods are to be employed best adapted to the nature of the work.

There has been a revolution in the methods of production which calls for a radical change in the methods of marketing. The work of modern marketing is largely informative or educational, and the key to the situation is printing.

A clear conception of the nature of the work of marketing would cause some houses to greatly reduce the expenses incurred in unnecessary sales machinery and to correspondingly increase their publicity work.—*Selling Magazine.*

The entire fourth floor of the New Enterprise building at Saginaw and 3d Sts., Milwaukee, Wis., will be occupied by manufacturers and jobbers in the jewelry trade. Among those who have already secured quarters in the building are E. H. Warnke & Co. and Kuesel Bros. Co. The Milwaukee Optical Mfg. Co. will also secure quarters there.

Proposed Settlement in Bankruptcy of I. G. Dillon & Sons Co., Wheeling, W. Va., to Go Before the Court Sept. 18.

PITTSBURG, Pa., Aug. 31.—The refusal of some of the creditors of the I. G. Dillon & Sons Co. of Wheeling, W. Va., which recently filed papers in bankruptcy, to accept the proposition to settle on a basis of 40 per cent. on the dollar, caused the referee in bankruptcy Frank C. Cox to refer the entire question to the United States District Court and the Court has set Sept. 18 as the date of the hearing. Objection to a settlement on this basis was not only made by Pittsburg creditors, but by two banks who are also creditors, and a very warm hearing, it is said, was the result of the meeting at Wheeling on Monday.

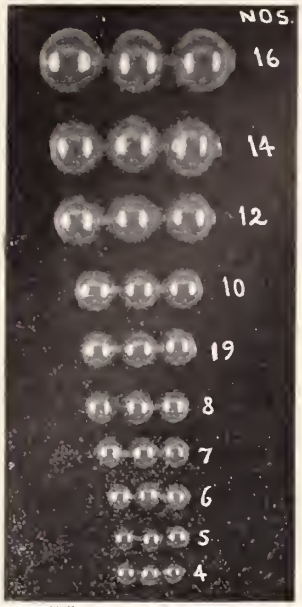
On Sept. 18 Scheff Bros. of Wheeling will apply to the court for permission to appraise the stock or make an inventory as to its value. The claim is set up that no one has been permitted to do this and, it is said, that Scheff Bros. stand ready to buy in the stock and pay more than has been offered to the creditors in settlement. With this end in view, Henry Scheff of the Wheeling firm was in Pittsburg to-day consulting with some of the local creditors in reference to the matter. Pending a settlement of the present difficulties the store has been closed. The W. J. Johnston Co. of Pittsburg will be represented at the court hearing by its attorney, possibly former Gov. W. A. Stone of this State, and intends to put up a stiff fight to bring about an equitable adjustment of the affairs of the company. The trustee for the bankrupts is J. A. Miller.

It is stated that since the bankruptcy proceedings were begun, there has been realized over $30,000 from the sale of goods in the store and this amount would be credited to the one who buys in the stock.

The assets of the company are given as $197,448 and the liabilities $172,160. It was stated to-day by some of those interested in the outcome of the Dillon firm's affairs, that every effort will be made to have the stock appraised by disinterested persons. It is also said that certain ones have made an effort to learn just what stock there is, but have failed.

At the meeting Monday creditors representing a majority both in number of claims and amount of indebtedness, voted in favor of the 40 per cent. settlement. This is enough to pass the proposition if the objections made to it are not considered by the court to be important when the case comes up Sept. 18. However, there is sure to be a hot argument by both sides in any event.

The Hotel Alexandria, Los Angeles, Cal., has installed fireproof safety vaults for the special convenience of its jewelry salesmen patrons. These vaults can be opened only by the master key held by the custodian together with the patron's key. They are built of the finest Bessemer steel, chrome lined, and have gooseneck crane ball-bearing hinge. Besides the safety vaults for the storage of jewelers' samples and guests' valuables, the Hotel Alexandria has a special fireproof vault for the storage of valuable hotel papers and books.



Why go to Paris when you can get the best that Paris makes in Jewelry at our office directly in New York?

Fish-Skin String Pearls

For thirty-five years this has been one of the features of our house. C. F. Quality at $3.60 dozen strings is the biggest value ever imported. Send for samples. Other qualities up to $25.00 a string.

CHOPARD FRÈRES

PARIS
35 Rue des Trois Bornes

NEW YORK
49 Maiden Lane

OUR **40th YEAR** IN BUSINESS **1866-1906**

DIAMONDS LOOSE AND MOUNTED

CASES and MOVEMENTS ALL MAKES AND GRADES

JEWELRY GOLD AND PLATED

ORDERS SOLICITED FROM RESPONSIBLE JEWELERS. GOODS SENT ON SELECTION.

All our goods are either direct importations, our own manufacture or bought for cash, enabling us to offer special inducements in prices and terms.

TRADE MARK L. & CO. PARIS

EST. 1866.

Lissauer & Company Importers.

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12 MAIDEN LANE. (ONE FLIGHT UP)

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AZTEC TURQUOISES

Mines: MINERAL PARK, ARIZONA.

TRADE-MARK.

Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.

THE AZTEC TURQUOISE COMPANY,
12-16 JOHN STREET, NEW YORK.

UNIQUE GEMS.

BEAUTIFUL NOVELTIES IN SEMI-PRECIOUS AND NATIVE GEMS

In Cabochons, Carbuncles, Pears, Beads, Baroques and other fancy faceted shapes. All strictly genuine and embracing the present vogue for the embellishment of Art Jewelry. Sample papers sent on request to responsible jewelers.

LOUIS J. DEACON. Hdqtrs., Atlantic City.
During Summer, CAPE MAY, N. J.

"There is Nothing in the Art that we cannot do."

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GIVEN TO OUT OF TOWN ORDERS.

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SPECIALISTS IN REPAIRING AND REPOLISHING RARE AND VALUABLE GEMS
DRILLING — ENGRAVING — SLITTING

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A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
Telephone, 4577 John.

The Third Quarterly Sale of Ivory Held at Antwerp, Belgium.

ANTWERP, Aug. 16.—The third sale of ivory of this year commenced on July 31 and ended on Aug. 1. The following quantities passed under the hammer: 42,855 kilos Congo (hard), 1,018½ kilos Congo (soft), 14,381½ kilos Angola, 4,114½ kilos Gabon, 990 kilos Cameron, 1,255½ kilos Senegal, 71 kilos East African, 219 kilos mammoth teeth, 17½ kilos hippopotamus. This was a total of 64,922½ kilos, as against 71,364 kilos in 1905, 59,292 kilos in 1904, 70,334 kilos in 1903, 71,171 kilos in 1902, 72,207 kilos in 1901, 77,699 kilos in 1900, 72,908 kilos in 1899, 35,559 kilos in 1898, 71,733 kilos in 1897, 53,408 kilos in 1896, 62,000 kilos in 1895, 43,083 kilos in 1894, and 63,055 kilos in 1893.

The American competition has advanced the price of teeth of all sizes and the heavy oversizes. For the Congo sorts the increase amounted to 10 francs per kilo, or about 35 per cent., and 7 to 8 francs per kilo for the Angola sorts. The prices for the light bangles have advanced also by 3 to 4 francs, teeth for billiard balls by 2 to 3 francs, and the scrivellous by 1½ to 2 francs per kilo. The rise in price amounts to 10 francs per kilo for soft ivory and for the Senegal sorts.

The actual stock on hand is of about 105,000 kilos, against 86,500 kilos in 1905, 104,500 kilos in 1904, 132,000 kilos in 1903, 135,725 kilos in 1902, 127,000 kilos in 1901, 95,000 kilos in 1900, 102,000 kilos in 1899, 79,200 kilos in 1898, 70,000 kilos in 1897, 57,000 kilos in 1896, 144,000 kilos in 1895.

The next quarterly public sale has been fixed for October 30, 1906.

Recent Decisions by General Appraisers on Jewelry and Kindred Lines.

The Board of United States General Appraisers last week rendered the following decisions in protests relating to the duty on jewelry and kindred lines:

Pins, Ornaments.—Protests 46455*b*, etc., of Joseph Lazarus & Co., and protest 170404 of Samuel Ach Co. against the assessment of duty by the Surveyor of Customs at Cincinnati. G. A. 6130 (T. D. 26653) and G. A. 6139 (T. D. 26679) followed, relating to pins and ornaments.

Pins, Ornaments.—Protests 9819*h*, etc., of Hy. Hummel & Co., protest 22169*h* of Geo. Borgfeldt & Co., protests 59077, etc., of Samuels & Meuer, and protest 80383*f* of Geo. Borgfeldt & Co. against the assessment of duty by the Collector of Customs at New York. G. A. 6130 (T. D. 26653), G. A. 6374 (T. D. 27382), and G. A. 6139 (T. D. 26679), relating to pins and ornaments, followed.

Pins, Ornaments.—Protests 46025*b*, etc., of Gimbel Bros. against the assessment of duty by the Collector of Customs at Philadelphia. G. A. 6130 (T. D. 26653) and G. A. 6139 (T. D. 26679) followed, relating to pins and ornaments.

Pins.—Protest 48545*b* of Raphael Weill & Co. against the assessment of duty by the Collector of Customs at San Francisco. G. A. 6139 (T. D. 26679) followed, relating to pins.

Pins, Ornaments. Protest 157476 of Rosenthal-Sloan Millinery Co. against the assessment of duty by the Surveyor of Customs at St. Louis. Same as above (*supra*).

Pins, Ornaments.—Protests 120888, etc., of Wiener Bros. against the assessment of duty by the Collector of Customs at New York. The merchandise consisted of pins, ornaments, etc., and was held dutiable as manufactures of the component material of chief value, as claimed by the importers, except certain hat pins with enameled or ornamented heads.

Brass Snaps, Jewelry.—Protest 202206 of American Bead Co. against the assessment of duty by the Collector of Customs at New York. Protest sustained on the authority of G. A. 6330 (T. D. 27255), in which brass snaps were held to have been improperly classified as jewelry.

Pins, Ornaments.—Protests 42500*b*-14543, etc., of G. W. Sheldon & Co. *et al.* against the assessment of duty by the Collector of Customs at Chicago. Certain pins and ornaments were held dutiable as manufactures of the component material of chief value, as claimed by the importers.

Imitation Pearls Pierced.—Protests 199195, etc., of L. Heller & Son against the assessment of duty by the Collector of Customs at New York. Protests overruled on the authority of G. A. 6088 (T. D. 26554), relating to imitation pearls pierced.

One Man Held on Charge of Holding Up North Attleboro Jewelry Messenger —Another Released.

NORTH ATTLEBORO, Mass., Sept. 1.—Henry Laferriere and William Bebeau, arrested last week on suspicion, were given a hearing in the Attleboro District Court, Thursday, charged with being implicated in the daring holdup of G. K. Webster & Co.'s messenger. After a hearing which extended over six hours, and at which matters were thoroughly thrashed out, Laferriere was ordered discharged and Bebeau was held for the Grand Jury. Bebeau's bonds were set at $15,000.

Laferriere was able to prove an alibi. He had witnesses to show that he was in Pawtucket at the time the holdup is alleged to have occurred. Regarding Bebeau, the witnesses, including Arthur Greene, the messenger, were certain that he was the man that wielded the club or blackjack, although the defendent stoutly insists upon his innocence.

Death of A. C. Guth.

PITTSBURG, Pa., Aug. 30.—The news that reached this city of the death of A. C. Guth, East Brady, Pa., one of the best known jewelers of this part of the State, caused profound regret among Mr. Guth's many friends.

The deceased, who comes from a family that has been largely represented in the jewelry trade for three generations, was a son of the late Leopold Guth, and was about 53 years old. He began business for himself in Sligo, Pa., in 1879, and after conducting his store at several other towns finally located in East Brady in 1890. Being a practical man of strict integrity he made great headway and became one of the leading business men of that section.

Mr. Guth was a brother of Leopold S. and F. X. Guth, Ridgeway, Pa., and a cousin of Chas. B. Guth, Brookville, Pa., of Edward, Clarion, Pa. One of the third generation of the family, also in the jewelry business, is A. C. Guth, DuBois, Pa.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Aug.	28	$.66¾	30 7-8d.
"	29	.66¾	30 7-8d.
"	30	.66¾	30 7-8d.
"	31	.66¾	30 7-8d.
Sept.	1	.66¾	30 15-16d.
"	4	.67¼	30 3-16d.

The safe in the store of Hadley & Hadley, Freewater, Ore., was blown open by burglars early one morning about a week ago and jewelry valued at $150 was stolen. There is no clue to the thieves.

ELSIE BEE'S FASHIONS.

NOVELTIES SEEN IN A LADY'S RAMBLES AMONG THE JEWELERS.

A TINY casket-like silver case containing a pretty thimble, makes a pleasing, useful and inexpensive gift.

*

Charming designs in the new extremely long neck chains continue to appear.

*

The shirrred gold mesh bag, noted some time ago, as a new model, is now very much in evidence.

*

Mary's little lamb, in the form of a diamond brooch, was recently seen with a gold ribbon nattily adorning its neck.

*

Pearl pavé work is the leading feature in an elaborate open pattern, displaying a taking design, finished with gold edges, the whole forming a decidedly rich and dainty brooch.

*

Many novelties are shown in jet collars, beads, bracelets and barrettes, in which a very rich effect is achieved by some close designs, employing finely cut and somewhat large shapes.

*

In new neck ornaments a band about half an inch wide is displayed in pink coral oblong shapes, set in gold knife-edge and connected by two heavy gold chains to produce a rather close pattern.

*

A marked inclination for the use of the sky blue turquoise in conjunction with beautiful gold filigree, diamonds, pearls or pierced gold is shown in some choice designs. A new very smart half-hoop ring displays a row of fine turquoise edged with diamonds.

*

Peculiarly persuasive is a very novel style in pendants, wherein an octagonal stone as a kunzite or pale amethyst mounted in gold filigree forms the top. The drop stone, matching in color, is of rather round form, framed to correspond and closely attached, the whole exploiting a delightful creation.

*

Of striking originality is a new collar, for daytime wear, which is not only intended for the ornamentation, but also for the support of a lace or chiffon stock, or a wide velvet band, as may be fancied. Entirely unlike the dog-collar worn at the bottom of a stock, this design is arranged to run on a line around the middle of the fabric collar beneath. It consists of cluster bows in the rosette style, the larger in the front, with a slightly smaller one on each side. The irregular bows are built of the narrowest of gold ribbon braid, in Roman finish, and are beautifully set with diamonds. A knotted design of the ribbon also set with diamonds runs throughout the length, and is finished with the gold collar fastener at the back. Each bow is formed on an invisible gold bar, which serves to keep the collar perfectly in place, the decorative details of the design being of the most exquisite finish. ELSIE BEE.

Chester Billings & Son

Successors to

1840 Kandel, Baremore & Billings 1906

Importers of Diamonds
Other Precious Stones, and
Pearls, Diamond Jewelry

1840, Kandel & Baremore; 1866, Kandel, Baremore & Co.; 1880, Kandel, Baremore & Billings; 1897, Chester Billings & Son

New York, 58 Nassau Street, 29 Maiden Lane
London: 22 Holborn Viaduct, E. C. Paris: 53 Rue de Chateaudun
Amsterdam: 2 Tulp Straat

NOW READY

New and Attractive Line of

BRACELETS
COLLARETTES
PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

EDUARD VAN DAM

DIAMOND CUTTER

AMSTERDAM NEW YORK ANTWERP

My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

Bank References Given

Everyone knows that I pay more for

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Maurice Brower

12-16 John St., New York

Telephone, 6233 Cortlandt

The Gorham Co.'s Plans.

President Holbrook Corrects Misleading Statements As to Its Sale of Stock in Affiliated Companies.

In relation to the proceedings to prevent the Gorham Mfg. Co. from selling its stock in affiliated concerns, THE CIRCULAR-WEEKLY published last week an article which was unfortunately an *ex parte* statement of the conditions surrounding this case, owing to inability of the reporter to see any of the officers of the Gorham Mfg. Co. at that time and get information as to that side of the case. On interviewing, since then, Edward Holbrook, president of the company, it is found that certain statements contained in that article were incorrect and not in accordance with the present status of the case. The opposition to the sale, as before noted, is made in behalf of George H. Robinson, a minority stockholder, who was represented at the hearing before Justice Dowling in the Supreme Court at New York by Samuel Untermyer.

The present plan for the sale of the affiliated companies has no connection whatever with the former plan of enlarging the silversmiths company, that plan having been abandoned by a vote of the stockholders and directors at their meetings held in Providence, Aug. 1; therefore the action brought in the Supreme Court of New York has no reference whatever to the action brought in the Rhode Island courts last May. The former plan was entirely abandoned out of respect to the opinion of the court.

The Silverware Stocks Co. has been organized solely for the purpose of purchasing from the Gorham Mfg. Co. the subsidiary companies now owned by it with the intention of owning and operating these companies, and in order to vest the ownership, so far as possible, in the present individual stockholders of the Gorham Mfg. Co. Therefore the new company's stock, amounting to $2,000,000, is being offered to the stockholders of the Gorham Mfg. Co., pro rata according to their holdings, and although some of the stockholders have not yet been reached owing to absence during the Summer holidays, more than three-fourths of the stock has already been subscribed by stockholders who are taking it pro rata as holders of the shares of the Gorham Mfg. Co. Thus, when complete, the plan contemplates that the ownership of the Silverware Stocks Co. will be relatively in the same individuals who now own the stock of the Gorham Mfg. Co., but the former will be operated as an independent organization. Consequently this is not a move for the purpose of getting rid of competition as charged by Mr. Untermyer and repeated in last week's issue.

Mr. Holbrook states also that it is not true that these companies were originally purchased for the purpose of ridding the Gorham Mfg. Co. of competition; that he does not believe now, and never has believed, it to be good policy to purchase other concerns for the purpose of crippling them or for the purpose of stifling competition.

Mr. Holbrook says that the present plan has the support of every stockholder of the Gorham Mfg. Co. except Mr. Robinson and his immediate family, and every share represented by person or proxy at the meeting held at Providence Aug. 1 for the purpose of taking action voted in favor of this plan with the exception of those thus controlled by Mr. Robinson.

It is not true that an injustice can be done to any shareholder of the Gorham Mfg. Co. in carrying out this plan, Mr. Holbrook adds, inasmuch as the offer to participate is open to every shareholder.

It is also untrue, Mr. Holbrook says, that he is seeking to obtain a larger control in that company than he has at present in the Gorham Co., and that his subscription to the Silverware Stocks Co. is pro rata as a stockholder of the Gorham Mfg. Co., exactly the same as is offered to every other stockholder.

These statements by Mr. Holbrook indicate that this is a case where a minority stockholder is seeking to enforce his views as against the majority of stockholders in the Gorham Co., who have voted upon this subject and in favor of it by an overwhelming majority. The total vote in favor of the resolution at the meeting Aug. 1 was 43,113 shares. The votes against the resolution amounted to 3,261 shares. Since this meeting was held, it is learned, a number of stockholders who were unable to be present in person or by proxy have signed a paper to the effect that had they been present or represented at said meeting their stock would have been voted in favor of the resolution.

The statement was made in last week's issue that Mr. Robinson's interests in the company as a stockholder amounted to more than $700,000. As a matter of fact, Mr. Robinson is the owner of 3,246 shares of the stock out of 50,000 shares, or less than 7 per cent., and on referring to the quotations in the Providence papers, it is found, with the present bid prices, the value of his holding would amount to about $460,000, and not $700,000, as was stated by his attorney last week.

Serious Condition Reported in Antwerp Diamond Cutting Industry—A Strike of Cutters Possible.

Letters received in New York from Amsterdam say that a serious condition has arisen out of differences between the owners of the diamond cutting shops and their employes on questions of wages. The old contract, providing for a system of paying partly in salaries and partly by the piece, expired in July and no new agreement has been reached.

Negotiations between the Algemeen Nederlandsche Diamantbewerkers bond and the Amsterdam Manufacturers' Vercin, which were in progress for a number of weeks, were entirely broken off at the date when these letters were mailed. It is said that the leaders of the union seemed agreeable to the making of mutual concessions with a view to a settlement, but that the great majority of the workers held out against accepting any offer which did not include a considerable advance in pay.

In view of the present situation, the writers said that almost anything is possible and they could not say whether the more likely result will be a strike or a final yielding of the employers. In either event, it was said, the cut stones, especially in the smaller sizes, are likely to become more scarce than they now are and to be advanced in price.

Several New York manufacturers said that, they believe, the Amsterdam issues will have no effect on the harmonious relations existing here between the employers and employes in this country. A contract was made several months ago between the Diamond Manufacturers' Association of America and the Diamond Workers' Protective Association.

New Stores and Enterprises.

A. Pican has opened a store in San Leandro, Cal.

B. Simmons opened a store in Columbia, Pa., Sept. 1.

J. S. Asseltine is opening a jewelry store in Kingston, Ont.

D. Neil Wood, Wells, Minn., will soon engage in business in Manson, Ia.

H. J. Houten is about to open a millinery and jewelry store in Gordon, Nebr.

Harold Parrin will shortly engage in the jewelry business in Sargent, Nebr.

Mr. Nelson, Tyler, Minn., is about to commence business in Claremont, Minn.

W. Berwin recently began business at 1021 Van Ness Ave., San Francisco, Cal.

H. Bunnell is a new watch and jewelry repairer at 1420 Post St., San Francisco, Cal.

J. A. Anderson, Sturgeon Bay, Wis., has opened a retail jewelry store in Mishicot, Wis.

The Irving Optical Co. has just begun business at 38 Fairfield Ave., Bridgeport, Conn.

W. H. Seewald will open a jewelry and optical store in Las Vegas, N. Mex., in the near future.

Wheatley Bros. have purchased a store building at Regina, Sask., and laid in a stock of jewelry.

Chas. F. Schwerer started in business as a watch and jewelry repairer in Glendale, Cal., a short time ago.

Robt. Whaler, formerly of Petaluma, Cal., is now engaged in the jewelry and optical business in Raymond, Wash.

C. L. Saunders is about to open a retail jewelry store in Cuthbert, Ga. Mr. Saunders formerly resided in Lake Butler, Fla.

H. G. Barnham, formerly with M. L. Finkelstein, St. Paul, Minn., is now in business on his own account at Hibbing, Minn.

The Galveston Optical Co. has been incorporated in Galveston, Tex., with a capital stock of $5,000, by G. H. Aronsfeld, R. W. Smith, M. Marx and others, all of Galveston.

Paul Johnson has decided to sever his connections with the Peerless Optical Co., which concern he represented on the road for some time, and start in business for himself at Davenport, Ia.

R. H. Hubbard, formerly of San Francisco, Cal., on Sept. 1, opened an optical establishment at 107 S. 9th St., Boise City, Idaho. The business is conducted under the firm style of the Globe Optical Co.

The C. P. Goerz American Optical Co., of New York, was recently incorporated with a capital stock of $110,000. The directors are: C. P. Goerz, Grunewald, Germany; A. V. Briesen, and Antonio Knauth, New York.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

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Precious Stones and Pearls.

170 Broadway, Corner Maiden Lane, New York.

27 Holborn Viaduct, London.

Saunders, Meurer & Co. Cutters and Importers of

DIAMONDS AND OTHER PRECIOUS STONES

FINE PEARLS A SPECIALTY.

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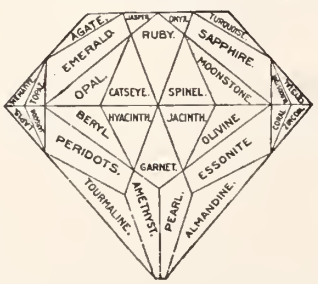
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Extends to the trade a cordial invitation to make his office their headquarters when visiting Europe for the purchase of Precious Stones.

In order that his customers may enjoy the favorable opportunities that arise when they are not in the market, "Gemfinder" will, on his own account, pick up any desirable goods obtainable in European markets at attractive prices. His customers shall have the benefit of his expert selections at a mere commission above the purchase prices.



THE NEW BADGE FOR "EAGLES"

There's nothing ordinary about our new "Eagle" insignia for the coat lapel. It has originality and character in its makeup, and it is striking without being garish.

There's only one other device for a secret order to compare with it in compatibleness and suggestiveness. That's the Elk Head Badge of the B. P. O. E.

They both tell at a glance what they stand for.

Samples sent to jewelers for examination gladly and promptly.

Louis Kaufman & Co.

RINGMAKERS

82-84 Fulton St., New York

LK **SHORTHAND FOR RING SUPERIORITY**

Attleboro.

TRADE CONDITIONS.

The rush of business which the jewelry manufacturers have experienced all Summer continues unabated, and some of the leading makers of goods suitable for sale in the Fall and early Winter, declare they are weeks hebind their orders. The activity is not confined to a single line, or to any small groups, but is universal. If anything, bracelets bave the call, and some concerns which never made them hefore are now doing so. The salesmen have had busy times, with, however, but few changes of personnel in their ranks.

William C. Tappan, of the D. F. Briggs Co., has returned from a long trip to the western States.

Rapid and steady progress is being made on the new wood and cement factory for the D. F. Briggs Co.

Fred Somes, traveling salesman for Bates & Bacon, who has been seriously ill, is now able to be about once more.

Major Everett S. Horton, of the Horton, Angell Co., presided Labor Day at the reunion of his old Civil War regiment, the 47th Massachusetts.

David E. Makepeace, of the D. E. Makepeace Co., and Willard A. Engley, formerly of Engley, Wetherell & Co., with their wives, have started for an extended tour to and about the Pacific slope.

Charles M. Robbins announced last week that as urgent business will call him to Europe in January, he was forced to decline the requests of his friends to enter into the Congressional race this Fall.

The assessors of Taunton have made public the heavy taxpayers' list in that city, and it includes: Taunton Pearl Works, $161; E. A. Fargo & Co., $114; West Silver Co., $299; Poole Silver Co., $347; Reed & Barton, $5,700.

The Rothschild Bros. Co. last week purchased the plant of the New England Comb Co. at Worcester. All sorts of combs and hair ornaments are manufactured. For the present the concern will be continued at Worcester under the name of the Klingtide Comb Co.

The Reed & Barton silver works have turned out a set of handsome sterling silver loving cups, of graceful design and excellent workmanship, which will serve for the prizes of the automobile department of the annual Bristol County Fair. Some local pride entered into getting out a nice thing, as the fair is held in Taunton, the home city of the company.

A massive mound of earth is rising on the east side of the New York, New Haven & Hartford R. R. Co. right-of-way, on the site of the jewelry factories burned in 1898. On top of it will be the handsome new station built in connection with abolishing the street grade crossings. This land was left vacant after the fire, in the assumption it would be wanted for this use.

The assessors made public last week the list of heaviest taxpayers, and the manufacturing jewelers, as individuals and concerns, who pay $100 or over contribute to the town expenses as follows: C. H. Allen & Co., $332; Allen, McNerney & Co., $149; Attleboro Mfg. Co., $1,360; Attleboro Refining Co., $218; Winthrop F. Barden, $126; Bates & Bacon, $415; Charles R. Bates, as administrator for the late Joseph M. Bates, $1,245; Bay State Optical Co., $581; James A. Bigney, $118; Hon. Sidney O. Bigney, $1,578; S. O. Bigney & Co., $713; James E. Blake Co., $630; James E. Blake, $1,630; Bliss Bros. Co., $381; Charles E. Bliss, $565; estate of Everett B. Bliss, $688; D. F. Briggs Co., $1,676; Stephen A. Briggs, $321; Edward T. Bright, $133; Bristol Mfg. Co., $498; George L. Brown, $138; Albert A. Bushee, $130; A. Bushee & Co., $366; Charles H. Bushee, $155; Thomas S. Carpenter, $140; Carter, Qvarnstrom & Remington, $298; Edward P. Claflin, $210; Harvey E. Clapp, $111; John W. Cody, $260; Cornell, Andrews Co., $493; Alfred R. Crosby, $370; J. C. Cummings & Co., $107; P. J. Cummings & Co., $249; Daggett & Clap Co., $581; Frank P. Daughaday, $267; Dunbar, Leach, Garner Co., $290; C. H. Eden Co., $630; Samuel M. Einstein, $205; Electric Chain Co., $299; Willard A. Engley, $199; John M. Fisher, $342; J. M. Fisher & Co., $597; Fontneau & Cook, $464; Ernest D. Gilmore, $233; E. D. Gilmore & Co., $247; Walter E. Hayward, $561; George H. Herrick, $314; Horton, Angell Co., $1,395; Everett S. Horton, $906; Raymond M. Horton, $549; Albert S. Ingraham, $453; J. T. Inman Co., $116; Charles P. Keeler, $116; George J. Kelly, $109; estate of Louis J. Lamb, $209; Fred W. Lincoln, $113; J. W. Luther & Co., $332; Louis C. Luther, $514; R. B. Macdonald & Co., $116; David E. Makepeace, $1,278; D. E. Makepeace Co., $996; the W. B. Marble Co., $132; C. A. Marsh & Co., $415; Charles A. Marsh, $982; R. John Marsh, $126; Mason, Howard & Co., $199; Arthur A. McRae, $143; McRae & Keeler, $630; Peter Nerney, $224; Fred A. Newell, $579; Herman T. Regnell, $132; Regnell, Bigney & Co., $415; Charles M. Robbins, $241; the Chas. M. Robbins Co., $415; Mark E. Rowe, $466; W. H. Saart & Co., $166; Sadler Bros., $353; Frank H. Sadler, $266; F. H. Sadler & Co., $448; Louis E. Sadler, $127; Thos. G. Sadler, $237; R. F. Simmons Co., $2,859; C. Adin Smith, $103; Smith & Crosby, $381; N. J. Smith, $152; Edward A. Sweeney, $682; C. O. Sweet & Son Co., $132; Harold E. Sweet, $203; J. Lyman Sweet, $483; Sykes & Strandberg, $116; Charles H. Tappan, $666; William C. Tappan, $478; Torrey Jewelry Co., $124; Clarence L. Watson, $5,424; Watson & Newell Co., $2,822; F. W. Weaver & Co., $182; estate of Henry Wexel, $332; W. H. Wilmarth Co., $664.

North Attleboro.

TRADE CONDITIONS.

With the passing of Labor Day, the Saturday half-holiday that the manufacturing jewelers grant the employes during the Summer months is done away with. The extra half day will be appreciated by most of the manufacturers who are heaped with orders and find it difficult to get them out on a set date. One concern has already announced that its factory will be run 13 hours a day, and another company is running overtime. Other shops will, beyond a doubt, commence soon to work nights.

George K. Webster has returned from a pleasure trip to New Hampshire.

Robert Scholtz made a trip through Maine this week for C. Ray Randall & Co.

R. Blackinton & Co. are now occupying their additional quarters which were made necessary because of the big increase in business.

Samuel E. Fisher, a well-known retired manufacturer, is receiving messages of condolence from jewelers in his bereavement due to the death of his wife.

Herman Holzner has been appointed assistant superintendent of the Frank M. Whiting Co.

Harry L. Carpenter, assistant foreman at R. Blackinton & Co., was married Wednesday evening of last week to Miss Miriam Whitehill, daughter of Rev. John I. Whitehill.

Providence.

Among the imports at the port of Providence last week were two packages of imitation precious stones from Bremen.

The Tilden-Thurber Co. has on exhibition in one of its Westminster St. windows the portrait of Governor Utter, painted by Hugo Breul, which is to hang in the State House.

The employes of the Shepard Co. had an outing at Island Park last Friday, which was largely attended and most enjoyable in every respect. A varied programme of sports was carried out.

The interposition of Labor Day Monday gave the jewelry workers practically a three days' holiday. The Jewelry Workers' Union had made every preparation to have a large number of men in line.

A. E. Austin, R. O. Smith and Ernest L. Fuller were among those on the committee which had in charge the automobile parade and canoe display in connection with the observance of old home week at Pawtuxet.

George A. Littlefield, the brilliant attorney, whose sudden death came as a surprise last week, was well known to the manufacturing jewelers, and had participated as a speaker and guest at annual dinners of the New England Manufacturing Jewelers' & Silversmiths' Association.

Roswell C. Smith, former Councilman from the Fifth Ward, who has been "mentioned" as a possible candidate for Alderman from that ward, has announced that he is not in the lists, that his business demands are such that he would be unable to devote to the political situation the time it would demand.

The employes of Room M-3, of the Gorham Co., had an enjoyable outing recently, the employes turning out in goodly numbers for the event. There was a fine list of sports arranged, and much interest centered in the struggle for supremacy in the different events. The ball game was won by the silversmiths, who immediately claimed title to hold the championship cup of silver. A clambake was served at 4:30, and there were other features to make the time pass pleasantly. The committee in charge of the event was composed of F. R Avery, chairman; W. G. Arnold, secretary, and A. McBeth, treasurer.

Dawes E. Sturgis, Houston, Tex., has sold out his business in that city and will turn it over to his successor this week.

The firm of Henninger & Wheeler, Columbia, Mo., has been dissolved by mutual consent. The partnership was composed of F. A. Henninger and Claud Wheeler and by the terms of the dissolution Mr. Wheeler assumes all the indebtedness of the old firm and will collect all accounts due.

ADDISON W. WOODHULL, President.
FRANK K. HUFF, Vice-President.
GILBERT T. WOODHULL, Treasurer.
WILLIAM J. McQUILLIN, Secretary.

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¶ We also have a nice line of Baroque Pearl Rings, Brooches, Collars, Ear Studs, Scarf Pins, Lorgnette and Neck Chains always on hand. Memo. business will receive prompt attention.

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CORAL

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Kansas City

D. T. Wainright, of this city, has enrolled with the Southwestern Optical College.

J. Levin, with Kionka & Kionka, has started out on his regular territory again.

Chas. H. Jackson, Chicago, enlisted in the United States Marine Corps in this city last week.

Chas. Moll, Gardner, Kans., has taken a position as watchmaker with Clem B. Altman.

W. E. Crellin, of Ward & Crellin, is preparing to start out on the road within a few days.

O. M. Atwood, Clifton, Kans., passed through this city last week on his way to New York.

S. W. Lane, president of the Southwestern Optical College, has just returned from a shooting trip.

The Hassig & Krieke Jewelry Co. has completed arrangements to remove to larger and better quarters.

L. Weixelbaum, the new manufacturer, will have the balance of his machinery installed within a week.

W. H. C. Rudd, 410 Westport Ave., has returned from an extended pleasure trip to the New England States.

E. G. Mason, M. D., Cawker City, Kans., is in the city, taking a post-graduate course with the Southwestern Optical College.

C. B. Norton, president, and Ward Lewis, secretary, of the C. B. Norton Jewelry Co., have just returned from their vacation trips.

Edw. P. Nevin, of Nevin Bros., has just returned from a Summer vacation, spent on the Great Lakes and a trip to Canadian points.

The Meyer Jewelry Co., which has been looking for a new location for several months, last week was able to renew its lease, so will stay where it has been located for several years. After the first of the year the owner of the property will build an extension of 30 feet to the firm's store.

The Goldberg Jewelry Co.'s store, located at 111 W. 6th St., was entered by burglars recently and nine dozen cheap rings were stolen. The entry was made from the fire escape through a back window. A night engineer, working near by, stated that he saw three negroes leaving the premises and took a shot at them.

The following out-of-town jewelers were in this city last week: W. D. Brotchie, Scandia, Kans.; I. M. Blitz, Topeka, Kans.; S. J. Huey, Excelsior Springs, Mo.; Otto Burkland, Osawatomie, Kans.; A. Rosenfield, Leavenworth, Kans.; George L. Marquis, Pond Creek, Okla.; G. L. Marsh, Pattonsburg, Mo.; Mr. Davis, of Davis & Owens, Falls City, Nebr.; Mr. Harmon, of Auburn Jewelry & Music Co., Auburn, Nebr.

A man entered the pawnshop of L. Goldman, 1307 Grand Ave., one day last week and asked to see a revolver. He then asked for ammunition for it. The proprietor took a box of cartridges down and fitted one in the revolver, then took it out again. The man picked up the revolver, said he thought it would do, and stepped over and grabbed the cartridges. Then he forced the proprietor out of the store, loaded the gun and killed himself.

Philadelphia.

John Fischer, with R. M. Cooper & Son, 722 Sansom St., is on a fishing trip to Avalon, N. J.

F. B. Wallen, 405 Broadway, Camden, N. J., returned, last week, from a sea voyage to Maine, much improved in health.

Fred Barry, formerly of this city, and now with S. O. Bigney & Co., New York, is spending a vacation at Atlantic City with his family.

Alexander Abrahams, a pawnbroker, 13th and Mt. Vernon Sts., caused the arrest last week of Harry Levy, a clerk, on a charge of robbing him.

J. B. Bechtel, of J. B. Betchel & Co., left Friday for an automobile trip for pleasure and recreation only, through Montgomery and Berks counties.

J. E. Caldwell & Co. were last week awarded the contract to furnish the gold and silver medals to be awarded at the forthcoming Middle Inter-City Races.

E. J. Hertz, 13th and Chestnut Sts., spent a few days last week in New York, combining business and pleasure. Mr. Hertz found recreation and amusement at Coney Island.

The contract for the new four-story factory in Jersey City of the New York Standard Watch Case Co. was awarded to Doyle & Doak, contractors of this city. It is to cost $65,000.

Charles Diesinger, diamond dealer, 726 Sansom St., and E. J. Hertz are among those who last week filed articles of incorporation at Harrisburg for the new People's Trust Co.

An ingenious jewelry department store thief was captured last week. He made it a practice to accompany his wife in visits to the various stores and place pieces of jewelry on her arms, around her neck or on her hands and walk off most unconcernedly. But he did it once too often, and now languishes in jail awaiting trial. He gives his name as George Leflie.

Harry Barry, with M. Sickles & Sons, returned last week from an extended vacation tour of the Jersey Coast resorts. J. Borroughs Robertson of the same firm spent the week's end at Asbury Park. Ed. Sickles returned with his family from Atlantic City and reoccupies his town house and Abe Sickles returns from a Summer sojourn at Atlantic City this week.

Out-of-town retailers visiting the wholesale trade of this city during the week included: C. F. Rudolph, Wilmington, Del.; Joseph Loeb, Reading, Pa.; Maurice E. Hunter, Beverly, N. J.; Howard Fritzsimmons, West Chester, Pa.; A. M. Kendall, Millville, N. J.; J. J. Minster, Elkton, Md.; C. F. Kuhn, Cape May, N. J.; O. O. Stillman, New Brunswick, N. J., and David H. Krause, North Wales, Pa.

The annual clambake of the Philadelphia Jewelers' Club was given yesterday at the Morrellton Club, at Torresdale on the Delaware river, and was in every way a success. Nearly 200 members journeyed up the river with their guests in a specially chartered boat and every manner of the most toothsome sea food was appetizingly prepared to meet gastronomic demands of the most epicurean tastes, and all of the club members and guests were made happy. A full report of the clambake will be published in the next issue of THE CIRCULAR-WEEKLY.

The Philadelphia wholesale trade closed a half day Monday in observance of Labor Day, as it has been agreed between them to observe all holidays. The last Saturday half holiday, according to the agreement generally entered into, was Saturday. Hereafter, until after the holiday rush, the wholesale houses will keep open Saturdays until 5 o'clock and week days until 6 o'clock. All the leading retail jewelers observed Labor Day by closing their shops a half day.

Despite the most searching inquiries made in the trade the correspondent of THE CIRCULAR-WEEKLY has been unable to ascertain that any one has lost a jeweler's wallet in this city. That one was lost is now a well advertised fact, but the trade of Sansom St. and the neighboring wholesale district, which would be the first to hear of such a misfortune, is entirely in the dark concerning the identity of the man who lost the wallet found in a bank. The opinion is expressed in the trade of this city that it has been some out-of-town dealer who in haste to make a train changed a bill at a bank and then rushed off, leaving his wallet behind him. The usual run of retailers were in town during the week, but none of them lost anything and no one knew that any of their acquaintance had complained of a loss.

Boston.

Frederick E. Harwood, of Harwood Bros., is on an outing trip in the Provinces.

Maynard & Potter expect to open shortly at their new store on Boylston St., which is nearing completion.

Fred Gruen, of D. Gruen, Sons & Co., Cincinnati, O., was among the visitors in town during the week.

Charles E. Kattelle, successor to Kattelle Bros., at 24 Tremont St., is selling out preparatory to vacating his store, which has been leased to other parties.

Luther A. Douglas, who was noted as a collector of antique clocks and furniture, died at his home on Lafayette Ave. early last week. He was prominent in Masonic circles.

The alterations at the store of A. Stowell & Co. are progressing rapidly. They have been carried on without interruption to the firm's business. When completed the handsome new facade and display windows will make the store one of the most attractive in the city.

Alterations in the building occupied by the Smith, Patterson Co., on Summer St., are nearly completed, and the retail department, now completely separated from the wholesale department, which has been removed to the floor above, will have a largely increased floor area.

The news from Brunswick, Me., which reached this city last week to the effect that Isidore Magid, of Roxbury, was one of the two men drowned while bathing at Cook's Corners, August 23, caused comment in the jewelry trade, as the deceased is believed to have been the Isidore Magid who did business under the style of I. Magid & Bro. as a wholesale dealer in jewelry and fancy goods at 77 Bedford St. some years ago, but who later went out of the jewelry trade.

Cleveland.

Mark B. Rumsey, formerly with the Kluger Optical Co., is now with the Sigler Bros. Co. as manager of the clock repair department.

Charles Ettinger has arranged to open another store in the Rose building on 9th St., formerly Erie St. Mr. Ettinger already has three stores in operation in this city and one in New York.

Capt. R. E. Burdick, of the Bowler & Burdick Co., has returned home from his European trip and is spending his vacation with T. H. Wheeler, of the Standard Oil Co., at Wheeler's Island, in the St. Lawrence.

George Baine, of the Sigler Bros. Co., is spending his vacation at Belmar, N. J., while C. Moross is taking a trip up the lakes. William Davies has just returned from Canada and Miss Helen Neil from Silver Lake. James Best and Robert Probeck are also away spending their vacation.

Among the jewelers visiting this city the past week the following were noted: Harry Downes, Bellevue; L. G. Goddard, Ravenna; J. W. Helfrich, Carrollton; A. E. Kintner, Painesville; A. R. Kimpton, Oberlin; S. C. Nofzinger, Archbold; T. H. Park, Mantua; Mr. Elgin, of Ewing & Elgin, Kent; L. W. Wyckoff, Chagrin Falls; W. F. Hurr, Prospect; E. E. Critz, Elyria; E. D. Davis, Kent; J. D. Sowers, Paducah, Ky.; A. O. Wright, Lorain; L. Commlossy, Toledo; Mr. Hafner, Carronolet, Mo.; N. M. Harris, Mound City, Ill., and C. J. Scholler, Van Wert, O.

W. S. Gaines, buyer and sales manager of the Webb C. Ball Watch Co., and S. Bamberger, a retired capitalist, have formed a partnership under the name of Bamberger & Gaines, and on or about Oct. 1 will open a high-class jewelry store at 915 Euclid Ave., a section that is now becoming an important one in the retail business. Mr. Gaines has been with Webb C. Ball for 18 years, and is one of the best known men employed in the trade in the city. Mr. Bamberger's son will learn the jewelry business in the new house, but he himself will not be active in the business.

The marriage of Miss Mildred Lorinda, daughter of C. C. Sigler, of the Sigler Bros. Co., and Harry G. Blanchard took place at the home of the bride's parents, "The Maples," Cortland, O., Thursday at noon. The house was handsomely decorated for the occasion and about 300 guests were present, many of them from other cities. The wedding breakfast was served in a tent. The present of the parents of Mrs. Blanchard consisted of two large chests of silver and that of the parents of the groom a check of considerable size. After an eastern trip the young couple will be at home at 2050 Billings Ave.

The new building being erected in Endicott, N. Y., for the International Time Reporting Co., will, it is reported, be in running order by Jan. 1.

D. A. North, Cleveland, Tenn., has the sympathy of his many friends owing to the recent death of his wife, who died very suddenly of neuralgia of the heart. The deceased was 32 years old.

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IMPORTERS AND CUTTERS OF
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LONDON.
Precious Stones, Semi-Precious Stones, Ceylon Fancy Stones, Pearls, Corals, Opals and All Novelties in Stones suitable for
I. All Jewelry and Export Purposes.
II. Art Metal Work, Church Work.
III. Mechanical Purposes.
IV. Collectors, Educational purposes, Museums.

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IMPORTERS OF PRECIOUS AND IMITATION STONES
Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
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Pacific Coast Notes.

Geo. W. Bernbaum, New York, visited Los Angeles, Cal., recently.

Herbert L. Cornish, Los Angeles, Cal., is about to dispose of his retail jewelry business at that place.

Samuel H. Dyott severed his connection with C. Hamburger & Sons, and is now associated with "The York," in Los Angeles, Cal.

The partnership of Greenwald & Adams was formed Sept. 1, when the new firm installed solid oak show cases and wall cases at the store now occupied by Mr. Greenwald in the Purphy block, Tucson, Ariz.

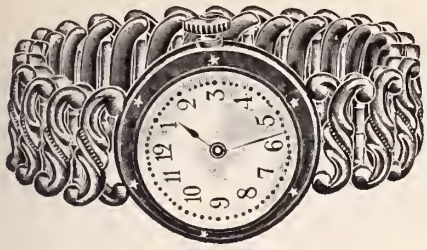
J. F. Lukens, a diamond merchant of Los Angeles, Cal., has been the guest of C. I. Hoople, Anaheim, Cal. Mr. Lukens is thinking seriously of retiring from business and is desirous of purchasing a ranch in that section of the country.

Montgomery Bros., Los Angeles, Cal., have completed arrangements to move to a new location. They will occupy the entire ground floor of the Grant building at 4th St. and Broadway. The new store will be the largest west of Chicago.

J. Jessop & Son, San Diego, Cal., have sent an exhibition of their workmanship to the State fair at Sacramento, Cal. They sent two watches which were made in their factory in San Diego, the first said to have been manufactured in the State of California. They are of the regulation size, have three-quarter plate and 17 ruby jewels, and are mounted on a mirror so the dial and movements may be seen at the same time. One of the watches has a solid silver dial, the other an 18-karat gold dial. Richard Jessop, aged 19, the son of J. Jessop, has just made a remarkably fine micrometer gauge. It measures accurately within the ten-thousandth part of an inch and can easily detect how far from round a hair may be. This micrometer gauge is the second ever made from the model. This was also sent to the State fair.

A photograph of Al. Johnson, who was arrested in Berkeley, Cal., two weeks ago, while attempting to rob the jewelry store of R. E. Miller of that place, has been received from the New York detective department, establishing the identity of Johnson as the same man who committed a similar robbery in New York, the first of the year, and who afterwards was released on parole but left the city and is now wanted there for that offense. No definite evidence has yet been received from Chicago to prove that Johnson was the same man who stole $900 worth of diamonds from a jewelry store there during the month of July. Johnson has been held over for trial in the Superior Court on the charge of grand larceny preferred against him by R. E. Miller, Berkeley. After that matter is settled he will have to answer in New York for breaking parole and probably to the Chicago authorities for the theft of the $900 worth of diamonds.

The awning in front of the store of F. M. Power's jewelry store, Youngstown, O., was burned about a week ago. The fire is believed to have originated from a cigarette which some one threw upon the dry canvas.



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ALL SIZES AND QUALITIES OF
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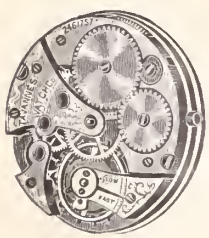
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Our Traveling Representatives



George Lockhorn, with the Clemens, Oskamp Co., Cincinnati, O., is now looking after the western trade of his firm. John Haslem, of the same firm, left, Monday, on a short trip to Indiana and Michigan.

Among the traveling representatives who visited the trade in Lancaster, Pa., recently, were: C. E. Sulzberger, Korones Bros.; Arthur S. Hawley, Robert H. Ingersoll & Bro.; Harry Lissauer, Jacobson Bros.; J. Mills Delaney, Barbour Silver Co.; D. Nearhoff, William Lehman & Co.

Representatives who visited the Twin Cities, during the past week, included: Walter Marble, Marble, Forester & Co.; C. E. Offerman, Wm. Smith & Co.; Mr. Noyes, Bates & Bacon; Mr. Scofield, Scofield, Melcher & Scofield; Louis Fay, R. F. Simmons Co.; Louis A. Blackinton, W. & S. Blackinton Co.; E. C. Bell, Celtic Watch Co.; J. A. Limbach, Theodore W. Foster & Bro. Co.; Ira W. Smith, Horton, Angell Co.; Sam Zimmern, Henry Zimmern & Co.

Traveling men calling on the trade in Boston, Mass., during the week, included: M. Goodfriend, Goodfriend Bros.; E. F. Skinner, Roy Watch Case Co.; Samuel L. Howland, Joseph Frankel's Sons; F. H. Miller, Unger Bros.; J. T. Soitt, Adolphe Schwob; Alex. C. Chase; Mr. Sparks, Seth Thomas Clock Co.; J. C. Bigalke, Bigalke & Eckert Co.; Charles F. Duffy, Enos Richardson & Co.; R. W. Simpson, Riker Bros.; Mr. Hicks, William S. Hicks Sons; Joseph Rosenberg.

The following traveling representatives called on the trade in Kansas City, Mo., during the past week: Sam Zimmern, Zimmern & Co.; Max L. Jacoby, Manchester Mfg. Co.; John S. Cunningham, E. L. Spencer Co.; F. R. Truell, W. H. Saart Co.; Frank E. Behrendt, Moore & Son; Mr. Fisher, Furbish, Swift & Fisher; Mr. Wilkins, Ostby & Barton Co.; H. R. Blackman, Champenois & Co.; Percy D. Lucas, Frank W. Smith Co.; D. W. Harrison, W. W. Harrison Co.; L. E. Smith, M. B. Bryant & Co.; J. A. Granbery, J. A. & S. W. Granbery; F. E. Whiting, Whiting & Davis; C. H. Davison, Codding & Heilborn Co.; Harry Kaufman, Eiseman, Kaiser & Co.; J. Rothschild, Kaffeman, Rothschild & Co.; C. Hauser, Bawo & Dotter; Mr. Perl, Wagner Mfg. Co.; J. Guntzburger, I. Guntzburger; I. W. Friedman.

The trade at Pittsburg, Pa., was, last week, visited by the following traveling representatives: George Southwick, Payton & Kelly Co.; E. B. Bartlett, Waite, Mathewson & Co.; M. E. Van Bergh, Van Bergh Silver Plate Co.; Robert B. Steele, David Kaiser & Co.; Mr. Allen, Allen, McNerney & Co.; Frank W. Collom, Sulzberger Bros.; Mr. Remington, Carter, Qvarnstrom & Remington; Charles S. Peckham, J. H. Peckham & Co.; L. H. Carpenter, Charles E. Hancock Co.; George T. Bynner, Geo. L. Becker & Co.; Wade W. Williams, Warren & Williams; Vernon O. White, White & Rounsville; J. B. Macdonald, Wolcott Mfg. Co.; Harry H. Miller, Hutchison & Huestis; Frank S. Ottley, Riker Bros.; H. N. Van Bergen, Snow & Westcott; Walter S. Noon, Cory Bros. Co.; C. A. Parker, Bates & Bacon; W. R. Eliot, Meriden Cut Glass Co.; S. C. Corbin, Waterbury Clock Co.

Among the traveling representatives who visited the Cincinnati, O., trade, during the past week, were: Theo. Lyons, Lyons Gem Co.; R. L. Seely, Despasse Mfg. Co.; Fred Casper, Mauser Mfg. Co.; J. M. Morrow, American Watch Case Co.; Harry E. Barkman, Jones & Woodland; William Huger, Wm. Huger & Co.; Edw. L. Johnson, R. M. Johnson & Son; J. A. Limbach, Theodore W. Foster & Bro. Co.; W. F. Koch, American Morocco Case Co.; Jesse Carpenter, Horton, Angell Co.; W. W. Williams, Warren & Williams; R. W. Elliot, Meriden Cut Glass Co.; H. M. Van Bergen, Snow & Westcott; J. M. Curtis, Meriden Silver Plate Co.; E. R. Bennett, Waite, Mathewson & Co.; Chas. S. Peckham, J. H. Peckham & Co.; A. M. Dorchester, Chapin & Hollister Co.; Fred J. Foster, Unger Bros.; Frank J. Young, Hartford Sterling Co.; F. L. Pettee, Waterbury Clock Co.

It may not be generally known to traveling men, but representatives going west from Pittsburg, can save considerable money by buying tickets to the nearest station to Pennsylvania in Ohio where regular stops of passenger trains on the Pennsylvania lines are made, and then paying cash fares on the train to the conductor for any point they desires to reach within the State of Ohio. Under the new Ohio tariff law, only tickets sold within the State are at the rate of two cents a mile. When tickets are bought at Pittsburg to Ohio points the full three cent rate is charged. On some roads 65 cents in the fare can be saved by buying a ticket to Youngstown on the Lake Erie, or Steubenville on the Pennsylvania, if Cleveland is the point it is desired to reach, paying the conductor in cash the remainder of the way. Many traveling men who desire to go to Cleveland or Cincinnati or even Columbus, have been doing this and are saving money by the transaction.

Traveling representatives who called on the trade in Omaha, Nebr., last week, included: John J. Murray, Higbie-Barbour Mfg. Co.; G. W. Finckenauer, Alvin Mfg. Co.; Edw. E. Allsopp, Wordley, Allsopp & Bloemeke Co.; E. S. Gregory, Wm. Weidlich & Bro.; Mr. Perl, Wagner Mfg. Co.; L. M. Frank, Buffalo Jewelry Case Co.; Mr. Macpherson, C. Ray Randall & Co.; F. E. Whiting, Whiting & Davis; F. D. Newburger, R. Blackinton & Co.; William T. Smith, International Silver Co.; H. F. Lambord, Gorham Co.; P. H. Winterberg, Sprochnle & Co.; W. H. Hamill, Fred Kaufman; Alfred Goldsmith, Adolph Goldsmith & Son; Norman Strauss, Jacob Strauss & Sons; I. W. Friedman, I. W. Friedman; C. F. Shartshorn, Krementz & Co.; R. E. Williams, St. Louis Silver Co.; Robt. Edwards, Whiting Mfg. Co.; E. N. Friedman, Will & Banner Co.; H. C. Rowbotham, Schrader-Wittstein Co.; A. Bernstein, Tuthill Cut Glass Co.; A. Petzfelder, L. W. Levy Co.; D. W. Harrison, W. W. Harrison Co.; C. P. Stouffer, J. H. Stouffer Co.; Wm. E. Smith, International Silver Co.; J. Rothschild, Kaffeman, Rothschild & Co.; Robt. I. Shauk, International Watch Co.; E. M. Bliss, Bliss Bros. Co.; H. A. Scofield, Scofield, Melcher & Scofield; W. B. Marble, Bugbee & Niles Co.; H. L. Chapman, Elgin National Watch Co.

Canada Notes.

L. H. Doll, Calgary, Alberta, has given a bill of sale to C. Traunweiser for $411.

Read & Clark, Winnipeg, Man., have disposed of their business to W. R. Noble & Co., Ltd.

J. P. Vick, Owen Sound, Ont., has given a renewal chattel mortgage to R. Wightman for $286.

Nearly the entire business section of Haileybury, a new town in the Temiskaming district of New Ontario, was destroyed by fire, Aug. 21. H. Walsh, jeweler, was among the sufferers, with a loss of $2,500. His stock was insured for $1,500.

J. S. Smith, St. Catharines, Ont., when on an automobile trip to Niagara Falls, recently, lost a couple of diamonds, valued at $660, which he had wrapped in paper and placed in his hip pocket. The loss was not discovered until he had reached the Falls. The following day he walked the entire distance from St. Cartharines to the Falls and back in the hope of picking up the missing gems but without success. Another search the next day had no better result. On Wednesday, however, a third trial was made, Mr. Smith being accompanied by Charles Logan, a local business man, and at Merriton, a short distance from St. Catharines, Mr. Logan picked up the lost package on the road where it had lain unnoticed for three days.

The Keystone-Crescent Watch Case Co., of Canada, Ltd., at Toronto, has recently been incorporated for the purpose of manufacturing and selling Boss and Crescent gold-filled watch cases, the Canadian company having secured by license from the Keystone Watch Case Co., of Philadelphia, and the Crescent Watch Case Co., of Newark, the sole right to manufacture and sell watch cases under the respective trademarks of these two companies. It is understood that the goods are to be identical in quality, style and finish to those manufactured in the States, and they will be sold to all the trade throughout the Dominion through a limited number of representative jobbing houses. By the manufacture of these goods in Canada not only will they avoid having to pay the duty but they will also enjoy the same facilities and conveniences in Canada in the line as is enjoyed by the dealers in the States.

Lancaster, Pa.

George Fry, engraver, Columbia, broke a leg last week by slipping on a banana peel.

Jacob Bushnell has gone to New York, from which city he sails for Liverpool, to be away two months.

J. W. Van Lear, Harrisonburg, Va., made a visit to this city last week on his way home from a trip to Atlantic City.

Charles Matthews has gone to the mountains near Asheville, N. C., for his health, and will remain until the last of October.

G. Edward Fleischer, head jeweler for Ezra F. Bowman's Sons, has been visiting Niagara Falls and Buffalo with his family.

Henry Terheyden, Pittsburg, was here last week. Louis Weaver, a watchmaker, of Pittsburg, also visited his old home in Lancaster County last week.

The present week ends the Friday half holidays of the jewelry trade for this season. They benefited employers and employes during the warm weather, and no trade was lost.

T. Wilson Dubbs has placed in the pavement in front of his store an attractive sign, in the shape of a watch, of marble, the figures in black. The hands indicate the hour of President McKinley's assassination.

Among the jewelers visiting this city last week were: E. L. Rinkenback, Harrisburg; S. H. Miller, Mt. Joy; C. E. Hinkle, Ephrata; Jacob Fisher, Elizabethtown; J. H. Sensenig, New Holland; Henry C. Foehl, Columbia.

A lot of cheap jewelry, found in the possession of two men arrested near Lancaster last Tuesday, who said they were Frank Nelson and James Byrd, was ascertained to have been taken from a peddler, Johann Manlick, in Lebanon County, who was assaulted on the highway. The men have been taken to that county.

The handsome prizes for the Central Labor Union athletic contests at Rocky Springs on Labor Day were on exhibition last week in Augustus Rhoads' show window, where they attracted much attention. The prizes were contributed by Lancaster merchants, and the jewelers of the city figured prominently on the list of contributors.

S. T. Hardy, with D. Buchanan & Son, Richmond, Va., was a recent visitor to New York, where he was placing orders for holiday stock.

THE GORHAM BUILDING

AN INVITATION

¶ The Gorham Company take this opportunity of reminding those members of the Jewelry Trade who contemplate an early visit to New York that a most cordial invitation is extended to them to visit the Gorham Building at Fifth Avenue and Thirty-Sixth Street.

¶ Here, it is hoped, they may find it of advantage to make their temporary headquarters and to avail themselves of the conveniences offered for the receipt and despatch of their correspondence, for the making of such appointments as they may deem necessary, and for generally facilitating the conduct of their business while in New York.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Handsome Gifts to British Battleship *Dominion* by the People of Canada	47
Exports of Jewelry, etc., from New York	48
Dr. Geo. F. Kunz's Report on Precious Stones—(Continued)	49
Gains in Massachusetts Jewelry and Clock Industries	51
Imports of Clocks, Watches, Jewelry, etc., Into Canada	51
Rings Stolen from Utica Jewelers Returned to the Police	53
Progress of the Pennsylvania Retail Jewelers' Association	53
Death of Albion Keith	53
Full List of Jewelry Stolen from Trunk of A. Eisenberg & Co., San Francisco	55
The Scientific Marketing of a Product	55
Proposed Settlement of J. G. Dillon & Sons to go Before Bankruptcy Court	55
Third Quarterly Sale of Ivory	57
Recent Decisions by General Appraisers	57
Suspect Held on Charge of Robbing Jewelry Messenger at North Attleboro	57
Death of A. C. Guth	57
Elsie Bee's Fashions	57
Serious Labor Condition Reported in Antwerp Diamond Cutting Industry	59
Misleading Statements as to Gorham Co.'s Plan for Sale of Stock in Affiliated Companies Corrected by President Holbrook	59
Imports at New York	69
Patent Department	89
Public Dial Formed of Incandescent Lamps	93
The Lever Escapement and Its Modern Production	93
Invar Balances	95
A Chiming Street Clock	97
The Optometrist's Catechism—(Continued)	103
Anatomy of the Nervous System—(Continued)	104
The Physiological Section, Past and Future	105
Character as an Advertising Asset to the Retail Jeweler	106
Profit and Loss in Business—(Continued)	107
Workshop Notes	109
Gold Lacquer Formulae for Metals	109
Ancient Greek Pottery	111
Glass Ware in Egypt	111
Reappraisements of Decorated China and Glass Ware	113

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

No Compromise With the Thieves.

IT is extremely gratifying to learn from the statement made by Chief of Police Cleveland of Utica to the local correspondent of THE CIRCULAR-WEEKLY that even though most of the rings recently stolen from the store of Jos. Wineburgh & Sons, of that city, have been returned to the firm, nevertheless the prosecution of two of the men arrested for the crime will go on, rumors to the contrary notwithstanding. Unfortunately for the jewelry trade, there have been too many instances of recent years where thieves who had boldly robbed members of the trade had escaped ultimate punishment by restoring, in whole or in part, the booty with which they had succeeded in getting away. Jewelers who compromised such cases or used their influence with the prosecuting authorities to obtain leniency for the culprit who had made restitution, have done harm to the brother members of the craft inasmuch as they have helped to convey the impression, far too prevalent, that criminals who are unsuccessful in escaping may often block prosecution by agreeing with their victims to return the booty which they have taken; all of which helps to increase the unusually large risk which the jeweler runs at all times, and intensifies the danger to which he is always exposed at the hands of the cleverest thieves in the country.

In the Utica robbery it is said that even should the two men, whom the police believe to be guilty, escape on the charge of the local jeweler, that they will be taken to Albany, N. Y., to answer the charge of committing a similar robbery in that city.

While we congratulate Mr. Wineburgh on the return of his property, we also congratulate the trade on the fact that the return was not accompanied by a promise of immunity that would allow these dangerous men liberty to continue in the nefarious work in which the police officials claim they have been engaged for many years.

Importations of Gems During August.

FOLLOWING the examples established in previous months the importations of precious stones and pearls into the Port of New York during the month of August exceeded all recorded figures for that month in previous years by over $1,000,000. According to the figures of Gen. George W. Mindil, jewelry examiner at the Public Stores, the exact amount of the cut precious stones and pearls which came in last month was $2,497,459.09, and that of the uncut stones was $884,837.96, a total of $3,382,296.05. How much these surpass the figures of the corresponding months in former years will be seen from the following table showing the importation during August since 1897:

Aug.,	*Cut.*	*Uncut.*	*Total.*
1906....	$2,497,459.09	$884,837.96	$3,382,296.05
1905....	1,815,718.61	460,154.98	2,275,873.59
1904....	1,632,937.48	388,357.94	2,021,295.42
1903....	1,905,995.19	377,653.02	2,283,648.21
1902....	2,124,078.42	205,427.54	2,329,505.96
1901....	1,458,208.47	398,373.69	1,856,532.16
1900....	1,034,470.82	256,640.35	1,291,111.47
1899....	1,672,364.01	534,497.29	2,206,861.30
1898....	1,131,805.21	589,087.21	1,720,892.42
1897....	1,331,035.56	720,133.75	2,051,169.31

Eighth months of the calendar year show an increase in precious stone importations of approximately $5,000,000 in comparison with last year, while the total up to Sept. 1 was more than $29,000,000. If these statistics can properly be taken to indicate the condition of the trade, this year not only has been but will continue to be the greatest gem year in the history of the jewelry trade.

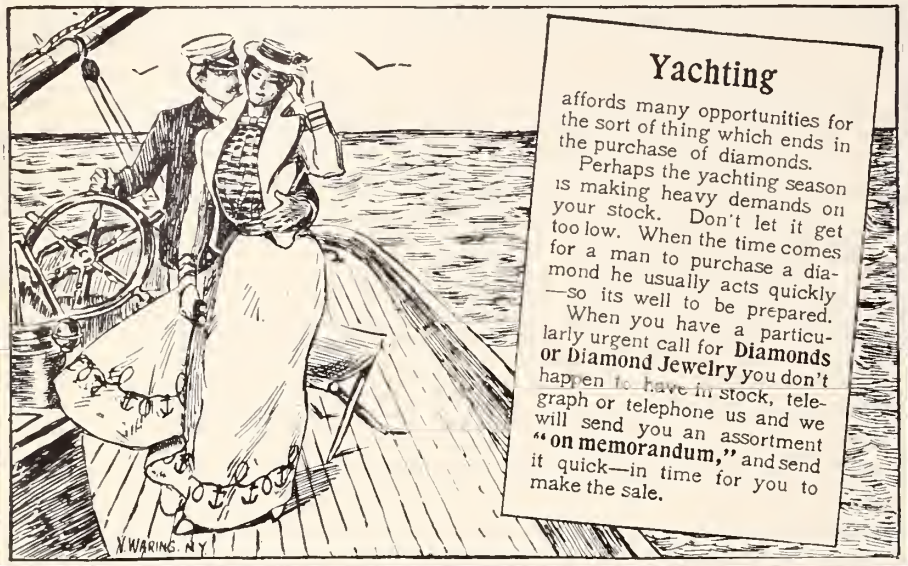
Importations at the Port of New York.

Weeks Ended Sept. 1, 1905, and Aug. 31, 1906.

China, Glass and Earthen Ware:	1905.	1906.
China	$119,053	$71,868
Earthen ware	24,142	19,375
Glass ware	1,009	25,672
Optical glass	1,009	3,533
Instruments:		
Musical	13,853	10,648
Optical	4,131	16,596
Philosophical	4,035	1,945
Jewelry, etc.:		
Jewelry	16,272	10,550
Precious stones	288,925	644,003
Watches	50,596	40,111
Metals, etc.:		
Bronzes	6,903	9,636
Cutlery	38,569	46,127
Dutch metal	3,419	5,868
Platina	21,388	106,518
Plated ware	.....	.....
Silverware	1,673	5,263
Miscellaneous:		
Alabaster ornaments	284	125
Amber	2,550	10,322
Beads	9,106	3,762
Clocks	5,014	6,176
Fans	6,338	7,328
Fancy goods	7,266	10,161
Ivory	7,126	5,099
Ivory, manufactures of	2,326	1,617
Marble, manufactures of	30,171	15,862
Statuary	9,336	3,975

W. Y. Penn has sold his jewelry and book business in Georgetown, Tex., to Wilcox Bros.

ON MEMORANDUM



CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

43 Rue de Meslay, PARIS *Telephone, 2188 Cortlandt* *17 Maiden Lane, NEW YORK*

PRESS DOWN THE TIPS WE'VE DONE THE REST

EASY TO SET | THE ARCH CROWN | EASY TO SELL

PEOPLE CHOOSE THE ARCH CROWN

THE MOUNTING OF ENDURING EXCELLENCE

NON-CATCHING TIPS





NON-CATCHING TIPS



PEOPLE CHOOSE THEM PEOPLE CHOOSE THEM

Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., N. Y.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

ARCH CROWN MFG. CO., 26 CAMP ST., NEWARK, N. J. Samples on Request

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ALBANY, N. Y., C. A. Quayle (Quayle & Sons), Cumberland.
ALTOONA, PA., W. F. Sellers (W. F. Sellers & Co.), Astor House.
ANDERSON, IND., D. Rosenbaum (D. & J. Rosenbaum), Earlington.
ATLANTA, GA., P. Johnson (Chamberlain-Johnson-DuBose Co.), Breslin.
J. L. Moore (J. L. Moore & Sons), Marlboro.
BALTIMORE, MD., M. Schneeberger (Goldenberg Bros.), Albert.
W. E. Putts (J. W. Putts Co.), Cadillac.
BOSTON, MASS., S. Carro (S. Carro & Co.), Broadway Central.
A. Weiler (Jason Weiler & Son), Broadway Central.
CHICAGO, ILL., E. Eiseman (M. A. Eiseman & Bro.), Empire.
T. H. Moore, Victoria.
M. Wineman (Hillmans), Wellington.
DES MOINES, IA., Miss M. Berry (Younker Bros.), 31 Union Sq.
ERIE, PA., S. Cohen, Herald Sq.
FARGO, N. DAK., M. A. Hagen, Breslin.
E. P. Sundberg, York.
JAMESTOWN, VA., S. P. Carlson, Astor House.
LOS ANGELES, CAL., S. H. Dyott (A. Hamburger & Sons), Grand.
NEW ORLEANS, LA., Miss H. Marx (Maison Blanche), 43 Leonard St.
PARSONS, KANS., Frank A. Pfeiffer (J. S. Pfeiffer), 59 W. 36th St.
PHILADELPHIA, PA., G. Boehm (Gimbel Bros.), Albert.
Miss G. Huber (Blum Bros.), Navarre.
ROCHESTER, N. Y., G. P. Klee (Klee & Groh), Seville.
SCHENECTADY, N. Y., H. A. Miller (H. ?. Barney & Co.), Prince George.
SYRACUSE, N. Y., Miss A. M. Smith (E. W. Edwards & Son), Prince George.
TOLEDO, O., A. B. Koch (Lasalle & Koch Co.), Cadillac.
UTICA, N. Y., M. N. Fuhrman (A. S. & T. Hunter), Broadway Central.
WHEELING, W. VA., W. J. McNabb (Stone & Thomas), Victoria.

Trans-Atlantic Voyagers.

TO EUROPE.

S. B. Ross, New York, accompanied by his wife, sailed Saturday on the *Finland*.

Irving Baum, New York; David Mayer, New York, and Lee Reichman, of Jos. H. Fink & Co., sailed yesterday on the *Kronprinz Wilhelm*.

FROM EUROPE.

Sam Hochhaus, New York, returned recently on the *Vaterland*.

John A. Abel, of Abel Bros. & Co., arrived last week on the *Zeeland*.

B. Konijn, of Konijn, Frank & Shire, New York, arrived last week on the *Lucania*.

The John M. Hodson Co., Camden, N. J., was incorporated last week to manufacture pearl novelties, with a capital stock of $50,000. The incorporators are: John M. Hodson, Roxbury; Frank S. Hodson, 1348 Jerome St., Philadelphia, Pa.; W. Ellis Coe, 435 Walnut St., Philadelphia.

New York Notes.

Frederick Ellis, of the S. & L. Lederer Co., recently started for the east.

W. A. Salmon, of the Reviere Brass & Bronze Co., will start out on a business trip in the near future.

Alex Levine, of the Providence Co., accompanied by his family, is spending the Summer at Budd's Lake, N. J.

Geo. Fred. Heydt, of Tiffany & Co., left on his vacation several days ago, and is expected back at the end of the present week.

Irving Baum, New York, sailed yesterday for Europe on the *Kronprinz Wilhelm*. He will visit Amsterdam and Antwerp to buy diamonds.

Store Detective Larkin, of the Gorham Co.'s Fifth Ave. store, has been away on his vacation and is expected to return at the end of this week.

David Mayer, 14 Maiden Lane, sailed for Europe on the *Kronprinz Wilhelm* yesterday. Lee Reichman, of Jos. H. Fink & Co., sailed yesterday on a trip to the diamond markets abroad.

Al. Bessae, of the Mauser Mfg. Co.'s factory, Mt. Vernon, N. Y., has the sympathy of his friends in the trade owing to the death of his baby son Thursday. The child was born Feb. 13th last.

Traffic on Maiden Lane was slightly interrupted Thursday afternoon at about 4 o'clock, due to the procession of carriages carrying Hon. W. J. Bryan and his associates, which went up Broadway.

Miss Bella Veil, saleswoman in charge of the New York office of the S. & B. Lederer Co., 11 Maiden Lane, has been away for the past few days because she met with an accident while out roller skating recently.

A circular recently sent out by Pinkerton's National Detective Agency to the jewelry trade reports that a considerable quantity of jewelry had been stolen from a sleeping room at 253 W. 45th St., New York.

S. B. Ross, 68 Nassau St., accompanied by Mrs. Ross, sailed for Europe on the *Finland* Saturday last. Mr. and Mrs. Ross expect to visit the diamond markets, and combine business with pleasure for about six weeks.

Interviews on the subject of the investigation of the "ice trust" with Bernard Karsch, 641 Eighth Ave., who was foreman of the August Grand Jury for New York County, were published, last week, in many daily newspapers.

Joseph G. Bernard, of the Norman Selby Co., 1503 Broadway, has spent his vacation at Lake George, N. Y. He left this place last week for New York, and on his way stopped at Poughkeepsie, of which place he was once a resident.

In a recent note referring to Cyrus Price & Co., 170 Broadway, it was erroneously stated that they were brokers in diamonds as well as importers and cutters. The concern confines its business to importing and cutting diamonds exclusively.

M. S. Fersko has started in business for himself as a watchmaker and jeweler, and yesterday opened a store at 1888 Third Ave., between 104th-105th Sts. Mr. Fersko has been working in the jewelry trade in this country for the past six years and prior to that time worked in Europe.

W. T. Hixson, of W. T. Hixson & Co., El Paso, Tex., and R. Van Keuren, of R. Van Keuren & Co., Savannah, Ga., were among the southern jewelers visiting their friends in the Maiden Lane district last week. Mr. Hixson and Mr. Van Keuren were also among the dealers who visited the office of THE CIRCULAR-WEEKLY last week.

The $10,000 silver service made by Tiffany & Co. for the United States battleship *New Jersey* is now ready to be shipped to the State, which will present it to the new battleship, which was recently assigned to the North Atlantic Squadron. It is expected that before the presentation the silver service will be exhibited, either at Tiffany & Co.'s store or at one of the armories.

Detective Sergeant Andrew Nugent has not been seen on Maiden Lane during the past few days because he is away enjoying his vacation. Meanwhile Detective Sergant McGinnis is keeping a double watch on the Lane for undesirable visitors. Now and then Detectives Dowling and Oppenheim are seen walking up and down the Lane, aiding their associate from the Central Office.

John A. Abel, of Abel Bros. & Co., 64 John St., returned yesterday on the *Zeeland* after an enjoyable trip through Europe, where he has been since the latter part of June. Mr. Abel made heavy purchases in the precious stone and diamond markets, and also made an extensive investigation as to the styles and designs in jewelry which will be brought out in Europe during the present season.

The firm of Levinson & Friedlander, importers of diamonds, 47-49 Maiden Lane, who started in business a short time ago, is composed of Isaac Levinson and Philip M. Friedlander. Mr. Levinson has been in the jewelry trade for a number of years, having been a member of the former firm of Miller & Levinson, 134 Hester St., and after that concern went out of business he was a diamond dealer at 71 Nassau St. Mr. Friedlander was formerly in the fur business.

Many New York papers recently published accounts in which they stated that on account of the increase in the price of silver, there would be an increase in the cost of silverware. This report was not confirmed by some of the largest silverware dealers, when interviewed last week by a reporter of THE CIRCULAR-WEEKLY. At present, the manufacturers stated, there is no change in the price of silver articles and that they saw no reason for advancing the prices in the near future unless the advance in the price of the metal continues to a great extent.

William Edgar Marshall, the well-known artist and portrait painter who died Wednesday at his home, 711 Broadway, was at one time in the jewelry trade. The deceased was born in Chicago in 1835, and as a boy moved to Washington with his parents, where he learned the trade of watchmaker and engraver. Later he went into the Treasury Department and was employed at engraving portraits. He left this work to go to Paris to study art and attained great success as a portrait painter. The funeral services were held from All Souls' Church Saturday.

Questions in relation to the valuation and duty on a quantity of diamonds imported by Eduard Van Dam, the facts of which were reported in last week's issue, have since been settled, the importer paying the duty on the increased valuation and paying the penalty, amounting to something more than $20,000. The diamonds have been released from custody and delivered to the importer. As told last week, Mr. Van Dam says that the error in undervaluation was made at Amsterdam. The invoice value of the shipment, $40,000, was advanced to a little more than $60,000 by Appraiser E. S. Fowler.

President Roosevelt's likeness, carved in a coral cameo, has recently been completed at the works of Borrelli & Vitelli, 401 Broadway. The cameo, which is several inches in diameter, will be placed on exhibition in a prominent store in this city. The piece used for the cameo was cut from an unusually large and handsome mass of rose colored Japanese coral, which was purchased several weeks ago by Carl H. Weidemann while he was abroad in the interest of the firm. The price paid for the entire coral structure was 30,000 lire, or about $6,000, and on this a duty of 60 per cent. was paid on importation.

James McCrosson, 26 years old, who was arrested and held on July 18 for having stolen three pearl studs from the store of A. Frankfield & Co., at 38 W. 34th St., and who is said to be wanted by many jewelry concerns in other cities, pleaded guilty to the charge of grand larceny early last week before Judge Rosalsky in the Court of Special Sessions and was sentenced to one year's imprisonment. At Mr. Frankfield's store it was stated that the gems had been traced and recovered. McCrosson, as reported in THE CIRCULAR-WEEKLY, July 25, is said to be the same man who entered the Gorham Co.'s store on Fifth Ave., where he is said to have stolen several articles, which were traced and recovered by Store Detective Larkin.

Walter J. O'Heill, the messenger formerly employed by R. V. Hurd, 126 W. 23d St., who was accused of having skipped out a short time ago with a quantity of jewelry valued at $5,000, was seen in New York last week, according to Mr. Hurd. The police have as yet been unable to catch O'Heill. "O'Heill," said Mr. Hurd to a reporter of THE CIRCULAR-WEEKLY, "has visited many cities, and with the aid of the stolen jewelry he has succeeded in getting engaged several times to some well-to-do young women. After a short acquaintance, however, O'Heill would disappear with as much of the girl's valuables as he could lay his hands on. He gave fictitious names to such families and said that he was employed in the office of District Attorney Jerome. In order to keep up his supply of money O'Heill pawned several hundred dollars' worth of the stolen jewelry. After having pledged them he sent about five of the tickets to his father, who turned them over to the detective working on the case." The tickets show that he was in New York last week as well as in many scattered cities in different States. "All I care for," continued

(New York Notes continued on page 75.)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET. NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

The Officers and Directors of

THE MERCANTILE NATIONAL BANK

of the City of New York announce the removal of their banking rooms to their new quarters in the Western Union Building, 195 Broadway, corner of Dey Street, and invite your inspection of their equipment

¶ Do you know that it pays to sell patterns of which the buyer won't tire?

¶ Did you ever stop long enough to realize that the pattern of the Cut Glass you sell must have good "lasting powers"? There are patterns that make a good first impression, but which don't continue to please. That isn't the kind you should sell. That isn't the kind we produce.

¶ It may seem a small matter to you—a matter for your customers rather than you to be concerned with. But that's not so. A pattern that proves unsatisfactory to your customer will in the end prove unsatisfactory to you—unless you are not looking for future dealings with that customer.

¶ Our patterns in AMERICAN CUT GLASS are the kind that continue to satisfy. They're not the kind of which you tire.

¶ When in New York make our warerooms your headquarters, whether you buy or not.

INTERNATIONAL SILVER CO.

9-11-13 Maiden Lane, NEW YORK

FACTORIES

THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
THE WATROUS MFG. CO.
THE MERIDEN CUT GLASS CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
MERIDEN BRITANNIA CO.
SIMPSON, HALL, MILLER & CO.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.

New York Notes.

(Continued from page 71.)

Mr. Hurd, "is to get all the pawn tickets as soon as possible, so that I can satisfy the losses of my customers."

Chas. DuCommun, a watchmaker residing at 813 Eastern Parkway, Brooklyn, N. Y., was drowned on Monday while bathing in the Hudson River off 155th St., New York.

A quantity of cheap jewelry was taken by customs inspectors from William Hengler, a passenger on the steamship *Blücher*, arriving in New York last Monday. Jewelry to the value of $400 was taken by inspectors from Leon Ancone, a passenger on the *Philadelphia*, arriving Saturday.

Miss Martha Grote, daughter of Herman Grote, said to be a jeweler at 85 Lang St., made known to her friends last week the secret that she had been married to Edward E. Richards, a diamond setter, almost two years ago. "My husband," said Mrs. Richards, "couldn't keep the secret, so on Sunday of last week we told our parents."

Several New York jewelers have recently made offers, according to a telegram from San Francisco, Cal., for parts of the collection of precious stones and jewelry left by the late Mrs. Jane Stanford. The collection, valued altogether at nearly $1,000,000, is to be sold by the trustees of the Leland Stanford University, a part at private sale and the remainder at auction in New York and London.

It is reported that the early part of September will witness the improvements that are being made on the clocks in the towers of the municipal building of Irvington. The Committee on Public Buildings intends to substitute dials made of ground glass for the present ones, behind which will be placed two 64 candle power incandescent lamps, so that the time will be visible to all during the night.

Geo. W. Beardsley, who travels for Allsopp & Allsopp, met with a very uncomfortable accident while riding on a sleeping car from Pittsburg to Washington. While in the washroom the train gave a jolt and he grabbed hold of a door frame to steady himself. As he did so the door slammed, catching the thumb of his right hand and crushing it so badly as to cause severe injury. Mr. Beardsley is recovering slowly and expects to be completely over his injury in a short time.

Two men were arrested about 5 o'clock last Saturday morning on the charge of burglary in entering the store of Horowitz Bros., 106 Canal St. Policeman Hoffman of the Eldridge St. station, who made the arrest, said that he caught one of the men in the store while the other was outside on guard. In the Essex Market Police Court the men were held for trial in $1,500 bail each. They gave their names as William Wright, of the Progress Hotel, Bowery, and Morris Greenwall, 102 E. 121st St.

Next Saturday the 24 Karat Club will hold its annual outing at the Port-au-Peek Hotel, Long Branch, N. J. Members will board the 10 a. m. boat at the foot of Cedar St. for Sandy Hook, and will proceed thence by train to Monmouth Beach, where conveyances will be in waiting. On arrival at the grounds there will be amusements of various kinds and a clambake. The athletic events, for which handsome prizes have been donated, will include a sack race, a potato race, quoit throwing, baseball throwing and a 100-yard run. The last-mentioned event is open to members only, who will compete for the beautiful cup presented by President Wormser.

News Gleanings.

E. S. Hook, Spray, N. C., has sold out.

E. N. Mann, Alma, Kans., has sold out.

John B. Jones, Falls Creek, Pa., has discontinued business.

A. Seibels, Cawker City, Kans., has sold out.

B. C. Clark has discontinued his jewelry business in Lindsay, Ind. T.

Robert R. Temple, La Moure, N. Dak., has renovated the interior of his store.

A. L. Van Leer & Co. have moved their stock of jewelry from Burwell to Clarks, Nebr.

Kerr & Co., Ellendale, N. Dak., have dissolved partnership. Vedo Kerr will continue the business.

F. W. Zimmerman has sold a part of his interest in the jewelry business at Staples, Minn., to J. L. Cross.

J. G. Mackey, Attalla, Ala., has completed arrangements to move to Valdosta, Ga., where he will continue business.

The old sidewalk in front of the store of G. R. Thompson, Findlay, O., is now being taken up and replaced by a new one.

C. G. Reim has sold his general store in Osceola, Minn., and will devote his entire attention to his jewelry store in New Ulm.

Ed. Sharp and family left Lansdowne last week for Pensacola, Fla., where Mr. Sharp will have charge of the store of B. Gerson.

A. W. Smith, Port Jervis, N. Y., returned home recently from a two months' tour abroad. Mr. Smith visited Sweden, France and Germany.

Damage amounting to about $2,000 was recently done by fire to the store of P. P. Neill, Clarendon, Ark. The loss is partially covered by insurance.

A. J. Rankin & Co., Roanoke, Va., are making extensive improvements in the interior of their store. New show cases and handsome fixtures are being installed.

Dr. W. W. Clendenin, formerly of Memphis, Tenn., was recently arrested in Longview, Tex., on a charge of securing a diamond ring on the instalment plan from Samuel Friedlander, Memphis, Tenn., and leaving the State without paying for the same.

Bernard E. Arons and his wife yesterday celebrated their 25th anniversary at their Summer residence in Arondale on Lake Erie, Angola, N. Y. Mr. and Mrs. Arons were greeted by a large number of friends and were the recipients of many handsome gifts.

Paul M. Strain who, for a number of years, had been employed by C. W. Beardsley, Litchfield, Ill., has purchased the business of John Greaves, Rolla, Mo., and taken charge of Mr. Greaves' store. Mr. Strain is a brother of S. M. Strain, Nokomis, Ill., President of the Illinois Retail Jewelers' Association.

Frank Berry, who was recently brought back to Detroit, Mich., to stand trial on a charge of looting the store of Roehm & Son, of that city, stoutly denies the charge. It is alleged, however, that $15 worth of jewelry stolen from Roehm & Son was found on the accused.

H. H. Feige, Lake City, Ia., has just received payment from the government for a lost registered package which he mailed seven years ago. The government made every effort to locate the missing package, going to the extent of searching the property and persons of employes of the local postoffice, but without finding any clue.

About a week ago robbers smashed the large plate glass in the sporting goods department of T. W. Gurley, Meyersdale, Pa., and got away with over a dozen revolvers, one 16-caliber Winchester rifle, one Stephen 22-caliber revolver. Fortunately they did not get into Mr. Curley's jewelry department. A reward of $50 has been offered for the arrest and conviction of the guilty parties.

The firm of Carl Entenmann, Los Angeles, Cal., was recently incorporated and is now known as the Carl Entenmann Jewelry Co. The concern is located at 217½ S. Spring St., that city. It assumes all responsibilities of the old firm and will continue to maintain its well-established reputation. In a previously published report of the incorporation the name was erroneously given as Entlemann.

The store of the Heck Bros. Co., Wilkinsburg, Pa., was robbed early Saturday morning and stock valued at $100 stolen. The thieves took stick pins, cuff links, watch fobs, shirt-waist sets and other jewelry. The jewelry was taken from the show cases. This is the second robbery committed within a year. Two men are under suspicion. One is a peddler, who sells tops and cheap jewelry. He took out a license to do a street business and then disappeared. The police have a good description of the thieves.

The Stanley J. Peters Co., whose main offices have been at Bramwell, W. Va., has moved its stock to Kimball, W. Va., and will hereafter conduct business in Kimball, Norfolk, and Gary. The removal from Bramwell was responsible for a report in certain quarters that the concern was going out of business, but this is absolutely incorrect, as the company announces that it left Bramwell because it was doing a larger business in both of its branch stores than it was in the main establishment, and therefore decided to move the stock to the branch stores until they were located in a better town.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

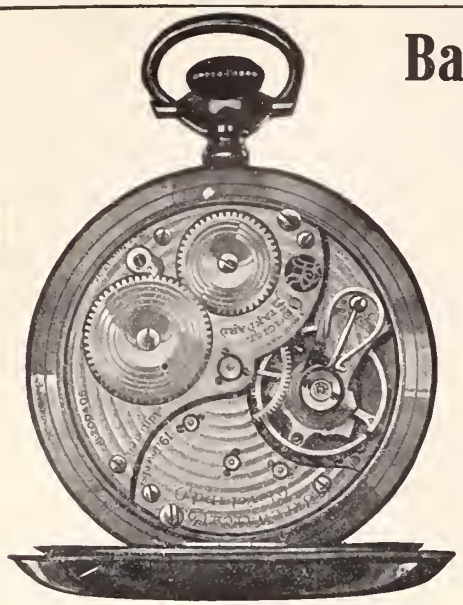
Week Ended Sept. 1, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$411,129.55
Gold bars paid depositors	106,120.39
Total	$517,249.94

Of this the gold bars exchanged for gold coin are reported as follows:

Aug.	27	$158,396.73
"	28	55,944.16
"	29	41,118.91
"	30	72,330.99
"	31	62,868.40
Sept.	1	20,470.36
Total		$411,129.55



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854. INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS,
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.

Cutters of DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL PHILIP NOEL

RUDOLPH NOEL & CO.

IMPORTERS OF

DIAMONDS

2 Tulp Straat, AMSTERDAM 'Phone 1902 John 37-39 Maiden Lane, NEW YORK



WESTERN DEPARTMENT

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago.

Vol. LIII. CHICAGO, WEDNESDAY, SEPTEMBER 5, 1906. No. 5.

Chicago Notes.

Oscar Lessing has returned from a western trip.

Chas. S. Purdy of the Judson Emblem Co. is on a vacation in northern Wisconsin.

B. T. White, of Otto Young & Co., is spending his vacation at his Summer home at Paw Paw Lake, Mich.

Emil Noel, formerly with Jos. Brown & Co., has gone into business for himself in Room 317, Unity building.

H. Mantrain, a Melbourne, Australia, jeweler, was visiting the trade for a few days, last week, in this city.

C. C. Patton, Canon City, Colo., stopped over in Chicago on his way home after a two weeks' outing at Waupaca, Wis.

George H. Birkebak, with the firm of Myron H. Bell, Kalamazoo, Mich., was married in this city on Sunday, Aug. 26.

R. F. Prochnow of the Ft. Dearborn Watch & Clock Co. has returned from a purchasing trip to the Eastern factories.

F. E. Wallis, Chicago representative of T. W. Adams & Co., New York, is making a visit to the factory and other eastern points.

R. H. King, of the Chicago office of the Ostby & Barton Co., is making a western trip, embracing St. Louis, Kansas City and St. Paul.

Herman Chas. Watts, Forrest, Ill., secretary and treasurer of the Illinois Retail Jewelers' Association, spent two days here last week.

Thomas Rudd, of Charles E. Graves & Co., has returned from Denver, where he had gone for a vacation after undergoing a slight operation.

Barnett Bros. have removed from 142 W. Madison St., where they have been located about four years, to the Chicago Savings Bank building.

Benjamin C. Burgbacher, 2973 Archer Ave., is at Benton Harbor, Mich., taking baths for rheumatism, from which he has been a sufferer for some time.

Miss Carver, with Otto Young & Co., who was one of Julius Sehnering's assistants, has left the employ of that concern on account of her approaching marriage.

David S. Geer, celebrated as an after-dinner speaker among the optical people, was given a dinner in honor of the 50th anniversary of his birth, Aug. 29. Twenty-two people were at the table and a very enjoyable time was had.

"Tom" Hoefer, road salesman for M. A. Mead & Co., went over from Michigan, which is part of his territory, and was married to a Canadian lady at London, Ont., Aug. 26.

The Bauman Jewelry Co., 74 E. Madison St., will soon erect a Seth Thomas street clock in front of its premises. The clock will have a transparent white dial, and will be illuminated at night.

Carlos Hayes, Norfolk, Nebr., accompanied by his wife and daughter, was a visitor here last week. Mr. Hayes returned home after stopping off to see his uncle, A. C. Taylor, Cedar Rapids, Ia.

Fred B. Blackmond, formerly in business at Dowagiac, Mich., has joined the traveling force of the Peerless Optical Co., and will cover the States of Michigan, Wisconsin and Indiana for that concern.

J. A. Limbach, Chicago manager for Theo. W. Foster & Bro. Co., is now on an eastern trip, taking in Cleveland, Cincinnati, etc. R. T. Kleckner, of the same office, leaves for the coast this week.

Reuben W. Cohen, 103 State St., will hereafter represent Geo. H. Cahoone & Co., Providence, R. I., in the middle west, northwest and west. He will take in all cities east to Buffalo, north and northwest from St. Paul to Denver, west to Kansas City and south to Cincinnati.

News was received here last week that Everett Cleiss, son of Charles Cleiss, of Cleiss & Clauer, had bought out the retail jewelry store of Joseph De Lorenzi, Mishawaka, Ind., for a consideration of $5,000. Mr. De Lorenzi is one of the best known jewelers in that section of Indiana, and will shortly begin the manufacture of children's go-carts.

Col. T. P. Moody, the jewelers' auctioneer, arrived here from St. Louis last week, after finishing a successful auction sale for the Mermod, Jaccard & King Jewelry Co. While in St. Louis Col. Moody acquired the ownership of a patent cigar cutter which not only cuts the end from a cigar but also hands you a match at the same time; he also acquired the selling agency for 900 acres of land adjoining the city of Houston, Tex., and last, but not least, bought a large plot of ground at La Grange, Mo., where he plans to erect a 300-room hotel.

The following were among the buyers in Chicago during the past week: Duane G. Berry, Carthage, Ill.; Louis Borsheim, of Brown and Borsheim, Omaha, Nebr.; Col. J. C. Herkner, of the J. C. Herkner Jewelry Co., Grand Rapids, Mich.; both members of the firm of Kruckemeyer & Cohn, Evansville, Ind.; J. D. Mosely, Clarion, Ia.; James Cramer, Clarinda, Ia.; Fremont E. Shortess, Traer, Ia.; A. Buchmann, Clay Center, Kans.; R. A. Woodward, Sandwich, Ill.; Fred A. Marcan, Belvidere, Ill.; C. F. Graff, Elkhorn, Wis.; Mrs. Ed. Herbst, Sparta, Wis.; Henry W. Klopf, Neillsville, Wis.; Ed. W. Kelly, Sullivan, Ind.; A. E. Foster, Creston, Ia.; M. Spaulding, Champaign, Ill.; L. L. Hinckley, Lake City, Ia.; W. A. Sheaffer, Ft. Madison, Ia.; Edward C. Draper, St. Anne, Ill.

Omaha.

S. W. Lindsay has just completed improvements in the interior of his store.

M. Pfeiffer, Kansas City, Mo., has taken a position with Jacob L. Jacobs, in this city.

Miss Ella Rutherford, with Joseph P. Frenzer, has gone to the lakes of Minnesota for a two weeks' pleasure trip.

Fred Brodegaard & Co. will supply the three gold medals to the Deutscher Landwacher Verein to be given to the best turner.

Miss Anna Hoyt, with S. W. Lindsay, is back at work again, having been confined to her home for two weeks on account of sickness.

W. B. Graves, Elkhorn; D. T. Smith, Lincoln; W. O. Barnes, Allianee; C. F. Collins, Dunbar, and S. M. Thomas, Tabor, Ia., were in this city last week, replenishing their stocks.

S. W. Lindsay, accompanied by his wife and son, left for Chicago last week. Mr. and Mrs. Lindsay will visit for several weeks, while their son Curtis will enter his sophomore year at the Armour Technical School.

A. M. McKay, Cartwright, N. Dak., expects to engage in business in one of the towns across the border in Manitoba, probably either Snoflake, Crystal City or Pilot Mound.

To Jobbers Only.

Get Aboard

The Good Times Special

leaves our office daily
with QUICK SELLERS
at popular prices.

DIAMOND JEWELRY
AND
DIAMOND MOUNTINGS



Cincinnati.

Mr. and Mrs. A. G. Schwab, of A. G Schwab & Bro., have returned from a three weeks' trip in the east.

Jno. C. Dallard, Jr., with the Clemens Oskamp Co., has returned from a trip through Kentucky and Indiana.

A. Chapman, with the Loring Andrews Co., accompanied by his family, has gone to Michigan for a few weeks' outing.

Frank Herschede, of the Frank Herschede Co., and family have returned from their automobile trip in the east, having made a remarkable record by having only one puncture. F. Kramer, silver buyer for the same firm, leaves to-day for the east. C. S. Bennett, bookkeeper for the company, has returned from his pleasure trip of two weeks.

Among the out-of-town dealers who called on the trade here during the past week were: Henry G. Meyer, Meridian, Miss.; J. Calvert, Russellville, O.; W. L. Fredeking, Minton, W. Va.; J. D. Hope, Knoxville, Tenn.; Albert Bland, Greenfield, O.; Frank H. Reynolds, Springfield, O.; C. Schlenker, Hickman, Ky.; J. Jones, Lexington, Ky.; O. V. Neal, Parkersburg, W. Va.; H. A. Rohs, Cynthiana, Ky.; R. R. Lusk, Utica, O.; Carl Fried, Springfield, O.; Anderson & Boothe, Byesville, O.; Joseph Embrey, Richwood, O.; G. A. Gamenthaler, Barnesville, O.; M. Kohlhagen, Birmingham, Ala.

Two well-dressed men recently entered the store of A. E. Johnson in Norwood at noon, just when the factories around stopped and the streets were full of people. They asked to look at collar buttons, and selected two for 50 cents, giving in payment a $20 bill. Mr. Johnson went to the safe and took out $19.50 in change. One customer remarked that he owed the other man $5 and that was the reason he wanted so large a bill changed. As the jeweler laid the change on the counter the men inquired about a watch, and, diverting his attention, grabbed all the money, the $20 bill and the change, and ran from the store. Mr. Johnson immediately rushed after them, but they jumped on a car, and he followed and caught one of the men. He would have been able to hold the thief but for the conductor, who, not knowing what was the matter, interfered, and his action let the thieves escape. By the time the jeweler left the car, after explaining the matter to the conductor, the thieves were nowhere in sight. The police were notified and given a good description of both men.

Pacific Northwest.

M. Schnal is opening a store at the corner of First Ave. and Main St., Seattle, Wash.

Mr. Birge, Davenport, Wash., has completed extensive improvements in the interior of his store.

J. Q. Adams, Chewelah, Wash., has sold his stock to F. G. Rauch and intends to discontinue the jewelry business in that place.

The store of Hadley & Hadley, Freewater, Ore., was broken into early one morning last week. The safe was blown open and about $150 worth of jewelry was stolen. It is believed the same gang broke into the Athena depot the night before committing the burglary at Freewater.

San Francisco.

TRADE CONDITIONS.

The retail jewelry trade in San Francisco, Cal., is, at present, quite dull, owing to the fact that the entire street car system of the United Railways is tied up by the strike of the car men to enforce their demands for an increased wage and the eight-hour day. As the streets and sidewalks of the city are as yet in such a dilapidated condition, walking is very disagreeable and shopping will receive a serious setback until the car lines are in operation again. Leading jewelers feel that San Francisco at the present time, more than ever, needs a rest from the industrial wars to which she has been so frequently subjected during the past few years, and the undivided energy of her people should be directed toward her immediate upbuilding. The wholesale trade shows no signs of diminishing in volume and preparations are being made for an unusually heavy Winter business. The downtown district, where most of the wholesale dealers are now located, is being cleaned up very rapidly, and many of the large buildings will soon be ready for occupancy again. The Kamm Building, on Market St., near 3d St., is receiving particular attention, and work is being rushed to complete this structure as soon as possible. The steel work in the rear that was injured has been removed, and this portion of the building will be rebuilt and then occupied by the tenants while the front is being renovated. The mutual Savings Bank Building, into which M. Schussler & Co. are soon to move, together with other wholesale jewelers, is now receiving the finishing touches at the hands of the decorators, and as soon as the elevators are installed, will be ready for occupancy once more.

Justus Hurbst, formerly of 202 2d St., has opened a jewelry store at 2208 Bryant St.

M. Adlesdorfer, representing the Wm. L. Gilbert Clock Co., is now located at 1103 Gough St.

M. K. Giant, Vallejo, and Louis C. Koberg, Healdsburg, visited the wholesale jewelers of this city last week.

W. Berwin, watchmaker, has taken quarters with I. S. Dinkelspeil, the diamond importer, at 1021 Van Ness Ave.

The Nathan-Dohrman Co. has opened a store on Van Ness Ave., near Pine St., with a full line of cut glass ware, etc.

Chas. Haas, Stockton, is spending his vacation in San Jose, and Mr. Herg, Reno, is at Pacific Grove taking a much needed rest.

The Gem Jewelry Co. has been incorporated in this city, with a capital stock of $75,000, by M. M. Morris, I. H. and M. M. Lichtenstein.

Shreve & Co. have renewed the lease on the building at Post St. and Grant Ave. for 15 years and expect to have part of it at least ready for occupancy by the first of the year.

Many of the large manufacturing concerns that were in business in San Francisco before the fire have found suitable factory sites along the railroad lines across the bay in the vicinity of Emeryville. Rothschild & Hadenfeldt have just completed their factory there at San Pablo Ave. and 38th St., and expect to commence operations this week. The factory is the largest on the Pacific Coast, and is fitted with a complete equipment of the very latest machinery. The working force will number about 100 men to commence with, and more will be added as it becomes necessary.

J. S. Adler, representing E. M. Weinberg & Co., New York, is here, in the interests of that firm. He was here a few days after the fire, but went east and returned last week to show his Fall and Winter samples. "The amount of work that has been accomplished during my absence is nothing short of marvelous," he said, "and the people of San Francisco deserve all the credit in the world for their perseverance and pluck. When I came here on this last trip I really did not expect to do a great deal of business in San Francisco, but have been agreeably surprised. I had supposed that with so many people here without homes, the jewelry business would be very slow, but the stores seem to be doing about all the business that they can handle."

Money has already been subscribed for a number of improvements that will make Van Ness Ave. one of the most attractive of shopping districts. Artistic electric light poles are to be placed in the center of the avenue, from Market St. to Pacific Ave., and safety stations will be placed at regular intervals for the convenience of pedestrians. The width of the avenue (123 feet), and the absence of a car line to mar its beauty, make it an ideal street for the high class shopping trade which it is now enjoying. In regard to the future of Market St., Mr. Hammersmith, of Hammersmith & Field, is of the opinion that it will always be the most important street of the city, but expects to see the really high class trade center around Union Sq. and that district when the down town section is again ready for business.

Minneapolis and St. Paul.

A. W. Sandberg, formerly with Mr. Sorensen, North Minneapolis, moved recently to Virginia, Minn.

The M. Philipsborn Co. is about to open a general store at 615-621 Nicollet Ave., Minneapolis. Two circular sections will be devoted in the center of the store to jewelry.

The Minnesota State fair opened Sept. 3 at the fair grounds between Minneapolis and St. Paul. Low rates are made on all railroads. This always has a good effect upon the retail trade of the Twin Cities. A large attendance is expected this year.

Miss Dora Bell opened an optical parlor in Room 58, 423 Robert St., St. Paul, Monday, Aug. 27. Miss Bell is one of the few lady opticians in the United States and the only one in St. Paul. She is a member of the State and American Optical associations and is well and favorable known throughout the northwest as a successful optician and optometrist.

Smashing in the show window of Ben Mizner's pawnshop, 44 Monroe Ave., St. Paul, Monday, of last week, an unidentified thief hastily grabbed what jewelry he could lay his hands on and fled. Detectives High and Larkins and several patrolmen were soon on the spot, but so far the thief has not been arrested. He secured two or three watches and some other small articles.

Among the out-of-town jewelers in the Twin Cities last week were: J. W. Rhodes, Detroit City, Minn.; C. C. Maxwell, Arlington, Minn.; I. M. Radabaugh, Hastings, Minn.; Philip Jacoby, Kalispell, Mont.; H. Haneter, Hanley Falls, Minn.; M. E. Williams, New Rockford, N. Dak.; H. C. Smith, Miles City, Mont.; E. L. Hunkins, Billings, Mont.; J. D. Lifquist, Henning, Minn.; S. H. Kanlor, Moorhead, Minn.; J. L. Egleston, Wadena, Minn.

St. Louis.

Mr. Shuttles, of the Shuttles-Mitchell Co., Dallas, Tex., stopped off in St. Louis last week on his way east.

James J. Burke, president of the Brooks Jewelry & Optical Co., is in Chicago on a business and pleasure trip.

Will Deishert, Laredo, Tex., is at present in this city, buying stock and taking a special course at the St. Louis Watchmaking School.

Sam G. Kober, for a number of years with J. W. Cary & Co., is now connected with the E. Maritz Jewelry Mfg. Co., Nulsen building.

Moses Strauss, the veteran traveling representative with the L. Bauman Jewelry Co., made a special trip through Missouri last week for that firm.

W. T. Ely, manager of the repairing department of the Mermod, Jaccard & King Jewelry Co., has returned from his vacation, spent in fishing on the lakes.

E. W. Bornmueller has resigned his position as buyer of the silverware department of Mermod, Jaccard & King Jewelry Co., after a connection of 12 years with that firm.

All arrangements have been made for the outing at Forest Park Highlands this evening of the Retail Jewelers' Association of Missouri. The prospects are that the attendance will be unusually large.

Cable advices were received last week from Frederick W. Drosten, of the Frederick W. Drosten Jewelry Co., from Paris. With his wife he departed, Sept. 1, from Dresden, thence to Berlin and home.

C. Perley Hutchinson, vice-president of Whelan-Aehle-Hutchinson Jewelry Co., has returned home, accompanied by his wife, after a vacation spent in Onawa, Me. P. T. Whelan, president of the company, was confined to his room several days last week on account of illness.

Among the out-of-town jewelers in this city last week, not elsewhere mentioned, were the following: I. B. Morris, Perry, Mo.; F. M. Truby, Coffeyville, Kans.; H. Oberle, Weldon Springs, Mo.; W. G. Howell, Dalhart, Tex.; Albert Amant, Chandlerville, Ill.; M. A. Lesser, Fort Worth, Tex.

Frank T. Barton, manager of the Chicago office of the Fontneau & Cook Co.; J. A. Granbery, of J. A. & S. W. Granbery, Newark, N. J.; William Huger, of William Huger & Co., Newark, N. J.; Max Arnstein, of Arnstein Bros. & Co., and S. C. Powell, of S. C. Powell & Co., New York, were visitors to the local trade here last week.

Frank Windweh, a watchmaker, for 14 years with Herman Mauch, 507 Franklin Ave., died in this city, Monday of last week. Mr. Windweh was 31 years old, and leaves a widow. The funeral took place Thursday afternoon. Mr. Windweh had been ill for the last five months, and had been taking a vacation. He was thought to be improving, and had expected to return to his labors on Tuesday. He was with Mr. Mauch at 4.30 o'clock, but died two hours later after reaching his home. He was a young man of most estimable character, and was well liked by a large circle of friends and acquaintances in this city.

W. R. Adams, Frankfort, Ind., has gone out of business.


CHAS. WILLIAMS


A. J. RINKENBERGER


JOHN L. SPARBRO.


C. L. KNUDSON


J. H. PURDY


C. E. ISLIN

We wish to announce to the trade that we have taken over the business of J. H. PURDY & CO., and we now can supply the jewelers' wants better than ever. The expense of conducting a business where it is possible to supply the dealer with anything he desires is greatly reduced, thus assuring our patrons of the lowest possible prices. This combination gives us the largest and most complete tool and material stock in the country.

We do not wish to take advantage of this opportunity to elaborate on the possibilities of our house, but we want you to be in touch with a firm that is in a position to attend to your wants for anything pertaining to the jewelry or kindred trades, and the policy we have always followed will be strictly adhered to, viz.: to give all of our patrons prompt and accurate service, and to furnish them dependable merchandise at the lowest prices.

MR. J. H. PURDY has been identified with the tool and material business in Chicago almost since its conception, and is so well known that any further comment would be superfluous. He retains an interest in the new company, and will soon call on the trade.

JOHN L. SPARBRO has been in the tool and supply department of J. H. Purdy & Co. for the past 16 years, and is thoroughly experienced and competent.

C. E. ISLIN was formerly employed by the Calvin Clauer Co., and has been with A. C. Becken since that business was obtained by us. He has had considerable experience, and will assist Mr. Sparbro to give your tool and supply orders prompt attention.

CHAS. KNUDSON has been in the watch, material and jobbing stone department of J. H. Purdy & Co. for 16 years, and is thoroughly competent.

CHAS. WILLIAMS will also attend to your material orders, and his experience, covering a period of 12 years in the service of the large material houses, makes him a valuable addition.

A. J. RINKENBERGER has been associated with A. C. Becken for the past 12 years, and will endeavor to keep you in touch with anything new in the line at attractive prices.

The old adage, "The man who toots his own horn will have few listeners," may bear more truth than fiction, but we believe that we have a corps of clerks who are thoroughly experienced, and when you send us a staff or jewel or any small material to be matched, you can rest assured that experts only will look after your orders, and will save you much time and trouble; besides it will greatly aid you in your repair department.

Please use J. H. Purdy's tool and material catalogue, or if you do not possess a copy of this book, write for one; it will be sent you with all charges prepaid.

Thanking all our old friends for their valued patronage, we are,

Respectfully yours,

A. C. BECKEN,
J. H. PURDY & CO.
A. C. BECKEN COMPANY, Successors.

INDEX TO ADVERTISEMENTS.

Abel Bros. & Co. 38
Adams & Singleton 43
Alkin-Lambert Co. 119
Allsopp & Allsopp 37
Allsopp Bros. 33
Alsterlund, H. E., & Co. 44
Alvin Mfg. Co. ..... Inside front cover
American Gem & Pearl Co. 65
American Platinum Works 108
Apollo Silver Co. 115
Arch Crown Mfg. Co. 70
Arnstein Bros. & Co. ..... 94, Outside back cover
Austin, John, & Son ..... Outside back cover
Aztec Turquoise Co. 56
Bagg, Perine & Co. 62
Baker, Geo. M. ..... Outside back cover
Ball, Webb C., Watch Co. 76
Bard, A. C., & Co. 85
Baschkopf, Jacob 52
Bassett Jewelry Co. 117
Bates & Bacon 30
Becken, A. C., Co. 84
Benedict Mfg. Co. 40
Berge, J. & H. 108
Bigaike & Eckert Co. 66
Bigney, S. O., & Co. 4
Billings, Chester, & Son 58
Bing, Ferdinand, & Co.'s Successors 110
Bishop, R. W. 119
Blackinton, R., & Co. 19
Blackinton, W. & S., Co. 20
Blancard & Co. 88
Bonet, L. 56
Boote, Edward 112
Borrelli & Vitelli 62
Bowden, J. B., & Co. 33
Bradley Polytechnic Institute 118
Brettner, R. 32
Brower, Maurice 58
Bruhl Bros. & Henins Co. ..... Outside back cover
Buckley, Samuel, & Co. 35
Bunde & Upmeyer Co. 54
Carrington & Co. 34
Carter, Howe & Co. 35
Chatham National Bank 72
Chopard Frères 56
Cohen, Jules E. 64
Conley & Straight 119
Cooper Diamond Co. 58
Cottle, S., Co. 36
Crohn, M. 39
Cross & Beguelin 44, 70
Crossman Co. 62
Crouch & Fitzgerald 36
Dattelbaum & Friedman 65
Day, Clark & Co. 37
Deacon, Louis J. 56
Dederick, James H., Sons 119
Depasse Mfg. Co. 34
De Selms Watch School 100
Diamond Point Pen Co. 119
Didisheim, Hipp. & Bro. 98
Donnelly, J. J. 108
Dorflinger, C., & Sons. 112
Dubois Watch Case Co. 116
Dulk, Robert 34
Dunbar, Leach, Garner Co. 118
Durand & Co. 34
Eden, C. H., Co. 29
Eichberg & Co. 64
Elgin National Watch Co. 94
Eliassof Bros. & Co. 101
E. P. H. Chain Catch 39
Fahys, Joseph, & Co. 1
Fairchild & Co. 116
Feeley, W. J., Co. 41
Follmer, Clogg & Co. 26
Forman Co. 114
Forsinger, J. W. 99
Foster, Theodore W., & Bro. Co. 46
Fox, Gustave, Co. 29
Freund, Henry, & Bro. 25
Friedlander, R., L. & M. ..... Outside back cover
Garreaud & Griser 65
Gesswein, F. W., Co. 108
Ginnel, Henry, & Co. 27
Goldsmith, C. P., & Co. 27
Goodfriend Bros. 60
Gorham Co. 68
Gougelman, Paul 117
Griffoul, August 108
Gruen, D., Sons & Co. 28
Guardian Trust Co. 72
Guerin, Wm., & Co. 112
Hagstoz, T. B., Ltd. 119
Hahn, E., & Co. 64
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 102
Hanson & Van Winkle Co. 120
Harris & Harrington ..... Outside back cover
Harrison, W. W., Co. 23
Hedges, A. J., & Co. 34
Hedges, Wm. S., & Co. 60
Heintz Bros. 38
Heller, L., & Son. 52
Herpers Bros. 108
Hirschberg, A. S. 32
Hodenpyl & Walker 52
Hoe's, James C., Sons 117
Holsman & Alter 101
Hotel St. James 118
Hraba, Louis W. 114
Humphrey, John L., Co. 64
Hutchison & Huestis 42
Illinois Watch Co. 8
International Gem Co. 56
International Silver Co. 14, 15, 21, 74
Jacot Music Box Co. 114
Jeandheur, F., Jr. 108
Jeanne, Frederick A. 60
Jewelers' League 120
Johnston, W. J., Co. 10, 11
Jorgeson, F. C., & Co. 116
Juergens & Andersen Co. 76
Juergensen, Jules 98
Kahn, L. & M., & Co. ..... Outside back cover
Kaufman, Louis & Co. 60
Keck, Herman, Mfg. Co. 76
Keller Jewelry Mfg. Co. 12
Kent & Woodland 37
Keppler, Geo. 65
Ketcham & McDougall 117
Klipper Bros. 60
Kohlbusch, Herman, Sr. 118
Kohn, Alois, & Co. 37
Kohn & Co. 39
Koshland & Italie Co. 31
Krower, Leonard 32
Lackner & Ohl 114
Landis, L. S. 65
Langendorf Watch Co. 98
Larter & Sons. 48
Lederer, S. & B., Co. 42, 43
Lees & Sanders 119
Leimann Bros. 118
Lelong, L., & Bro. ..... Outside back cover
Leon Watch Case Co. 100
Levy, Chas. M. 40
Lewy & Cohen 35
Lisner, D., & Co. 26
Lissaner & Co. 56
Loeb, Wm., & Co. 117
Lorsch, Albert, & Co. ..... Outside back cover
Loth, Joseph, & Co. 116
Lowe, Edwin, & Co., Inc. 42
Luthy & Hiue 35
Lyons Gem Co. 65
Maebert & Reiss 100
Maple City Glass Co. 112
Market & Fulton National Bank 72
Martin, S. 88
Mercantile National Bank 73
Meyerowitz Bros. 56
Miller, Fuller & Whiting 44
Moore & Sons. 32
Mount & Woodhull 62
Myers, S. F., & Co. 115
Nebeling, Edmund R. 65
Newburgh, R. 98
New York Central Railroad 118
Noel, Rudolph, & Co. 76
Nonnenmann, A., & J. Aschenbrenner 32
Noterman, Jos., & Co. 66
Novelty Engineering Ass'n 108
Ohan, G. 118
Omega Watches. 99
Oneida Community, Ltd. 18
Oppenheimer Bros. & Velth 50
Oppenheimer, H. E., & Co. 50
Oriental Bank 72
Osmun-Parker Mfg. Co. 34
Ostby & Barton Co. 33
Parks Bros. & Rogers 24
Paroutand & Watson 114
Patek, Philippe & Co. 98
Pomfret-Goldy School 116
Potter & Bullinton Co. 41
Pouyat China 114
Power, Chas. L., & Co. 60
Powers & Mayer 13
Price, Cyrus, & Co. 52
Prior, Charles M. 31
Pryibil, P. 118
Pryor Novelty Co. 116
Racine, Jules 100
Reichhelm, E. P., & Co. 108
Renziehausen, W. F., Co. 119
Revell, A. H., & Co. ..... Outside back cover
Rice's, Bernard, Sons 115
Ries & Armstrong 65
Riviere Brass & Bronze Works 112
Rockford Watch Co. 101
Roger Williams Silver Co. 40
Rogers & Bro. 21
Rohrbeck, John E. 35
Roseman, A. 52
Rothschild Bros. & Co. 40
Roy Watch Case Co. 102
Rudlen, J. W., & Co. 118
Rudolph & Snedeker 98
Rumpp, C. F., & Sons. 114
Saart, W. H., Co. 43
Salman, John A., & Co. 39
Saunders, Meurer & Co. 60
Scharling & Co. 116
Schiff, M. 37
Schultz, Leiss & Co. 28
Scofield & DeWyngaert 36
Sessions Clock Co. 100
Shafer & Donglas 32
Shiman Bros. & Co. 82
Siegel, Rothchild Co. 31
Simmons, R. F., Co. 22
Simpson, Hall, Miller Co. 14, 15
Smith, Alfred H., & Co. 50
Smith, E. H. H., Silver Co. 117
Smith, Frank W., Co. 25
Smith, Wm., & Co. 117
Snow & Westcott 35
Sohn & Hyman 64
Solidarity Watch Case Co. 44
Spencer, E. L., Co. 41
Staninger, E. E. 42
State Bank 72
Steiner, Louis 115
Stern Bros. & Co. ..... 64, Inside back cover
Sternau, S., & Co. 24
Stilwell, L. W. 117
St. Louis Watchmaking School 65
Strauss, Ignaz, & Co. ..... 115, Outside back cover
Strauss, Jacob, & Sons. 64
Street, Geo. O., & Sons. 39
Tavannes Watch Co. 66
Thomas, Seth, Clock Co. 96
Tivoli Art Glass Co. 112
Todd, A. V. 65
Trenton Watch Co. 100
Trout, Chas. L., & Co. 36
Van Dam, Eduard 58
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 36
Waite-Thresher Co. 43
Waltham Watch Co. 92
Washburn, C. Irving 36
Weizenegger Bros. 34
Wells, Chester H. 118
Wendell & Co. 5
Western Clock Mfg. Co. 45
Wheeler, Hayden W., & Co. 50
Whiting & Davis 30
Whiting Mfg. Co. 17
Wightman & Hough 42
Witsenhausen, L. 38
Wodiska, Julius 31
Wolfsheim & Sachs 38
Wood, C. F., & Co. ..... Outside back cover
Wood, J. R., & Sons. 2, 3
Woodside Sterling Co. 16



TRADE MARK.

A. C. BARD & CO.

IMPORTERS AND CUTTERS OF DIAMONDS

Loose or mounted goods on memo. to responsible dealers.

103 STATE ST., CHICAGO. COLUMBUS MEMORIAL BUILDING.

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

Heavy type, 5c. a word; minimum charge, $1.25.

Display cards, $2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

A STRICTLY first class engraver and stone setter. "South, 7410," care Jewelers' Circular-Weekly.

SALESMAN, well acquainted in the trade, wants fine 14-K. line for the large cities. Address "H., 7422," care Jewelers' Circular-Weekly.

A YOUNG MAN, thoroughly experienced on fine jewelry coloring, wishes a position. Address "A. B., 7454," care Jewelers' Circular-Weekly.

DESIGNER desires homework on sterling or white metal hollow ware or toilet sets. Address "Original, 7460," care Jewelers' Circular-Weekly.

BOY (16), honest and intelligent, wishes position in wholesale jewelry house; can furnish best of reference. Address J. Feinberg, 49 Stanton St., New York.

YOUNG MAN (17), wishes to get position with a wholesale or retail jewelry house; references. Address Louis Kahen, 291 Pulaski St., Brooklyn, N. Y.

YOUNG MAN, 22, wants position; graduate of Rees Engraving School; first class engraver; references given. I. H. Clark, Lock Box 486, Clifton Springs, N. Y.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

FIRST CLASS setter and jeweler, 34 years old, used to assorting stones; original designer; wants a position in a first class business. Address "P., 7321," care Jewelers' Circular-Weekly.

THOROUGHLY experienced man wants position as watch repairer; 20 years' experience in all classes of watches; can manage branch. "R. R.," 1220 N. 28th St., Philadelphia, Pa.

WATCHMAKER, thoroughly experienced, desires good, steady position with first class jewelers; high class references; not an engraver. Address "P. J., 7458," care Jewelers' Circular-Weekly.

FIRST CLASS modeler and designer desires home work in ornamental flower and figure work for gold and silver; confidence guaranteed. Address "X., 7335," care Jewelers' Circular-Weekly.

A1 REFRACTIONIST, expert with shadow test; also able to run standard edging machine; good habits and appearance, with best of references. Address "R., 7432," care Jewelers' Circular-Weekly.

ACTIVE young man, 19 years, two years' experience; desires position in wholesale jewelry house where there is chance for advancement. Address "Active, 7467," care Jewelers' Circular-Weekly.

POSITION WANTED, by a young man; experienced; general lettering and monogram engraver, and salesman; could accept a position at once. Address "S., 7439," care Jewelers' Circular-Weekly.

DIAMOND MOUNTED and mounting line wanted, by representative salesman; acquainted with the far western and middle west trade. Address "Jackson, 7423," care Jewelers' Circular-Weekly.

YOUNG MAN, 18, desires position with wholesale jewelry house, where there is a chance for advancement; best of references; have one year's experience. "Honest, 7320," care Jewelers' Circular-Weekly.

WANTED, POSITION in jewelry store, by good engraver (24); wishes to learn watch work; good character; references; New England preferred. Address "X., 7459," care Jewelers' Circular-Weekly.

ENGRAVER and ad. writer; first class; rapid and accurate letter and monogram engraver who can write ads. that pull; progressive firm only. Address "More Business, 7358," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

POSITION WANTED as salesman for jewelry, watches, tools and materials; well acquainted in Pennsylvania, Maryland and Delaware; 20 years' experience. "T., 7404," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7464," care Jewelers' Circular-Weekly.

YOUNG MAN, thoroughly experienced in gold and diamond jewelry line, wants position as inside man with Chicago house. Address "S., 7326," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

HIGH GRADE salesman, who thoroughly understands the jewelry business, is open for position in 1907 to represent manufacturer's line, on salary or commission. Address "S., 7424," care Jewelers' Circular-Weekly.

POSITION WANTED by young lady who is thoroughly experienced in the jewelry business; excellent saleslady; competent to take charge of mail order or repairs. Address "C., 7419," care Jewelers' Circular-Weekly.

A PRACTICAL and thorough watchmaker and engraver desires good, steady position; 19 years' experience, with tools; state full particulars with wages in first letter. Address "F., 7455," care Jewelers' Circular-Weekly.

SITUATION WANTED, watchmaker, clock and jewelry repairer; single man; 15 years' experience; moderate salary; no engraver; Ohio, Pennsylvania or east preferred. Address "Jeweler," 519 North St., Sidney, O.

PRACTICAL refractionist and watchmaker of long experience, using latest methods in optical line; diamond setter and good salesman; to locate with good house in good city; reference. "Good, 7387," care Jewelers' Circular-Weekly.

WATCHMAKER, of 25 years' experience is open for engagement Oct. 1; location in south; railroad work preferred; no offer of less than $25 considered; best references as to character and skill in first letter. T. A. Iler, care Leonard Krower, 536 Canal St., New Orleans, La.

WATCHMAKER, engraver and optician, capable to take full charge; familiar with complicated work and finer adjustments; have 25 years' experience; best references; fine tools; married; good appearance; northern States preferred. Address "Sept., 7329," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly.

WANTED; did you ever play a long shot; play this one to win and make me an offer to represent you on the road; if your goods and prices are right you win; no road experience, but am a hustler; will be open for an engagement Jan. 1, 1907. Address "G., 7463," care Jewelers' Circular-Weekly.

FIRST CLASS modeler and designer; silverware; original composing; competent in modeling ornamental relief and figure work; academic education; practical experience; could take charge of designing and modeling departments; excellent references. Address "M., 7334," care Jewelers' Circular-Weekly.

GENTLEMAN, well acquainted with jobbing and retail jewelry trade, department stores and mail order houses of Chicago and middle west, whose sales have averaged $100,000 annually, is open for position with a manufacturing jewelry house; unquestionable references. Address C. F. Huntington, 4016 Ellis Ave., Chicago, Ill.

A SALESMAN of thorough experience, at present employed, wishes to make change, this Fall or Jan. 1; well acquainted with jobbers, retailers and premium buyers, watches or jewelry, east of Cincinnati; manufacturer's line only; first class credentials; straight salary, or salary and commission; in answering, allow for one week to answer. Address "L., 7347," care Jewelers' Circular-Weekly.

WELL-KNOWN salesman with established department store trade, will open New York office uptown and will cater to New York City and department stores trade; wants only representative lines; salary or commission; Sept. 1. Address "Established, 7392," care Jewelers' Circular-Weekly.

Side Lines Wanted.

WANTED, by experienced traveling salesman, on commission, a line either of jewelry, combs, silver, watches or some line for jewelers in west and northwest States. "Commission, 7157," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, a watchmaker, jeweler and engraver. Apply at once, B. Gottlieb, Pine Bluff, Ark.

WANTED, first class jewelry repairer and stone setter. Wm. Hiles, 613 4th St., Sioux City, Ia.

WANTED, a lady engraver and jeweler. Address "Anxious, 7370," care Jewelers' Circular-Weekly.

WANTED, young man to do engraving and jewelry repairing. J. F. Hartwell, Oklahoma City, Okla.

WANTED, AT ONCE, first class jeweler and engraver; permanent position. Garibaldi & Bruns, Charlotte, N. C.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

AT ONCE, first class jeweler and engraver, who can assist with other work. The Jobe-Rose Jewelry Co., Birmingham, Ala.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

WANTED, first class engraver; permanent position; salary, $25 per week. Address Edwards & LeBron, Chattanooga, Tenn.

WANTED, AT ONCE, a watchmaker and engraver; permanent position to the right man. J. W. Jones, Mt. Sterling, Ky.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, AT ONCE, good engraver, jeweler and repairer; good and steady place for right man. Gaffney Jewelry Co., Gaffney, S. C.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

SALESMAN, to carry imported sterling novelties for first class trade, as a side line. Address "X. Y. Z., 7461," care Jewelers' Circular-Weekly.

HELP WANTED.—Continued.

WANTED, first class jeweler and engraver; permanent position to a good man. Salary, $20 per week. Jacob Bennett, 166 Church St., Norfolk, Va.

WANTED, good letter and monogram engraver; young man, to do trade work. Address A. B. Kohler, Room 444, Hood Bldg., Birmingham, Ala.

CLOCKMAKER WANTED; one who is familiar with high grade work; address with reference. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WATCHMAKER, jeweler and clock repairer; permanent position; give experience and enclose reference in first letter. Little & Odom, Waycross, Ga.

WANTED, two men, a watchmaker and an engraver; must be first class; good wages and A1 references. Address W. T. Hixson & Co., El Paso, Texas.

SECOND WATCHMAKER, jeweler and good optician; town of 5,000; $15 per week; send photo and reference in first letter. Will L. Fredeking, Hinton, W. Va.

ONE JEWELER, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WANTED, first class watchmaker with references; give all particulars in first letter; permanent position to good man. Address A. L. Desbouillons, Savannah, Ga.

SALESMAN with experience wanted, by a large retail jewelry house; address, stating age, reference and salary expected. "Y., 7405," care Jewelers' Circular-Weekly.

WANTED, in a Virginia city, a first class engraver and assistant watchmaker; good salary paid to right party. Address "F., 7430," care Jewelers' Circular-Weekly.

BOOKKEEPER and good all around man who has had experience in jewelry manufacturing line; best references required. Dreyfus Mfg. Co., 89 Fulton St., New York.

WANTED, a young man as assistant watchmaker and engraver, at once; send sample of engraving and photo; permanent position. Address Thos. L. Bell, Americus, Ga.

WATCHMAKER, expert on railroad work, in town of 1,800 population, near Baltimore; state wages and what you can do. Address "N., 7453," care Jewelers' Circular-Weekly.

WANTED, an experienced salesman to take a line of silver plated ware on commission, through the middle States. Address L. A. Littlefield Silver Co., New Bedford, Mass.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

STRICTLY first class watchmaker, who also understands optics; good salary and permanent position in high class store; fine residence city. J. R. Sprague, Newport News, Va.

WANTED, WATCHMAKER, must be exceptionally good workman, capable of taking charge of department; high wages; permanent position. Henry Kohn & Sons, Hartford, Conn.

WANTED, until Jan. 1, a first class salesman; one accustomed to silver business preferred; state experience and salary expected. Address "Silver, 7421," care Jewelers' Circular-Weekly.

THREE experienced young salesmen for jewelry, sterling silverware, bric-a-brac, etc., for first class retail store; state experience, etc. Address "C. D., 7319," care Jewelers' Circular-Weekly.

WANTED, young man or lady as engraver, and assistant in selling; permanent, pleasant position; state time you will begin, references and salary in first letter. Gabriel Jewelry Co., Mobile, Ala.

WANTED, stenographer and typewriter by watch and diamond house; familiar with keeping stock; steady position; state salary and references. Address "P., 7437," care Jewelers' Circular-Weekly.

WANTED, second watchmaker; active young man to work on watches only and assist as salesman; answer with reference and experience; wages, $14. C. E. Snyder, 3711 Butler St., Pittsburg, Pa.

AT ONCE, watchmaker, one capable on railroad watch inspection work and general store engraving; only first class men need apply; fine position; good salary. E. L. Allen, Trinidad, Colo.

WANTED, young man, good on clocks and jewelry repairing, as assistant watchmaker; near New York City; send reference and state wages. "Experience, 7395," care Jewelers' Circular-Weekly.

WANTED, watchmaker, must be a first class and thorough workman, to repair all kinds of American and Swiss watches; salary to start, $30 a week. Apply to H. C. Abbott & Bro., Birmingham, Ala.

WANTED, AT ONCE, competent optician and salesman; one who can do engraving preferred; liberal salary and permanent position to the right man. W. F. Fischer & Bro. Co., Chattanooga, Tenn.

WANTED, by a wholesale gold and plated jewelry house, a man capable of managing the business; must be thoroughly posted; good salary to right party. Address "H., 7427," care Jewelers' Circular-Weekly.

WANTED, silverware salesman, watch salesman and watchmaker for New York Fifth Ave. store; only those who thoroughly understand their business need apply. Address "E. M. H., 7438," care Jewelers' Circular-Weekly.

SALESMAN WANTED, young, energetic man, able to sell hubs, dies and models for silverware and jewelry, to manufacturers; liberal arrangements made with right party. Address "T., 7429," care Jewelers' Circular-Weekly.

WANTED, a young man with some experience to assist in watch work; must also have some knowledge of jewelry repairing and engraving; permanent and promising situation for an energetic young man. H. H. Bolen, Staunton, Va.

WANTED, six men on clock assembling and repairing. Address "Assembling, 7403," care Jewelers' Circular-Weekly.

WANTED, watchmaker, jeweler, engraver and optician; permanent place to right man; reference required; position will prove splendid opportunity to business hustler; $15 a week to start; state age, experience, etc. T. L. Foley, Elsberry, Mo.

WANTED, first class watchmaker and engraver; send sample of engraving and references in first letter, stating salary wanted; give age and experience; steady employment and good wages to right man. Address Henry Iversen & Co., Corsicana, Tex.

DIAMOND SETTER on nigh grade work; also two good diamond mounters on platinum work, and an experienced jewelry engraver; steady positions the year round and liberal wages to good workmen. Apply to J. Milhening, 195 State St., Chicago, Ill.

GOOD WATCHMAKER wanted in western Canada; population, 5,000; wages, $18 per week; if an engraver or optician a commission of 25 per cent. will be given; situation worth from $100 to $125 a month. Address R. A. Wright, Lethbridge, Alberta, Canada.

FIRST CLASS watchmaker, jeweler and engraver; some clock work; all around man; permanent position; pleasant surroundings; to take charge of repair department; want rapid workman; write for particulars; position immediately; pay $25. J. C. Robinson, Chester, S. C.

WANTED, permanent watchmaker, one who understands something about refraction preferred; state age, experience, and if married; no drinker; splendid chance for advancing; wages to begin, $14 per week; large western New York city. "L., 7425," care Jewelers' Circular-Weekly.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, watchmaker and jeweler for the shop only; small town; receipts of shop about $75 per month; state age, experience and reference in first letter, and wages wanted, with boarding, lodging and washing; difficult work, cylinder watch case engraving and rings for stones, etc., sent out. F. C. Rivoire, Napoleonville, La.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

ABRAHAM & STRAUS, Brooklyn, want for their optical department a thoroughly experienced saleswoman, who has been accustomed to handling and selling field, opera and marine glasses, and has a fair knowledge of the different makes and lenses.

AT ONCE, an experienced silverware and cut glass salesman, with knowledge of the jewelry business; must be at present employed in a retail jewelry establishment; good salary; permanent position, with good prospects for advancement. Address "Prospects," 7445," care Jewelers' Circular-Weekly.

Business Opportunities.

FOR SALE, small stock of jewelry and fixtures in Mt. Vernon, Ia., at a bargain; snap for some young man. "Snap, 7412," care Jewelers' Circular-Weekly.

A BARGAIN, up-to-date jewelry store; owner will retire from business; it is a snap; $3,500 cash; has cleared over $3,000 per year for four years. Inquire Mrs. C. H. Rakeman, Sapulpa, I. T.

FOR SALE, a well established manufacturing jewelry and trade shop; plenty work; expenses moderate; owner retires on account of health. Write "B., 7440," care Jewelers' Circular-Weekly

FOR SALE, stock of jewelry, etc., at Water Valley, Miss.; $5,000 cash or one-half cash and balance on secured notes; death of owner cause for selling. Address Mrs. A. K. Jobe, Executrix, Jaekson, Tenn.

JEWELRY STORE, established in New York in a central location, for sale; with or without stock; splendid opportunity for a practical man with a small capital; principals only. Address "A., 7242," care Jewelers' Circular-Weekly.

QUICK ACTION by corresponding with us; we buy your entire stock; or send us your surplus stock of watches and diamonds; we originated this method and have twenty years of quick action and good service to our credit. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, at a sacrifice, a well established jewelry business in the business section of the city of Pittsburg, Pa.; I have an old lease running six years more; rent is $900 per year, including 140 electric lights, steam heat and watchman's service; to-day the rental of said store is worth $2,500 per year; this store has done $18,000 business per year when I could give it my personal attention; at present, on account of other business, I must sell it; will reduce stock to suit purchaser; write or call at once, as this is an opportunity that you get only once in a life time. Inquire Liberty Jewelry Co., 976 Liberty Ave., Pittsburg, Pa.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

(*Special Notices continued on page* 88.)

Special Notices.

(Continued from page 87.)

For Sale.

CHRONOMETER for sale, eight-day, 4¾ inch dial, excellent timekeeper; in good condition, price, $100; cost $300. Address "Jersey, 7317," care Jewelers' Circular-Weekly.

FOR SALE, "Neurology and Metaphysics," by McCormick; the International Correspondence School Course in Advertising, in two bound volumes; "Ophthalmic Myology," by Savage. O. C. DeLong, Oneonta, N. Y.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

Miscellaneous.

AUTOMOBILE (Orient buckboard), 1906 model; good as new; will trade for diamonds, watches, etc.; send invoice of stock you wish to trade Address "Jeweler," 302 S. Front St., Mankato, Minn.

Wanted to Purchase.

WANTED, hand rolling mill with changeable rollers, both square, flat and half round. Address "G. D., 7408," care Jewelers' Circular-Weekly.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

FOR SALE

New Century Typewriters, No. 6, in first-class condition; will be sold at low price.

JEWELERS' CIRCULAR-WEEKLY,
11 John Street, New York.

S. MARTIN

JEWELERS' AUCTIONEER

840 Summit Avenue
MILWAUKEE, WIS.



Have just closed three months' sale for Mermod, Jaccard & King Co. of St. Louis. They are my reference.

Long Distance 'Phone - LAKE 663

BLANCARD & CO.,

96 MAIDEN LANE,

NEW YORK.

WELL MADE GOLD FINDINGS.

INTERESTING AUCTION SALE

BANKRUPT STOCK

Choice and Select Diamonds

Studded in Exquisite Mountings ranging from a ¼ karat to 3 karats in size.

3,000 Ladies' and Gentlemen's gold, gold-filled and silver watches with the highest grade American movements.

Gold Jewelry in 14 and 18 karat, of interesting designs.

2,000 dwt. Rings, mostly 14 karat, of every description; too numerous to describe.

3,000 pieces Silverware, such as Sterling, Reed & Barton, hollow and flatware.

Elegant line Fancy Bric-a-Brac, hand-painted.

1,000 pieces Crystal Cut Glass. Clocks, Regulators, including elaborate fixtures.

Brooklyn Purchasing Syndicate

FRANK WALKER, Auctioneer

will sell, commencing Tuesday, Sept. 11, 1906, and continuing until disposed of, at our large, spacious salesrooms building, 608 Broadway, Brooklyn, the entire costly stock of

PAULINE L. LOWENTHAL, Bankrupt,

BROWN, SCHOONMAKER & RYAN, Att'ys,

JAMES P. RYAN, Trustee.

SPECIAL NOTICE.

The attendance at this sale will find that the stock represents a valuation of over $70,000.00, and the leading trade shall not miss this opportunity. Strictly without reserve or limit. The stock will be for your inspection with descriptive catalogue Monday, Aug. 10, 1906, from 10.30 A. M. until 5 P. M. Catalogues can be had upon application at Auctioneer's office, 608 Broadway, Brooklyn. Telephone, 2328 Williamsburgh.

WORKSHOP NOTES

(Third Edition)

For Jewelers and Watchmakers.

A collection of the latest practical receipts on the manufacture and repairing of watches, clocks and jewelry.

Price, $2.50

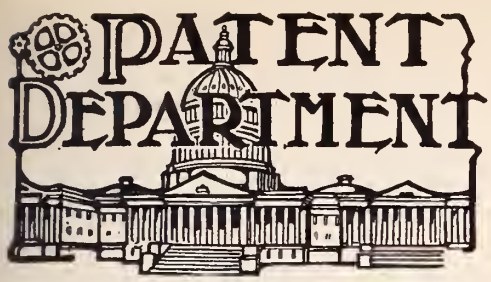
300 pages (size 7½x10½ inches), bound in cloth, stiff covers. Should be on every workbench.

Published by
THE JEWELERS' CIRCULAR PUBLISHING CO.,
11 John St., Cor. Broadway, New York.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, **$3.00.** The Jewelers' Circular Publishing Co., 11 John St., New York.

Encyclopedia-Dictionary

and reference hand-book of the Ophthalmic Sciences. Price, **$2.50.**
The Jewelers' Circular Pub. Co., 11 John St., N. Y.



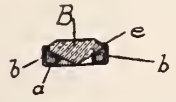
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF AUG. 28, 1906.

829,388. SETTING. James A. Doran, Providence, R. I. Filed Jan. 10, 1906. Serial No. 296,246.

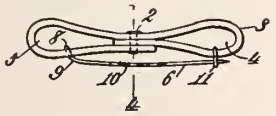
In a box-setting the combination with the gem, of a setting-wall provided upon its upper portion with an inturned retaining-flange for engaging



the gem, an annular base integral with the wall, and means upon the base and integral therewith for supporting the gem.

829,389. PEN AND PENCIL HOLDER. Ralph M. Dowlin, North Adams, Mass. Filed July 13, 1905. Serial No. 269,516.

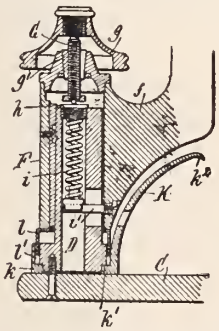
A pen and pencil holder, comprising a body portion formed of a single strip of material, bent upon itself, a pair of rivets for connecting the strip together, thereby forming a series of pen



and pencil receiving loops, a pair of connecting-bars hinged at one end to the rear of said strip and having the other end thereof free, and a slide-loop extending through one of the pen and pencil receiving loops and adapted when shifted to connect the free ends of said bars to said strip.

829,422. MICROSCOPE. Harvey N. Ott, Buffalo, N. Y., assignor to the Spencer Lens Co., Buffalo, N. Y. Filed March 12, 1906. Serial No. 305,533.

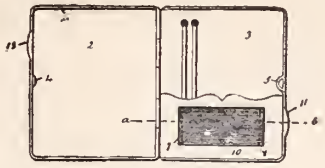
The combination of a tube-carrying part, a support on which the same is movable, and a slender horn-like handle secured to said support and ex-



tending adjacent to said tube-carrying part and adapted to be grasped with said part by the hand when closed about said part to carry the weight of said support.

829,598. MATCH-BOX. George Ohl, Meriden, Conn., assignor to the International Silver Co., Meriden, Conn. Filed Feb. 12, 1906. Serial No. 300,689.

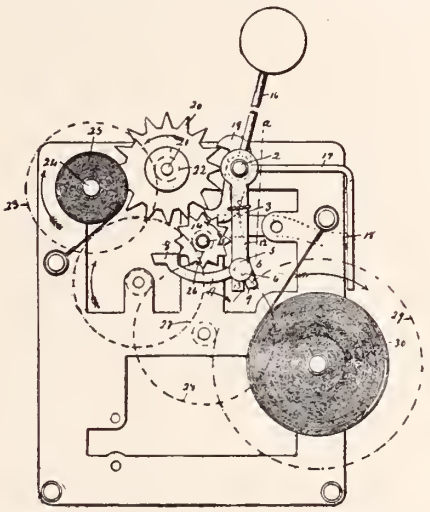
The herein-described match-box comprising a box and a cover hinged at one side thereof and means for holding it in a closed position, the box provided with a transversely-arranged wall at the lower end forming a pocket, the said wall provided with two vertically-arranged slots near each side combined with a strip of friction material corresponding in width to the length of said slots,



the ends of the strips inserted through said slots, whereby the strip is retained in position.

829,602. INTERMITTENT ALARM-CLOCK. Wilson E. Porter, New Haven, Conn., assignor to the New Haven Clock Co., New Haven, Conn. Filed Jan. 8, 1906. Serial No. 295,066.

In an intermittent alarm-clock, the combination with the time and alarm trains thereof, of an alarm-wheel driven by the time-train, a vibratory carrier driven by the alarm-train, and a pivotal



hook carried by the said carrier and coacting with the said wheel which periodically releases it and hence the alarm-train, the said hook being under the pressure of the alarm-spring and engaging the teeth of the said wheel so as to apply the said pressure thereto, whereby the hook tends to turn the said wheel in the direction in which it is turned by the time-train.

829,639. EYEGLASSES. Henry Engel, New York. Filed Dec. 5, 1905. Serial No. 290,439.

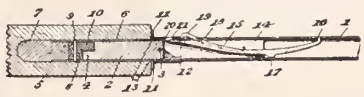
In a pair of eyeglasses, the combination of brace-supports, substantially stationary braces and



springy auxiliary braces pivoted at their lower ends to said supports approximately in the plane of the glasses when not in use, and means to secure the pivoted braces in their inoperative position.

829,719. DETACHABLE HANDLE FOR UMBRELLAS, ETC. Edward C. Kuhn, Cincinnati, O. Filed April 22, 1905. Serial No. 256,848.

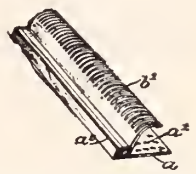
A fastening comprising a casing member having a bore and provided with an extension having an



opening in its wall, a rod or stick the end of which is insertible in the casing extension, said rod or stick having in its wall a perforation adjacent to said insertible end, a plug member having a longitudinally kerfed or slotted end portion attached to and rigidly held in the insertible end of the rod or stick, the opposite shouldered end of said plug member projecting from the rod or stick for insertion in the bore of the casing, a shouldered block rigidly held in said casing member and reciprocally engaged by the shouldered end of the said plug member, and a resilient catch longitudinally curved, partially housed and movable in the kerf or slot of said insertible plug member with a projection at one end engaged with the perforation in the wall of the rod or stick and with a catch projection at its opposite and engageable with the opening in the wall of the casing extension, the central part of said catch being provided with a fulcrum engaged on the side of the rod or stick.

829,835. HAT-FASTENER. Johanna M. Boyle, New York. Filed Nov. 4, 1905. Serial No. 285,868.

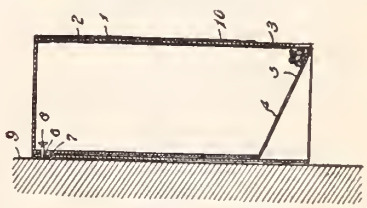
A hat-fastener, comprising a plate secured to the inside of a hat at a point near the brim thereof



and provided with an upwardly-turned guard along its lower edge, and a comb pivotally mounted on the plate adjacent to said guard, said comb being provided with upwardly and inwardly curved teeth.

829,928. MATCH-BOX. Michael Meis, St. Paul, Minn. Filed March 4, 1906. Serial No. 307,893.

A match-box comprising an outer box member having open ends and closed side, front and rear walls, the front wall having a finger-notch in its lower edge, and an inner box member having closed upper and lower end walls and an open front, the lower end wall of said inner box mem-



ber being inclined downwardly from its rear to its forward edge and having a finger-notch in its lower edge, the inclined lower end wall of the inner member and the front wall of the outer member serving to form an approximately V-shaped hopper having at its lower pointed end a match-discharge slot.

Designs.

38,192. ENVELOPE-OPENER. John L. Sommer, Newark, N. J. Filed May 23, 1906.



Serial No. 318,423. Term of patent 14 years.

38,193. BADGE. Mary Desha, Washington, D.



C. Filed June 28, 1906. Serial No. 323,905. Term of patent 3½ years.

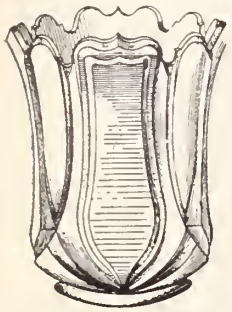
38,194. BADGE. Joseph L. Herzog, New York.

Filed June 21, 1906. Serial No. 322,794.



Term of patent 7 years.

38,200. GLASS DISH. Andrew J. Sanford, Newark, O., assignor to A. H. Heisey &



Co., Inc., Newark, O. Filed July 9, 1906. Serial No. 325,419. Term of patent 7 years.

38,201. NAME AND NUMBER PLATE. Albert M. Wilson, Philadelphia, Pa., assignor of



one-half to Barton L. Brown, Philadelphia, Pa. Filed May 21, 1906. Serial No. 318,101. Term of patent 7 years.

38,208. GLASS-HOLDER OR SIMILAR ARTICLE. William Helmer, Boston, Mass.,



assignor to the American Soda Fountain Co., Boston, Mass. Filed July 30, 1906. Serial No. 328,484. Term of patent 7 years.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Aug. 27, 1889.

409,661. BOX. Magnus Benas, New York.

409,694. SUSPENDERS. H. E. Messimer, Williamsport, Pa.

409,705. PENDULUM. G. P. Reed, Melrose, Mass.

409,715. RAZOR-STROP. J. R. Torrey, Worcester, Mass.

409,739. WATCH CASE SPRING. J. D. Ewing, Philadelphia, Pa., assignor to the Keystone Watch Case Co., same place.

409,745. WATCH CASE SPRING. H. R. Gaul, Philadelphia, Pa., assignor to the Keystone Watch Case Co., same place.

409,789. HAIR-SPRING STUD. Stephen Jenkins, New York.

409,833. CUFF-HOLDER. Max Eiseman and Joseph Kaiser, Chicago.

409,927. OPERA-GLASS. A. B. Clements, United States Navy, assignor to Levy, Dreyfus & Co., New York.

409,952. FOUNTAIN-PEN. A. M. Fox, Miamisburg, O.

410,013. ELECTRIC PENDULUM CLOCK. A. L. Parcelle, New York.

Designs issued Aug. 23, 1892, for 14 years.

21,785. KNIFE-HANDLE. H. A. Weihman, Philadelphia, Pa., assignor to Simons Bros. & Co., same place.

21,791. SUSPENDER-BUCKLE. C. R. Harris, Williamsport, Pa.

21,797. WATCH CASE. J. C. Dueber, Canton, O.

Design issued Aug. 29, 1899, for 3½ years.

31,483. GARTER. E. B. Bullock, Attleboro, Mass.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED AUG 28, 1906

Ser. No. **2,941.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) The Dueber Watch Case Co., Canton, O. Filed April 25, 1905.

SILVERINE

Particular Description of Goods.—Watch cases.

Ser. No. **7,379.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) Wells & Nellegar Co., Chicago. Filed June 3, 1905. Used 10 years.

TRIUMPH

Particular Description of Goods.—Hatchets, adzes, axes and pocket knives.

Ser. No. **19,229.** (CLASS 63. MEASURING AND SCIENTIFIC APPARATUS, APPLIANCES AND INSTRUMENTS.) Franklin B. Warner, New York. Filed May 2, 1906.

EXCELSIOR

Particular Description of Goods.—Telescopes.

TRADE-MARKS REGISTERED AUG. 28 1906

56,169. CLOCKS, CLOCK CASES, CLOCK MOVEMENTS, AND PARTS THEREOF. Schramberg, Germany.

Filed Dec. 8, 1905. Serial No. 15,271. Published June 5, 1906.

PRINTS REGISTERED AUG. 28, 1906

1,759.—*Title:* "CLASS PIN COLORED PAGE." (For class pins.) Stephen Lane Folger, New York. Filed Aug. 1, 1906.

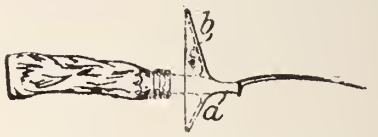
BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF AUG. 15, 1906.

7,986. CARVING-FORKS. E. C. Biss, West Wickham, Kent. April 14.

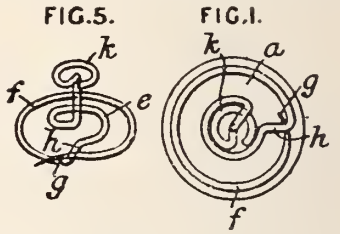
Instead of there being an upright prong, either fixed to or movable on the shank of the fork, the



guard extends above, below, and sideways from the shank. It is preferably in the shape of a shield *b* rigidly attached to the shank *a*.

8,007. BUTTONS, ETC. M. B. Ryan, Boston, Mass., U. S. April 14.

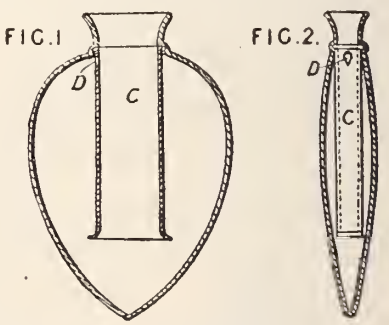
In a button or stud, having a head, a shank, and a wire foot, Figs. 1 and 5, the said foot consists of a coiled circular portion *e* at the base of the shank and an outer coiled portion con-



nected therewith by a radial arm *h*, the free end *g* being bent inwardly towards the shank and adapted to interlock with the coil *f* of the outer portion. The coiled top *k* of the button may be sprung into a recess in the head *a*, and there retained by spring action.

8,059. FLOWER HOLDERS. J. Cook, Paisley, Renfrewshire, N. B. April 15.

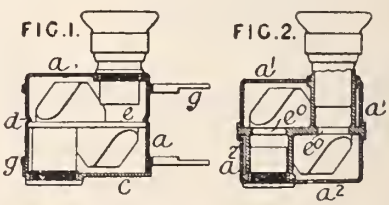
Flower holders of the type described in Specification No. 12,992, A.D. 1890, are formed with a tube C, perforated at D to allow of emptying and



cleansing. A separate aperture, closed by a screwed plug, etc., may be provided at any part of the vessel instead of at D. The device may be attached to wearing-apparel, draperies, curtains, etc.

8,146. TELESCOPES, ETC. M. Berger, Saxe-Weimar, Germany. April 17.

The bodies of prismatic field glasses and like telescopes are made of cup-shaped sheet-metal



parts. As shown in Fig. 1, the body consists of a cup-shaped shell *a* and a cover-plate *c*, the shell being encircled by two arms *g* and having indents *d* to engage the prism seat *e*. In the modification shown in Fig. 2, the body consists of two cup-

shaped parts a^1, a^2 between which a prism seat e^0 of the form shown is interposed.

8,157. WATCHES, ETC. M. Goldstein, Braila, Roumania. April 17. No patent granted (sealing fee not paid).

Keyless Mechanism.—The barrel *a*, Fig. 1, overlapping the center of the movement drives the pinion *b* of the escape-wheel through the wheels and pinions *d*, *c*, *f*, *g*, *h*, *i*, and the wheel *m*, Fig. 2, mounted with easy friction by means of the spring *l* on the arbor of the wheel *e*, drives the

FIG. 1.

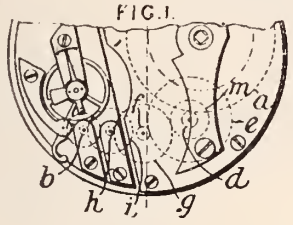
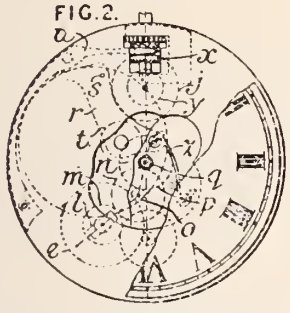


FIG. 2.



cannon *q* of the hour-wheel *p* through the wheel *n* and pinion *o*. The number of teeth on the different wheels and pinions suitable for an eight-day watch is stated in the specification. To set the hands, the stem is depressed, when the bascule spring *u* lowers the sliding pinion *x* into engagement with the wheel *y* which is solid with the wheel *j*, and simultaneously turns the bascule *r* about its pivot *s* to place the wheel *t* in engagement with the wheel *j* and cannon *q*. The bascule is maintained in its normal position by a spring *z*.

8,275. EYE-PROTECTORS. S. S. Lawrence, London. April 18.

Dust and glare protectors and the like are constructed so as to enable them to obtain a good grip of the face without causing undue pressure on the nose. Wings *e*, preferably of thin vulcanite or

FIG. 1.

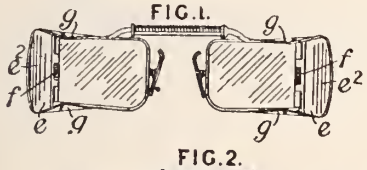
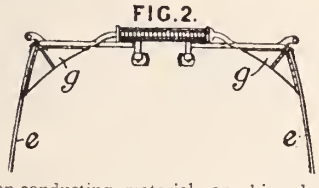


FIG. 2.



other non-conducting material, are hinged to the outer sides of the frames, and their roughened parts e^2 are pressed against the face by springs *f*. Each wing preferably has two springs. Folding pieces *g* are placed above and below between the frames and the side wings; they may be made of metal hinged at the sides and center as shown, or of leather, silk, or other flexible material

Complete specifications accepted Aug. 9, 1906.

1905.

23,176. FOUNTAIN-PEN. Hearne & Hooper.

25,902. SLEEVE LINKS. Roberts & Rhodes.

1906.

5,482. WATCH CASE. Otto.

10,709. HAIR PIN. Schmetzer.

Applications filed July 30 *to Aug.* 4, 1906.

17,428. PURSE. Frederick Wich, London.

17,429, 17,430 and **17,431.** EYEGLASSES. E. A. Archer, Clerkenwell, London.

17,447. ELECTRIC CLOCK. M. M. McHardy and G. B. Bowell, London.

17,473. BROOCH. H. J. Fielder, London.

17,503. BROOCH. Albert Frantz, Cologne, Germany.

17,531. OPERA-GLASS. James Aitchison, London.

17,546. TIME RECORDER. T. P. and C. J. Hewitt, Liverpool.

17,568. COMBINED POCKET-KNIFE AND PENCIL. R. H. Worley, London.

17,597. BRACELET-FASTENING. Sidney Smith, Birmingham.

17,664. HAT-FASTENER. Charles Griffin, Finsbury, London.

Connecticut

Henry C. Reid, Bridgeport, has just added an optical department, in charge of W. W. Cervante.

Wm. A. Elliott, with the Adelphia Silver Co., New Britain, has just returned home from a business trip to California in the interest of the concern.

Burges Leavenworth, Wallingford, who has been confined to his home by illness for several weeks, left, last week, for a short sojourn in Block Island.

E. B. Everitt, a confidential clerk in the employ of the International Silver Co., Meriden, is reported to be convalescent from a critical attack of heart trouble.

Wm. E. Sessions, Bristol, has just purchased a lot on Judd St. It is reported that the purchase was made for the purpose of erecting a parsonage on the lot.

Mayor George M. Landers, New Britain, last week denied current rumors that he was a candidate for a place on the New Britain delegation to the Republican State convention.

N. M. Ruddy, New London, last week furnished the prize medals for the National Roque Association. The medals for the first division are of gold and those of the second division are of sterling silver.

Mrs. Adam Lockhart, wife of Adam Lockhart, an employe of the Wilcox Silver Plate Co., Meriden, committed suicide last week at her home, 249 W. Main St., at that place. Mrs. Lockhart was 56 years of age.

Hiram Gale Parker, for several years in the employ of E. Miller & Co.'s factory, Meriden, died recently at his home at that place. Mr. Parker was a native of Wallingford and had resided in Meriden most of his life. He was 68 years of age.

Lester E. Stevens, private secretary to President Samuel Dodd, of the International Silver Co., will be married Sept. 12, at the Lutheran Church, New Haven, to Miss Maidda C. B. Beetz, of New Haven. An elaborate reception will follow the ceremony in Harmonie Hall.

The Landers, Frary & Clark Foremen's Club, of New Britain, enjoyed an outing about a week ago, at Schuetzen Park. Many members expressed their regrets that Mayor Landers and Supt. E. F. Smith were unable to attend, owing to business duties which called them to Chicago.

Edward Miller, of Edward Miller & Co., Meriden, has the sympathy of his many friends in the trade owing to the recent death of his wife, Caroline M. Miller. The deceased had suffered several months from heart trouble, of which she died. She had been married to Mr. Miller for about 58 years, and contributed much to his success, having worked at one time with him at the bench in his factory.

Pittsburg.

M. Bonn has returned to Pittsburg from his European trip.

Samuel Weinhaus has returned from his vacation spent at Atlantic City.

J. S. Crawford of J. C. Grogan & Co. has returned to Pittsburg from Ridgeview Park, where he spent several weeks.

Dawson B. Adams, who was compelled on account of illness to seek rest at Cambridge Springs, has returned to Pittsburg.

B. Meisinger, who suffered from a severe attack of typhoid fever, is convalescent and his friends are glad that he is able to be out.

Hugh A. Murray, manager for Henry Wilkens & Co., and family have gone to Niagara Falls, where they will spend a 10 days' vacation.

O'Brien & Co. last week displayed the gold cup offered by R. M. Weaver, as well as a number of silver cups to be contested for at the races.

Major Loeffler, doorkeeper for President Roosevelt at the White House, is spending several weeks with his intimate friend, J. Kornblum. Major Loeffler visits Mr. Kornblum every Summer.

Sol Cerf, accompanied by Mrs. Cerf, left last Friday night for a short stay at Atlantic City. The Cerf concern now has a watch and clock repairing department, with A. H. Weinberg in charge.

C. S. Weaver, engraver, has moved from the Diamond National Bank building to the Bessemer building, 6th St. and Duquesne Way, where he has taken headquarters with the Marsh, Brown & Mather Co.

Among the out-of-town jewelers who visited Pittsburg last week were the following: P. J. Manson, Jeanette; A. Mascher, East Palestine; J. Linnenbrink, Rochester and Guy Hutchinson, of Hutchinson Bros., Kittanning.

The Pittsburg Exposition was formally opened Wednesday night. Several of the local jewelers have displays at the big show. Among others are Heeren Bros. & Co., who have a beautiful exhibit, and the Chesmann Optical Co.

A ring valued at $400, said to have been pawned by T. E. Sweeney, was recovered from a local pawnbroker last week by the police. The ring is said to have been loaned to Sweeney. He was lodged in jail to await a hearing on the charge.

R. Siedle & Sons have been appointed watch inspectors for the Pittsburg & Lake Erie Railroad. Webb C. Ball, Cleveland, has been the inspector for the Lake Shore and New York Central lines, the Lake Erie being controlled by the same interests, and it is stated that Mr. Ball has turned the work of the P. & L. E. over to the Pittsburg firm. J. R. Reed & Co. had made the inspections for a number of years.

Pittsburg hotelkeepers have figured out that 1 per cent. of their profits of each year is lost through the taking of silverware by guests, who desire it for souvenirs, all of which makes business for the dealer in table ware. The hotel men are endeavoring to find some remedy to put a stop to the practice. Some suggest that the hotels sell silver souvenirs to guests in an effort to break up the practice of stealing.

Mainspring Don'ts

Simple Hints for Those Who Handle Mainsprings

Don't fail to provide yourself with the best mainspring winder that can be obtained. See that the hooks on all arbors of the winders are no longer than the thickness of the thinnest spring, and thus avoid kinking, and therefore unnecessary breaking of mainsprings.

Don't use a mainspring that is too long, because it fills the barrel and prevents that part, or the mainwheel, from making the required number of revolutions, with the consequence that the watch will not run as it should after each winding.

Don't use a mainspring that is too strong, because it will set, increase the percentage of breakage and injure the watch.

Don't use a mainspring that is too wide, and be sure that the tip and brace do not extend beyond the limits of the cover and barrel.

Don't forget that a mainspring should not occupy more than one-third the diameter of the barrel, thus leaving two-thirds to be divided between the arbor and winding space, to enable the watch to run about thirty-six hours.

Don't expect a mainspring to be flat if you put it in the barrel with the fingers. This method usually injures the spring, gives it a cylindrical form, and thereby increases the friction in the barrel.

Don't bend the inner or outer end of the mainspring with flat-nosed plyers, but provide yourself with specially made round-nosed pliers which will give a circular form to these parts, prevent short bends, contract the inner coil, and thus secure a closer fit to the barrel arbor without injuring the spring.

Don't expect other than a properly fitted flat mainspring with rounded edges to produce the least friction in the barrel, allow the greatest amount of power to the train, and give the best results as to time, service, etc.

Don't expect a mainspring to always endure extreme changes in temperature, or electrical disturbances, or straightening at full length, or neglect from lack of cleaning and oiling.

Don't expect a watch that needs cleaning or other repairs to run satisfactorily by merely putting in a new mainspring.

Don't expect a mainspring to plough through too much dirt.

Waltham Watch Company

Waltham, Mass.

THE HOROLOGICAL REVIEW.

Public Dial Formed of Incandescent Lamps.

SOME time ago we came across a public dial, says the *Deutsche Uhrmacher Zeitung*, the figures and hands of which were formed by incandescent lamps. The figures remained unchanged, but the minute hand leaped forward one division every minute, while the hour hand changed its position

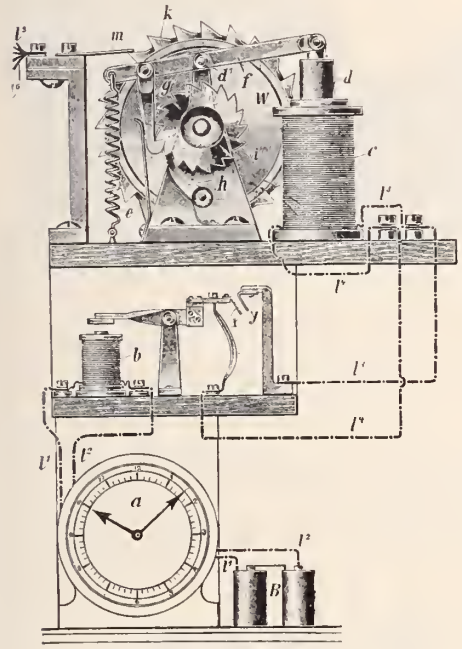


FIG. 1.

once in 12 minutes. To-day we are able to draw attention to a similar method of indicating time. We have designated it a "public dial," but this description must not be taken too literally, for, as a glance at Fig. 2 will show, there is no trace of a dial in the ordinary sense of the word, viz., a round disk with hour and minute divisions; the time is shown by means of words and numbers, *e.g.*, 10 o'clock, 8 min.

The inventor of this apparatus (protected by German Patent No. 163248) aptly calls it in his patent specification a device for indicating the time by means of electric signs. The mechanism is shown in Fig. 1; a is a master clock closing a contact every minute by which the electric current from the battery B is made to flow through the wires l^1 l^2 connecting with the small electro-magnet b. The current causes the latter to attract its armature, thereby closing the contact xy with the conducting wires l^3 l^4. The large electro-magnet *c* is joined up in this circuit, and when it is excited by the current the armature d is drawn into the coil c.

The motion of the armature d and of the double lever f connected with it and revolvable round d^1 is sufficient to cause the pawl near the other extremity of *f* to turn the switch wheel *i* one tooth forward. As soon as the current is interrupted, the parts f and d are brought back into their original position by a powerful screw spring e, the switch wheel being prevented from turning back by the click h.

The switch wheel i is firmly fixed to the drum on the same staff. The rim of this drum is fitted with a number of contact points *k k* (see also Fig. 2) which light the incandescent lamps arranged on the board p to show the time.

This is done in the following way: A number of incandescent lamps (59 in the illustration) are arranged on the board to form the words "o'clock" and "minutes," and are lighted up either in direct connection with, or simultaneously with, the figures standing before them. In the first case they can be joined up directly in the lighting system, in the second case a single contact is sufficient, made, as shown in Fig. 1, by a spring m lying on a raised portion of the contact drum. There must, however, be another series of contact points for the figures, by which currents are transmitted into the wires *q*, q^1, q^2, q^3.

Each of these wires is connected with a particular combination of incandescent lamps, which must be so selected from the five vertical rows of lamps before the words "o'clock" and "minutes" that by means of as few simultaneously acting contacts as possible all the numbers from 1 to 12 before the word "o'clock" and from 1 to 60 before the word "minute" can be formed. Now, as the contact drum W makes a turn forward every minute, with every new turn other contacts k k are closed, and in such a manner that the numbers, formed from incandescent lamps, appear in their proper order.

The idea is a pleasing one, and the construction highly practical and adapted to the purpose.

Defur & Williams, Wadersville, Ind., have dissolved, Kelly Defur continuing the business.

The Lever Escapement and Its Modern Production.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the French of M. LEON BECKER, Master of Escapements, in the *Journal Suisse de l'Horlogerie.*)

THE progress realized in the manufacture of the watch in our principal establishments leaves far behind the system in vogue 20 years ago. The roughed-out pieces, the exactness of the thickness of plates and bridges, the distances be-

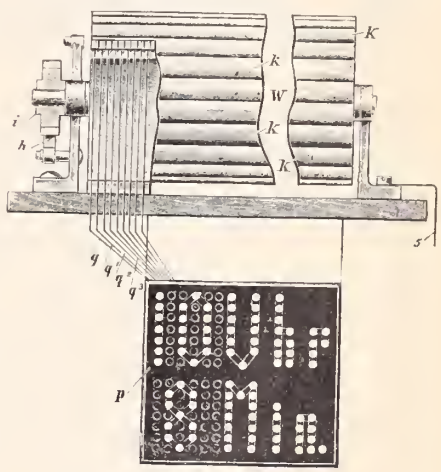


FIG. 2.

tween the mobiles, the setting of jewels by machine, allow of putting together the timepiece and finishing the escapement after it is gilded, because all the pivotings have been executed on gauges and the pieces are adapted to their respective uses.

However, the pivoting requires much care and constant verification, for, although balance staffs, lever staffs and pinions of escape wheels, prepared in a state quite advanced and according to the calibre for which they are designed can be obtained, it is still necessary to reject many pieces.

The pivoter receives with the arbors and pinions a measuring tool, the micrometer, which serves for establishing the total heights in pivoting by measuring from one shoulder to another. The micrometer which I employed is an angular slide bearing divisions on each side, on the inside of which the piece to be measured is introduced, which allows of reading rapidly the degree occupied. These measurements are

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The wide-awake dealer knows the value of a good stock of Elgin Watches. He knows that they are a good criterion by which to have the public judge his store.

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San Francisco Office, 206 Kearny St.

at present millimetric, the douzième tool being practically abandoned, as not being able to afford subdivisions as small as those that must be taken in the new manufacture, in which it has become indispensable to estimate even a fraction of the hundredths of a millimetre.

For balance staffs the total height is measured from the ends of the pivots. The artisan who puts them in place, the "planter," verifies the proportion of the heights with the other mobiles, looks carefully after the pivots and their extremities, and attaches them to the balances, which are then turned over to the springer, who puts in the plates and the collets for the flat or Breguet springs. The adjustment of the heights is accomplished by means of tools prepared for the calibre, for the size of the pivots, the size of the holes in the stones, is the guide.

Therefore, for pivoting the escapement, there are many details to be observed, and there is not for the artisan many advantages over the old method.

In the course of the manufacture various customs for treating balances have crept in. From my viewpoint, when the pieces are to be moved rapidly, the most practical system is to cut the balances and make the adjustment by means of rough cocks, while the plates and bridges are undergoing the processes of gliding or stoning. But if the pieces are designed to be kept in drawers, it is better to make the adjustment when needed. This will avoid accidents, which are sure to occur in adjustments made in advance.

With reference to the putting together and finishing of the pieces I ought to say that many workmen hesitate to do it after gilding. These are generally the ones who have never finished a piece except in blank, and who work by trials, without taking into consideration the principles and motives of this or that expedient. The mounters and finishers after gilding are, therefore, superior artisans, understanding their work. The quality of the watch has constantly gained by the new system, for it cannot be denied that previously some "planters" were not thoroughly acquainted with their trade and made retouches contrary to the sound principles of the escapement.

In order to practice this work successfully it is necessary that a young man should pursue a course of pivoting, and ascertain the details thoroughly. He will then be able to examine the pivots and ascertain whether there are necessary changes. It is also important that he should have on his bench a very clean light-colored paper and two fine cloths. The cloths and buffs should be kept separate from the files.

The operator should make sure at the outset of the condition of the pieces, examine the stones and repair anything necessary for the file, as forks, ratchets, screws and other objects of steel. Then all the filing should be removed to avoid the possibility of scratching the gilding. I can say from observation that careful artisans, observing the rules of cleanliness, have worked for months without ever scratching a piece of work.

In all the operations of finishing rough screws should be used, and finished screws employed when the parts are definitely put together. For verifying the functions by means of the train it will not be necessary to energize the mainspring to the extent of more than one tooth of the ratchet. This is sufficient, and even preferable, to stronger force. The small defects are thus more apparent. In the course of the work the stones and pivots should be kept perfectly clean, and the gilding should not be subjected to friction by the use of cloths, as it will be quickly tarnished.

Then comes the examination of the mounting and finishing, as well as the "planting" of the balance springs, which some manufacturers give to the examiner of the finishing, who makes a guiding mark. Other manufacturers have the examination separated, and the balance spring "planted" by one who has correct ideas of the adjustment or by the adjusters themselves.

My opinion is that if the preparations for the adjustment are made during the gilding, or before the finishing and mounting, it is preferable that the examination should be made and the spring "planted" by the same person, and that he should at the same time make sure of the rate. But, on the contrary, if this preparation is made after the finishing and "planting," it is better that the spring should be put in by a specialist. In all cases the oil should be applied to the holes of the balance and to the stones of the escapement pallets at the time of putting in the spring. The holes of the other mobiles should be oiled only at the time of placing the dial.

The handling of the balance spring is a delicate operation and requires to be done carefully. Unskilled "planters" often make too many manipulations, and by successive bending and straightening of the spring deprive the metal of its original elasticity at various points, which cannot fail to be prejudicial to the adjustment.

These remarks are the result of observation in training numerous apprentices and journeymen for the finishing and planting of the movement. My purpose has been to induce artisans to abandon old methods and to keep in touch with the progress of horology, both with regard to their individual interests and for the general advantage of a great national industry.

"Long-Winded" Timepieces.

"THAT man's watch holds the record for this town," recently remarked a country jeweler. "It has run for 22 years without stopping. Aside from a little regulating, oiling and cleaning, it has never needed a repair.

"I know lots of men who try to establish records for their watches. I know five men in this little town whose watches have run day and night for 10 years. Give a good watch to a man, and he takes a pride in it. He never forgets to wind it. Soon he is trying to make a record for it.

"The record for continuous running is held, I believe, by a certain watch that has run for 28 years."

George Hilbert, Mountain Top, Pa., has discontinued business at that place.

Invar Balances.

(A communication to the Editor of the *British Horological Journal.*)

DEAR SIR—Mr. Milne has been good enough to carry out his promise of re-testing the invar balance after it had been going for two or three years, and although it appears to have undergone some small change, I think he is quite justified in claiming that it is better than the ordinary balance. I intend to try some of them myself.

As the invar used in the balances has not such a low-efficient as that used for the first grade pendulum rods it may be that the combination is not so strained and unnatural, and, therefore, not so liable to change.

I am indebted to Mr. Strachan for his letter in the May number of the *Journal,* p. 136. At a first glance it would appear that General Tennant's observations directly contradict those of Captain Woodroffe; but that is not necessarily the case. The General experimented with, probably, marine chronometers, although later on the word "watch" is used. The experiments in Nigeria were made with watches. The difference in the results may be entirely due to isochronal errors. General Tennant assumed that the arc of vibration increased in a moist atmosphere. If correct, that agrees with my observations of the varying arcs of the pendulum, assuming that those variations were due to changes in humidity.

The General, however, goes on to assume that, because the arc increases, "the balance vibration will take longer, and the watch lose"—a rash assumption, quite ignoring Hooke's well-known axiom, *"ut tensio sic vis."* If the vibrations were truly isochronal, change of arc would, of itself, have no effect on the rate. The experiments of the late Victor Kullberg clearly proved that ordinary marine balances have a centrifugal error noticeably affecting the isochronism. He found the relatively thin rims and massed weights caused the rims to open out in increased arcs in quite a decided way, and devised a balance with a very wide, or deep, rim to check the tendency.

Watch balances, with their comparatively thick rims and distributed weights, have little, if any, observable tendency to open out under centrifugal action. As most watchmakers know, the usual tendency of a watch balance is to go *fast* in the long arcs, although the timer can make it go slow in the long arcs, if he desires, within narrow limits. If, therefore, General Tennant's timepieces were marine chronometers, or watches with a losing rate in the large arcs, Captain Woodroffe's watches had the usual tendency to gain in the large arcs, then the apparently conflicting results may have been due to precisely the same cause, *i. e.*, having the arcs increased by greater moisture in the atmosphere.

In asking the question as to the effect of increased humidity on page 120 I had not in mind the capacity of the oil for imbibing moisture from the atmosphere, I was only thinking of the nature of the resistance of the air to the passage of the balance through it. When the balance vibrates it has to push the air from its path to make a passage. To what extent will this resist-

Seth Thomas Clock Company

ESTABLISHED 1813

A few of the many new patterns shown in our new catalogue, which will be mailed to the trade Sept. 10th

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15-Day Fine Polished Movement.
Half-Hour Strike.
Cathedral Bell.





Rich Gold Finish.
4-inch Decorated Porcelain Dial.
Height of Clock, 15 Inches.



CARRIAGE No. 5

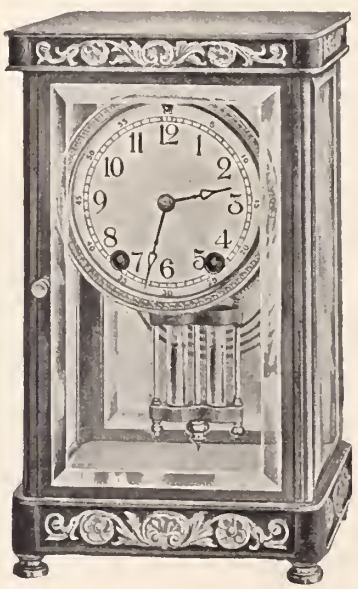
Rich Gold Finish.
8-Day Time.



Height, 7¼ Inches.

EMPIRE No. 4

Bronze top and base. Gold body and trimmings. 8-Day, Half-hour Strike.



Height, 11 Inches.

LUCERNE

Rich Gold and Bronze Art Nouveau Finish.
15-Day, Half-hour Strike.



Height, 15½ Inches.

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70 Wabash Ave.
CHICAGO

ance be affected by humidity? When one thinks of the difficulty of walking through water, as compared with walking through air, it would seem that the arc increases with increased moisture.

Dr. Guillaume (see *Journal* for Feb., 1904, p. 75) points out that the balance in vibrating drags some of the air with it, that this added mass will increase the moment of inertia of the balance, and cause the balance to vibrate more slowly than when moving in a vacuum. This deduction seems to be perfectly logical. How far will change of humidity affect the quantity of air so dragged? It seems to me possible that with increase of moisture the balance might not drag so much of the atmosphere, that the particles of air might separate more easily, and the sphere of dragging influence be smaller. Is this so?

At the Manchester meeting Mr. Mendel referred to the possible effect of moisture on the oil, quite recently Mr. Constable (of the Kew Observatory) referred to the same possibility, and General Tennant appears to have considered that effect only. There is no doubt that this will have some influence on the arc, and that it will vary with the hygroscopic nature of the oil used.

There appear to be four factors involved: the effect of moisture on the oil, the effect on the resistance of the atmosphere to the balance pushing it aside to make its passage, the effect on the quantity of air dragged with the balance, and the effect of friction between the air dragged by the balance and that outside its dragging influence.

It almost makes one's head ache to think of the many little "next-to-nothings" that hamper one in the production of a perfect timekeeper, and yet the world at large lightly asks one to "please move the regulator of my watch so that it will neither lose nor gain." As if one had a magician's wand that only needed waving for the watch to be "always right." Would that I had one.

THOS. D. WRIGHT.

A Chiming Street Clock.

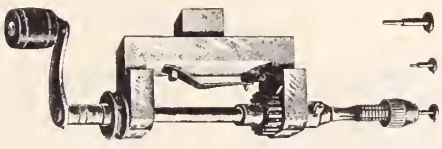
JOSEPH JESSOP, San Diego, Cal., expects to have his new street clock put up on 5th St. in the near future. In describing it Mr. Jessop said: "It will tell the time of all nations, and chime the national anthem of all nations that can be set to music. It also will chime those old-time airs that will be a never-ending charm to those sentimentalists who have a warm spot in their hearts for their native heath: 'Blue Bells of Scotland,' 'Old Kentucky Home,' 'Bingen on the Rhine,' 'Last Rose of Summer,' 'Kathleen Mavourneen,' and others; and for the curfew at half-past eight every evening 'Home, Sweet Home.'

"These will be chimed on sweet-toned silver tumbler bells. The only real difficulty we expect to encounter in making this clock of 15 dials, to be run by one master clock, is friction. Our original plans were to have the clock surmounted by an Indian on one side and Cabrillo on the other, life size, a globe resting on the shoulders of the men, and over all a spread eagle. These figures, however, will have to be dispensed with, owing to the extreme height."

Improved Main-Spring Winder.

THE well known main-spring winder has been remodelled, as shown in the accompanying illustration, by a French watchmaker, G. Delannoy, of Bethune. A small split-chuck, like the one on our modern pin-tongs, is inserted in the shaft, instead of the collet hitherto generally used. In this chuck a thin pivot is fixed, to the end of which a flat collet is attached, just as it is screwed on to the barrel arbor in a key watch.

These collet inserts are, of course, to be had in different sizes. The advantage of this contrivance is that the springs can be



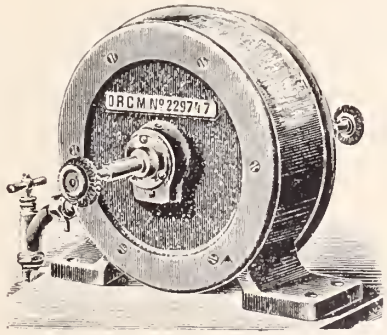
MAIN-SPRING WINDER WITH SPLIT-CHUCK.

held in the fingers, beginning from the inner coil, better than was possible with the former massive inserts. A pulley is fixed to the root of the crank. This pulley serves the purpose, after the click has been thrown out of gear, of making the whole apparatus available as a drilling machine. (In this case the crank is probably removed.)

New Hydrant Turbine-Motor.

A NEW turbine-motor is being manufactured in Saxony to be run by water from the ordinary hydrant. The description of the device states that its height is but 30 centimeters with a width, inclusive of the shaft, of 45 centimeters, and that it weighs about 28 kilograms.

On account of its reduced size, the machine can be located almost anywhere without being an obstruction, and it is adaptable and will work practically from any hydrant connection of half to



A CONVENIENT WATER MOTOR.

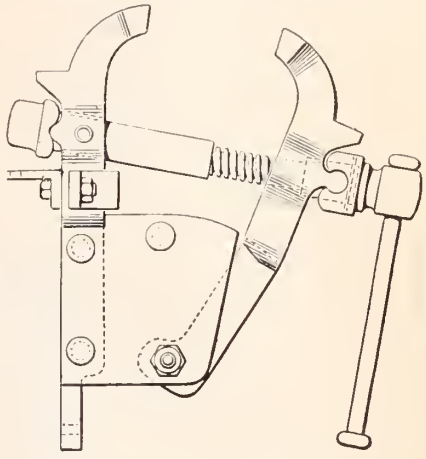
three-quarter-inch pipe. The consumption of 105 gallons of water per hour, under a pressure of three atmospheres, produces 1,800 revolutions a minute of one-tenth horse-power. The extraordinary power produced within so small a compass is brought about by a very large pressure surface being displayed to the water and cleverly-devised automatic ring packing lubrication.

The little machine is declared to act as correctly as any electric motor, and is efficiently available for polishing, grinding, etc.

A Springless Vise.

FROM a factory in Vienna, Germany, is being issued a new springless vise of peculiar construction. The joint connection as displayed in the accompanying illustrations obviates the need of a spring.

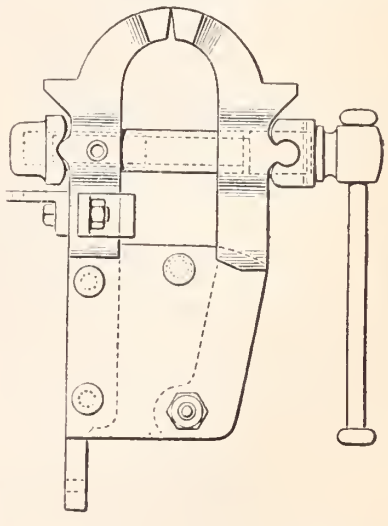
It is claimed by the manufacturers of



SPRINGLESS VISE WHEN OPENED.

this vise that it is free from the weak points of the spring attachment, such as ineffectiveness upon a weakening of the spring, or the spring becoming useless when the movable jaw gets opened too wide and beyond the spring's reach.

The method of action of the male and female screw is such that there is no bend-



SPRINGLESS VISE WHEN CLOSED.

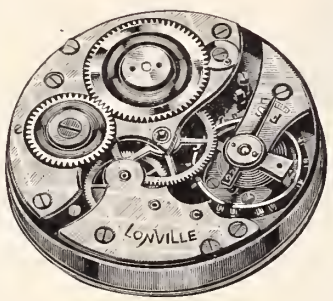
ing strain on the screw-shaft. As the worm is cut into the shank and not soldered on, there is no danger of its becoming loose from severe strain, and the progression of the movable jaw is perfectly regular in its motion.

Thieves recently broke into the pawnshop conducted by Benjamin Meisner and David King, 44 Monroe Ave., Detroit, Mich. A peculiar feature of the robbery was that the thief took only some valuable bracelets, leaving several valuable diamond rings and other stock which was on display in the show window.

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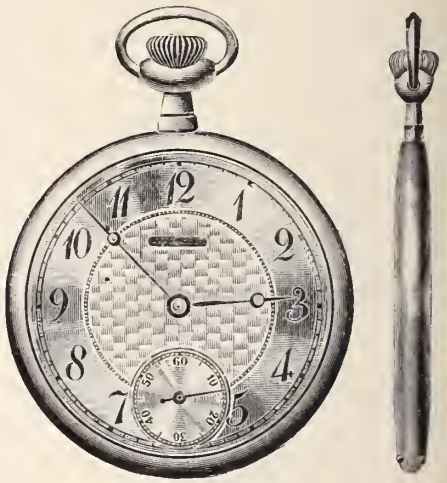
PARIS—"THE GRAND PRIX"—1900

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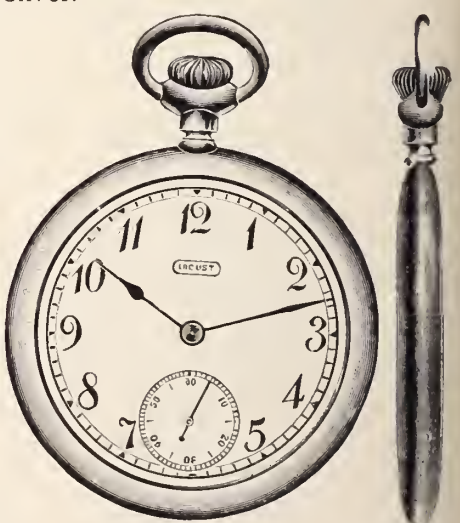
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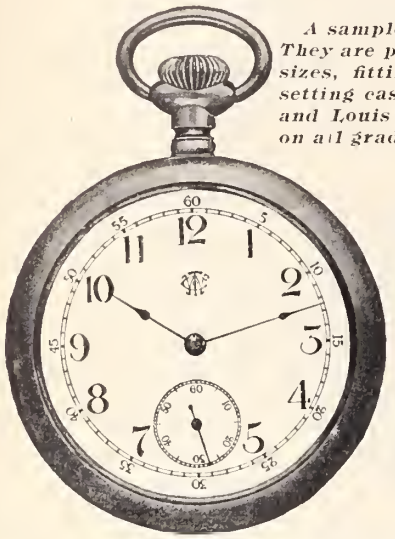
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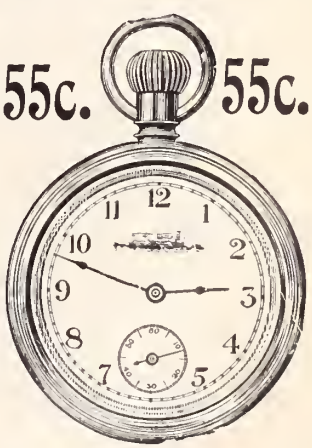
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A Few Remarks

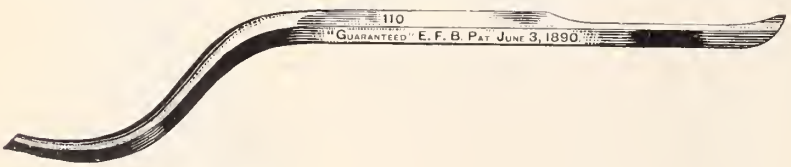
The well-informed mechanic purchases at about the same price as others pay for a cheap and worthless substitute. To become the leader, "to come into" universal demand and to be everywhere considered the BEST OF ITS CLASS, an article must of necessity be capable of satisfying the most careful buyer, yet dealers who are not content with reasonable profit and wish to increase their gain at the expense of the confiding, are constantly offering imitations of such articles that have stepped into the forward ranks of the world's commerce. The imitator always copies the appearance, but avoids reproducing the qualities which commend the original to public favor.



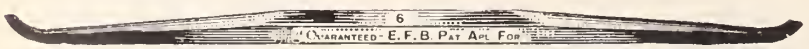
They generally contrive to make some change in the name or form of an article, so slight that it may deceive a customer, and this is most flagrantly and boldly done in imitating the

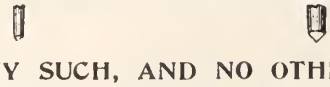
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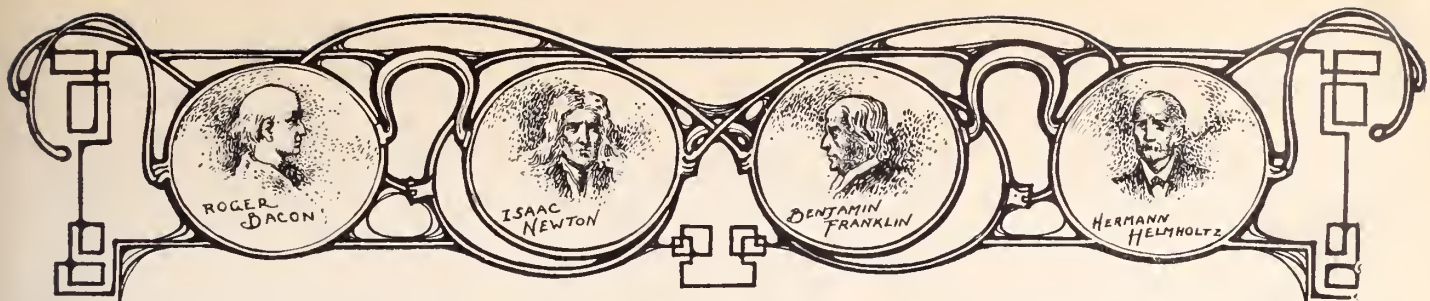
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OPTICAL DEPARTMENT

The Optometrist's Catechism.

A SERIES OF QUESTIONS AND ANSWERS ON ELEMENTARY OPTICS, IN CATECHETICAL FORM.

By E. Le Roy Ryer.

Copyright, 1903, by The Jewelers' Circular Publishing Co.

(*Continued from issue of Aug. 1.*)

Q.—(665) What is a cylinder?

A.—Geometrically, a cylinder is a solid body which may be generated by the rotation of a parallelogram round one of its sides; or, a circular body of uniform diameter, the extremities of which are equal

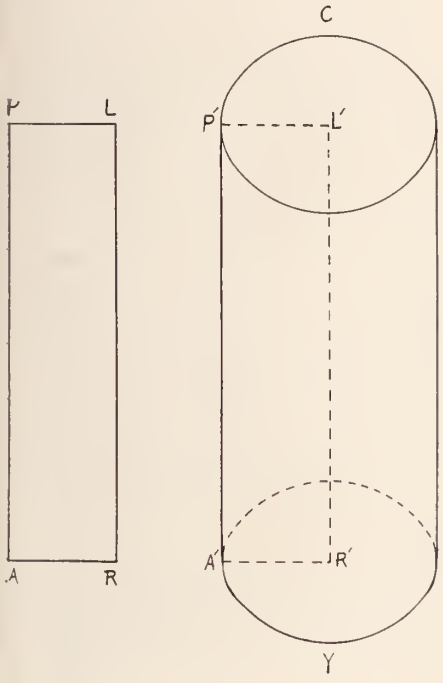


Fig. 92.

parallel circles. For instance, let P A R L (Fig. 92) represent a rectangular parallelogram, its opposite sides being equal in length and its angles all right angles; then suppose that the corners L′ and R′ were pivoted and the other side, P′ A′, made to revolve; the body, C Y, would thus be created, the bases would be circles, L′ being the center of one and R′ the center of the other; the line, L′ R′, would represent the axis of this cylinder and it would be perpendicular to the planes of both bases. A round, unsharpened wooden lead pencil is a fair example of a cylinder.

The above mentioned cylinder must not be confused with the lens that the optometrist terms a "cylinder," because the lens is only a portion or section of this body. Still, if this cylinder were made of glass it would act as a cylindrical lens.

Q.—(666) What is a cylindrical lens?

A.—A cylindrical lens derives its name from the fact that it is a section, cut parallel to the axis, of a transparent cylinder. Thus in Fig. 93, C Y, the dotted line figure represents a solid glass cylinder. A′ B′ C′ D′ represents a section of this cylinder cut away at A B C D; if, now, a circular section, X P S R, be cut from A′ B′ C′ D′, a cylindrical lens, as used in ordinary trial cases, would be obtained. X S would be the axis of this lens and P R would be the meridian of greatest curvature and power. When optometrists speak of a "cylinder" they mean a cylindrical lens and not the geometrical body.

Q.—(667) Which is the better form, cylindric lens or cylindrical lens?

A.—There is ground here for considerable argument. However, going back to spheric and spherical may afford a logical solution. The best authority defines spheric as pertaining to the heavenly bodies and spherical as being shaped like a sphere or relating to a sphere. Thus there is sufficient reason for the term spherical being employed in preference to spheric when speaking of spherical lenses. Cylindric and cylindrical, however, have not this dual application, but it would seem more consistent and be more uniform to use the form cylindrical when speaking of a lens which is a section of a cylinder.

Q.—(668) How many kinds of cylindrical lenses are there?

A.—There are convex and concave cylindrical lenses, as there are spherical. The convex cylindrical lens may also be known as a plus, or positive, and the concave as a minus or negative cylindrical lens.

Q.—(669) What are the abbreviations and signs used in designating cylindrical lenses?

A.—Cylinder for cylindrical lens is the first contraction. The capital letter C. or Cyl. are the abbreviations usually employed, and the signs + (plus) and — (minus) are used to denote convex and concave respectively. Axis is usually abbreviated Ax., and as every cylinder has one plane meridian or axis, and as it is important to know where this axis is, this abbreviation always accompanies any expression used to denote a cylindrical lens. Thus the expression + 1.00 D. C. ax. H. signifies a convex cylindrical lens whose greatest curve equals 1.00 dioptry and whose axis lies horizontal. V stands for vertical, and when the axis is neither vertical nor horizontal the sign ° is used in connection with a number, as 135°, denoting that the axis is at the 135th degree of the circle as laid out on the trial frame.

Q.—(670) How are cylinders numbered?

A.—Cylinders are numbered according to the dioptric system. The dioptric system was fully explained in a previous chapter. This dioptric value, however, represents the

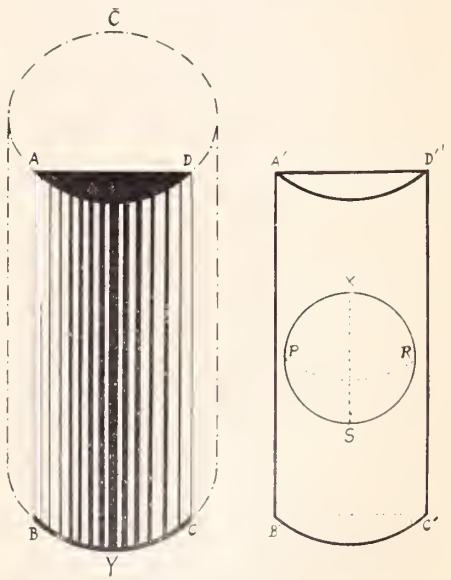


Fig. 93.

power of the meridian of greatest curvature only, or, in other words, the power at right angles to the axis.

Q.—(671) In how many forms are cylinders used?

A.—They may be used alone, and are then termed plane or plano-cylinders; they may be used in connection with spherical lenses, in which case they are called sphero-cylinders, and they may be used in connection with each other, and are then known as cross-cylinders.

The expression + 1.00 D. C. ax. 175° represents a plano-cylinder; + 1.00 D. S. ⊃ + 1.00 D. C. ax. 175° represents a sphero-cylindrical combination; + 1.00 D. C. ax. 175° ⊃ + 2.00 D. C. ax. 85° represents a cross-cylindrical combination.

(*To be continued.*)

Optical Department.

Anatomy of the Nervous System.

(Lecture recently delivered before the Rochester Optical Society by Dr. Ralph H. Williams.)

(*Continued from issue of Aug.* 29.)

THE SACRAL AND COCCYGEAL NERVES.

There are five sacral and one coccygeal nerve. The sacral plexus is formed by the upper four sacral nerves and the last lumbar nerve. The fifth sacral and the coccygeal nerves are small and are distributed to the tissues surrounding the coccyx.

The posterior divisions of these nerves are small and simply supply the integument over the buttocks.

The sacral plexus gives off several short nerves which supply the posterior muscles of the pelvis and hip joint, and the muscles of the buttocks. They are also distributed to the bladder, the rectum, and communicate with the sympathetic.

The two great branches of this plexus are the pudic and the sciatic nerves.

The pudic, the smaller, makes its exit from the pelvis through the greater sacro-sciatic,foramen, and re-enters again through the lesser sacro-sciatic-notch and is distributed to the rectum, anus, perineum, and to the genital organs. It is a much larger nerve in the male than in the female. In the female it only supplies the external genitals.

The sciatic nerves are two in number. The lesser sciatic is a small cutaneous nerve supplying the skin of the scrotum, perineum and the upper portion of the inner and posterior surfaces of the thigh.

The greater sciatic nerve, the largest in the body, measuring three-quarters of an inch in breadth and 3-16ths of an inch in diameter at its largest part. It passes out of the pelvis through the great sacro-sciatic-foramen and passes downward between the great trochanter and the tuberosity of the ischium, and supplies all of the muscles of the post side of the thigh, most of the integument of the back part of the thigh; and just above the knee joint it divides into the external and internal popliteal nerves.

The internal popliteal, the largest, passes down the back of the leg, sends filaments to the knee joints, supplies all the muscles and the skin on the back of the leg, passes down below the inner side of the ankle joints, supplies filaments to the joint and supplies all the muscles and the skin of the sole of the foot.

The external popliteal, the smaller of the two, passes through between the two bones of the leg and supplies all of the muscles on the front and outside of the leg and the integument over them. It sends filaments to the knee joint anteriorly, and supplies the muscles and skin of the top of the foot and the toes.

The sciatic nerve is frequently affected and involved in sciatic neuritis or rheumatism. A popular disease at the present time (I say popular because it is an erroneous impression and not a real condition) is that of supposed flat foot, which involves the muscles on the sole of the foot and thereby involves the internal popliteal nerve.

This completes the cerebro-spinal nervous system and instead of going to its physiology, I shall pass to the anatomy of the sympathetic nervous system, and we will deal with the physiology of the two together, for they are so inter-related that it is difficult to deal with the one without dealing with the other.

The sympathetic nervous system consists of a series of ganglia situated on each side of the spinal column, connected with the neighboring spinal nerves by communicating branches and distributing fibers to various parts of the body, and is in control of organic life.

The sympathetic system practically forms an endless chain, passing down each side of the column and connected in the base of the skull through the ganglion of Ribes, and below in form of the coccyx in the ganglion Impar. This latter ganglion is exceedingly vascular, and, owing to its position at the end of the spine, is often the seat of injury.

The ganglia in the skull described in connection with the fifth nerve, the ciliary, the spheno-palatine, the otic, gasserian and submaxillary ganglia, are in reality ganglia of the sympathetic, having rather closer relations with the cerebro-spinal system than with the spinal ganglia of the sympathetic. These ganglia have already been sufficiently dealt with.

The cervical ganglia of the sympathetic—three in number, the superior, middle and inferior cervical ganglia of the sympathetic—are located in front of the transverse processes of the cervical vertebrae. The superior ganglion lies opposite the second and third cervical vertebrate, and is probably a coalescence of the four upper cervical ganglia, as it communicates with the four upper cervical spinal nerves. From this plexus are derived fibers leading the important carotid and cavernous plexuses of the cranium to the pharynx, and it gives off a prominent fiber which leads down through the neck and assists in forming the cardiac plexus. It is through the cavernous plexus that the blood vessels of the skull receive the vaso motor fibers from the sympathetic system, which arise as low in the chain as the fifth dorsal. From this plexus are derived the fibers which communicate through the ophthalmic division of the fifth nerve to the orbit and the structures contained therein.

The middle cervical ganglion, the smallest of the three, lies in front of the sixth cervical vertebrate and corresponds to the fifth and sixth cervical nerves. From it are derived the thyroid plexuses and the middle trunk to the cardiac plexus.

The inferior cervical ganglion is located between the last cervical and first dorsal vertebrate, and corresponds to the seventh and eighth cervical nerves. Its principal distributing trunk is the inferior trunk to the cardiac plexus.

In the thoracic or dorsal region there is a sympathetic ganglion on each side corresponding to each dorsal spinal nerve, and it lies on the head of the ribs. Each one communicates with the corresponding spinal nerve and with the ganglion above and below it.

From the six upper ganglia arise fibers which form the pulmonary plexus to the lungs, and from these same ganglia are derived vasomotor fibers to the large blood vessels of the thorax and to the æsophagus.

The six lower ganglia give off what are known as the three great splanchnic nerves. The greater, derived from the sixth to the 10th ganglion, passes through the diaphragm and terminates in the semi-lunar ganglia of the solar plexus—the great ganglia of nutritional life. It is through this nerve largely that the functions of the stomach, liver and spleen are controlled.

The lesser splanchnic nerve, derived from the 10th and 11th ganglia, passes through the diaphragm to the coeliac ganglion, which is most intimately concerned with the organic life of the intestines (small), the pancreas, and, to a certain degree, with the liver and stomach.

The smallest or least splanchnic is derived from the last dorsal sympathetic ganglion, and it terminates in the renal and coeliac plexuses. This nerve is principally concerned in the control of the functional life of the kidneys, and, to a lesser degree, with the action of the lower portion of the small bowel.

These three nerves enter into the formation of the great solar plexus, which is situated in the abdomen directly in front of the spinal column, just back of the lower border of the stomach. The center also receives large fibers from the sympathetic nerves of both sides and some fibers from the phrenic nerves.

From this center are derived plexuses of nerve as follows: The phrenic to the diaphragm, the coeliac to the intestines, the gastric to the stomach, the hepatic to the liver, the splenic to the spleen, the supra renal and renal to the kidneys and their capsules, and the spermatic plexus to the spermatic cords and testes.

The lumbar portion of the sympathetic consists of four or five ganglia situated on the sides of the lumbar vertebrate. Like the ganglia above, these communicate with the corresponding spinal nerves; but this communication is not so extensive as it is higher up. The nerves from these ganglia find their way principally to the aortic plexus, the fibers which supply the lower bowels and form the larger portion of the hypogastric plexus situated on the front of the sacrum.

The sacral portion of the sympathetic consists of five ganglia on each side. The branches internally from these ganglia go in part to the pelvic plexus, which is derived from the hypogastric, and some of the fibers go direct to the vaso motors of the pelvis.

The hypogastric plexus, derived from the lumbar and sacral sympathetic ganglia, supplies all of the pelvic viscera through the two pelvic plexuses which practically constitute a bifurcation of the hypogastric.

From the pelvic plexuses are given off in the male the inferior hæmorrhoidal plexus to the rectum. The vesical plexus goes to the bladder, and the prostatic plexus to the male generative organs.

In the female, in addition to the inferior hæmorrhoidal and vesical plexuses, there are the vaginal and uterine plexuses supplying those organs.

The hypogastric plexus in the female is a much more extensive nervous organization than in the male on account of the

Optical Department.

greater amount of work demanded of the structures supplied in the process of child bearing.

In concluding the subject of the sympathetic nervous system I would say that this resumé of the subject is far from complete, but the subject happens to be one which must be gone into either extensively or only superficially. There seems to be no intermediate ground, and we unfortunately have not the time to go into the intricacies of this most wonderful portion of the bodily mechanism.

[THE END.]

"The Physiological Section, Past and Future."

(Address delivered by ERNEST EIMER, Muskegon, Mich., before the Physiological Section of the A. A. O., Rochester, July 30, 1906.)

AT the Chicago convention of the A. A. O., a plan was inaugurated for a standard of competency among optometrists. A Board of Regents was elected, and optometrists were invited to write essays or theses upon 20 or more subjects relating to the practice of optometry. At the Boston convention a year later the plan was approved, and the Physiological Section was born. At that time some 80 optometrists wrote satisfactory theses and were entitled to admission to the Section upon paying the application fee. From that time until the Milwaukee convention little or nothing was done to further the plans of the Section, and it looked as though these efforts would be in vain.

At the Milwaukee convention a number of the members of the Section believed that some substantial progress should be made or all efforts abandoned, and as a result Gustavus Kahn, Oshkosh, Wis., brought up the matter of establishing a library for the use of members of the Section, his idea being that anyone who had sufficient knowledge of the subject of optometry to pass a successful examination and join the Section should still further improve his spare moments by self-study. Mr. Kahn's idea, as stated, was that no one could become qualified and be progressive unless he kept continually studying and solving the knotty problems in this way. The result of this meeting was that the secretary and treasurer, with the librarian, were instructed to purchase necessary books and to solicit donations from all well-wishers of the Section, with the result that before the expiration of the year some 66 volumes had been secured by purchase or donation. These books have been made use of by a number of our members with great benefit to themselves at a very small cost for mail charges.

Up to this time the Board of Regents in passing on an application for membership simply read the thesis and marked it approved or not approved, as the case might be, and sent it to the next regent for his decision. Personally, I believed this plan faulty, inasmuch as a decision of one regent would naturally tend to influence that of another; and I effected a plan whereby each regent was to judge the thesis and notify the secretary directly as to the percentage of merit to which he believed the thesis entitled. Out of a possible 100 per cent. the applicant must pass at least 75 per cent. This plan has been followed with great success. During the past year 11 members have been admitted, the standing of the lowest being 76⅔ per cent. and that of the highest 93⅓ per cent. Surely a very creditable showing, although we would like to have been able to have admitted more to membership.

Now, I believe that the Physiological Section is an organization which is doing a great deal of good in inducing members to qualify for membership, which is surely commendable and a step in the right direction. I believe, however, for those who have passed satisfactory examinations and are in good standing, further effort at proficiency should be encouraged. The object of this organization is to stimulate and encourage a broader technical and scientific equipment in the field of physiological optometry, incite analytical investigation, record results of such research as may prove of value to the science of optometry and recognize high attainment of merit in this field by conferring some suitable honor upon those found worthy of this distinction. I shall therefore recommend for your careful consideration:

(1) That suitable prizes be offered to members of the American Association of Opticians who write theses of unusual merit when gaining membership in the Section; such prizes to be awarded to the first, second and third highest, written during the year. I believe that cash prizes of $15 for first, $10 for second and $5 for third would encourage a great many to take the examination who are now indifferent.

(2) I would recommend that the Board of Regents of the Physiological Section be authorized and empowered to confer suitable honor and recognition upon those members of the Physiological Section who will pass satisfactory examination in mechanical optics, physiological optics, diseases of the eye, anatomy and physiology of the eye and its appendages, or who present the most original and valuable essay on one or more subjects embracing optometrical practice.

I would suggest that the candidate take this examination either by thesis or essay presented during the year or by a personal examination before the Board of Regents at their annual conventions, and at such examination so taken before the Board the applicant shall receive a higher credit by at least 5 per cent. than those who merely write a thesis or essay and receive their credits during the year. The purpose of allowing a higher credit by at least 5 per cent. to those who appear before the Board of Regents is to encourage examinations at our annual convention and to make them a strong feature. These examinations taken by members of the Section should represent the highest possible attainment, and no thesis should be considered which does not receive at least 90 per cent. standing. The successful applicant should receive a diploma or certificate fully setting forth merits attained and certified to by all officers of Section and presented to him at the annual convention and the occasion made one of great importance to the entire optical profession. Can any member of the Section ask or receive greater honor than that of being selected among a large number of applicants to receive this annual degree or decoration?

The Board of Directors of the American Association of Opticians having formally authorized the Physiological Section to take full charge of the scientific programme at this convention, has taken a step undeniably in the right direction. Recognizing and advancing the Physiological Section and placing it prominently before the entire optical profession will have a tendency to demand greater respect and make membership in the Section of value to those who believe in establishing a standard of competency among optometrists.

The value of the Section taking charge may be briefly stated as follows: Placing of competent men in charge of the sight-testing room, where the product of the manufacturers of optical instruments may be more clearly elucidated, and knotty problems solved for those who seek desired information. In presenting matters optical we should not lose sight of the fact that we owe much to the manufacturers of this country, who, by their inventive genius, have made it possible for competent optometrists to diagnose errors of refraction to a scientific nicety. I believe I can safely say that manufacturing interests have always been favorable to the production of first-class goods in the hands of first-class optometrists. It is hoped that in years to come the Section having charge of the scientific programme may be able to enlarge, and be in a position to present even a better programme than that of the present convention. This is our first effort, and as we are somewhat restricted in the expenditure of money, we have presented a programme which we think will be highly instructive and entertaining.

Remember that the Section as a body will be respected in the degree in which it is supported, and it is the duty of each and every one of us to assist the officers in building up this important branch of the American Association of Opticians. Lay aside all prejudice, if any exists, and unite with us in according to the science of optometry the respectful consideration that is due it. As we value our personal character, so should we value our chosen profession, and not belittle it in any sense.

I am very much afraid that some of our members believe that when they have paid their annual dues that they have done their full duty to the Section. If this is true, I disagree with them very strongly. Each member should bear in mind that the officers are but the servants of the organization, and cannot be expected to carry out changes and suggestions without the earnest and hearty co-operation of each and every member.

At the annual meeting of the Southern California Optical Society, Los Angeles, Cal., recently, the following were appointed to constitute the Executive Committee: H. L. Apffil, C. B. Elliott, G. A. Pico, Chas. Snell, C. H. Hall, F. W. Crain, Los Angeles; O. C. Tullis, Santa Monica; C. S. McClery, Alhambra; W. W. Kern, Fullerton; D. T. Binford, Whittier; H. H. McLachlen, San Diego; W. A. Mason, San Bernardino; G. L. Webb, Ocean Park, and C. Lamsen, Pasadena.

STORE KEEPING DEPARTMENT.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Character as an Advertising Asset to the Retail Jeweler.

(Paper read by MACK A. HURLBUT, Ft. Dodge, Ia., at the convention held recently in Des Moines, by the Iowa Retail Jewelers' Association.)

YOUR committee, with usual intelligence and forethough, has seen fit to select me to settle for now and all time to come the much discussed question of advertising. And with equal frankness the committee has told you that "it would be good and bad"—whether this is part of the subject or refers to my handling of it, I cannot say. It looks to me like a "heads I win and tails you lose" proposition. If my address is good and you like it, the committee will take all due credit for picking me for the job. If it is bad, they will tell me with equal unconcern that they knew it would be and had so informed you in the programme.

I do not know why they should have chosen me for this task, unless it is because I am considered an easy mark by all advertising grafters. At least, every grafter who has a fake advertising scheme asks for my store as soon as he hits town. I have spent so much money advertising that my friends and family have taken pains to inquire if the Keeley Institute did not cure the advertising habit.

They have given me 20 minutes to talk to-day on a question that a wise man could discuss for hours, and then only hit the high spots. Now, gentlemen, to me advertising is the foundation, backbone and true secret of success in the jewelry business. At first glance and taken off hand, this may seem an exaggerated statement, but when you learn what interpretation I put on the word advertising, and the definition I give it, I think you will agree with me in giving it the importance I do. Now, the first thought that suggests itself in any business proposition is, will it pay? If it has the importance I attach to it, it certainly will, being the foundation and steelframe of the jewelry structure. But you cannot expect advertising to pay if you handle it in the light of a "get-rich-quick" scheme if you expect to fulfill solid gold promises with fire gilt performance, or expect to hunt 13-inch game with a 22-caliber pistol. I have seen lots of advertising, and some of it by jewelers, that was not advertising at all. It was simply getting money under false pretenses.

I am not going to waste the time of this convention explaining the various methods or means of advertising, as they are simply the tools of the advertiser. Neither am I to discuss the good and bad of newspaper, hand bill or booklet; nor am I to argue the comparative value of a sign hung on a circus elephant's back or painted on a dead wall. No, gentlemen, I am going deeper this afternoon than printer's ink, paper and paint. These, one and all of them, are as applicable to one line of business as another, and the principles are being threshed out daily in every trade and advertising journal in the land. I will try and get right down to hard tacks in advertising, as applied strictly to the jewelry business—advertising that will bring the permanent success we all so much desire in our business; advertising that will raise our business above the fear of mail order and department store competition.

Now, in order to get at the vital point of jewelry advertising, and where it differs from other lines, let us look over the business itself and see how it stands in relation to its customer in a different light from that of any other line in the retail trade. It is not necessary for me to tell you as jewelers of the many temptations there are in the business for unjust profits, spurious imitations and occasional chances for "easy money." I do not need to dwell on the fact of how little the customer's judgment counts when making jewelry purchases. In any other line the customer has the benefit of former experience and a judgment more or less trained to assist him in judging of values offered. But in the jewelry store fire gilt, rolled plate filled and solid gold all masquerade under the same polished front, and to the inexperienced making a jewelry purchase, "all coons look alike."

In other lines goods are purchased as a matter of utility, and for one's own personal use. A poor article reflects on no one but the man selling it. But in our line most of the purchases are made of articles intended as gifts for another—little tokens of some of the deeper feelings of the human heart, memorials of some of the brightest spots on life's journey. And as such they should be as true in the ring as in the feeling they represent. The customer instinctively feels that a shoddy gift betokens a shoddy giver. They worry not about the matter of price, except to keep within their means. What they most desire is to know of the article's permanence, that it may be a lasting gift. This feeling being deep rooted, and the buyer not being able to protect himself by his usual judgment, he naturally turns to the individual or firm whom he feels is most worthy of his confidence. For this reason I contend, gentlemen, that the value of a jeweler's advertising depends more on the character of the man behind than it does on the advertisement itself. A good reputation for square-toed dealing is worth more to a jeweler in dollars and cents as advertising than it is to all other lines combined.

This, then, means that a jeweler's advertising becomes more a matter of daily deeds well done than of daily words at so much per inch.

How can so valuable a reputation be obtained and what is more maintained? Any man can make a reputation. It is living up to it that whitens the hair and furrows the brow. Emerson said: "If a man can preach a better sermon, write a better book or build a better mouse trap than his neighbor, the world will form a beaten path to his door, even though his home be in the woods." You will note that he says the man who can, not the man who says he can. There is nothing said here about newspapers, hand bills or booklets making the path. It is the man's ability that beats his front lawn into a macadam road, not printer's ink and a flow of words.

If I were compelled this afternoon to establish a jewelry store, and had offered me the choice, on the one hand, of ability, in all the word implies, and, on the other hand, unlimited money to spend for advertising, my choice would unhesitatingly be ability. Advertising can bring in customers, but ability makes repeaters of them all.

I care not if you have the best fixtured and best stocked store in the town, and spend your money like a drunken sailor, advertising that you repair watches, unless you can deliver the goods and make the watch keep time, you will never get the same customer twice. The next time your customer gets his watch repaired, if you fall down, he will take it to some one who is recommended to him, even though the man never had his name in print. You not only lose your advertising money, but you suffer a double loss in his not recommending you to his friends, and sometimes worse than this—he gets busy with his hammer and "knocks."

You can cover the town with signs painted in red letters 10 feet high, "John Jones, the Reliable Jeweler," and every man in town that bought one of those 20-year

Storekeeping Department.

filled cases for $5.90 will get so twisted in his vision that the signs will read in words of fire, "John Jones, the Old Scoundrel"; especially if he has had the case more than six months. As to the old woman to whom you sold the six-stone ring for $2.75 and guaranteed it to be sound and all O. K., when every time she slips down four sets pop out, you can spend the wealth of a Rockefeller sending her booklets on high quality, but the very next time she wants her breastpin fixed your competitor will get the job, even if he never heard of advertising.

You can have an optical room twice 20 feet long and as dark as the darkest night, fit it with all the glittering nickel plated paraphernalia known to the craft, paper the walls with diplomas at $7.50 per, and if you don't know the retinoscope from a jar of prunes you will find that advertising does not pay in your optical department.

Advertising will pay you only as you back it with a character as a man, and a good name for square-toed dealing in every transaction. Such a reputation cannot be born in a minute, nor nourished into healthy growth on wind and flim-flam. An enduring reputation cannot be a paper and tinsel affair—like a piece of scenery, beautiful to behold in front under the limelight, while the back is but a mass of muslin rags and skeleton frames. Your buying public are sometimes going to get behind the scenes, and the reaction will be doubly great when they discover that the glittering palace at the front is but paint and pasteboard when viewed from the rear.

This means that you have got to take the bitter with the sweet; that you have got to be as fair-minded in all your outside transactions and relations as you would have people believe you to be when trading over your counter. How can you expect your grocer to respect your worth as a jeweler if he has to earn his money twice, squaring petty kicks when he comes to collect his just due? How can you expect your washerwoman's neighbors in the lower end of town to depend on you as a jeweler when they know the old lady has trouble getting her wash money? How do you think your sign, "John Jones, Reliable Jeweler," looks to the assessor when he knows that you swear to $2,000 worth of stock and advertise to him in his evening paper that you have got $10,000 worth?

You reply that it is part of the ordinary run of business to dodge your taxes. I admit it is in the ordinary run of business, but you are not to run an ordinary store in your community. If you are, you had better get out of the business, or the mail order house and department store will eat you up. If you do business that way your word and guarantee will be no better than the department store man's.

How can one retain his pristine luster if he have 25 or 50 jobbers down east who know that he takes cash discounts on bills overdue, just because he knows they dare not kick for fear of losing his business. Or if he makes claims for shortages that do not exist. Or if, when an order in some small detail be not exactly as given, he refuses the whole bunch to get a compromise discount. An otherwise careful man might think that these things do not count for much, but it is surprising how things like these return whence they come, and in the course of a lifetime count largely for or against us in the matter of character.

And now, gentlemen, I am a jeweler the same as yourselves. I suffer from the same complaints as you suffer. I have the same annoyance as you have. I lay awake over the same worries that keep you awake. I have made my remarks emphatic that I might better illustrate my point. But lest some should misinterpret my motive and think I am posing as an evangelist exhorting a gang of horse thieves and bunco steerers to repentance, I desire to say before closing that, considering the opportunity offered for dishonest methods, as compared with other retail lines, the jeweler stands head and shoulders above the average merchant in moral rectitude. Neither do I wish to be considered a pessimist that imagines the whole craft is living on a lower plane to-day than it did in the good old days when he was honored by the nobility and whacked on the back by the sword of knighthood.

Why should not the jeweler be a knight? He has to be an artist, because he caters to man's love of the beautiful. He has to be a merchant to buy and sell goods. He must be a credit man in order to get his money. He is compelled to learn the sciences. He has to be an advertising man in order to let people know he is all of these things. Knighthood, gentlemen, would not fill the bill; he should be raised to a saint.

And now, having tried every detail of your character by the square of integrity, and having the moral courage to stick it out through thick and thin, through profit and loss, you need have no fear to spend your cold cash for advertising purposes, for if backed by this integrity of purpose every cent invested will bring dollars in return.

Make your store as reliable as a national bank. Know all that you pretend to know. Be as honest as you would have people believe you are. Do all that you promise to do. Be all that you would seem to be.

Profit and Loss in Business.

By B. A. Chambeau, in the *Haberdasher.*
(*Continued from issue of Aug. 29.*)

WE cannot altogether prevent leakages, but the inventory system will help materially. A good rule to apply in conducting your business is to never pay cash yourself, nor allow a clerk to, and to insist that all purchases by yourself or a clerk must be made direct from the proprietor or another clerk. At the end of the week, when the salaries are paid, deduct the amount of these sales.

It is well to keep in mind that the rules you establish in the running of your business are intended as much for the proprietor as for the clerks, and if he is indifferent as to the manner in which he observes those rules, he should not criticise his help when they become careless.

By over-buying I do not mean simply buying more than you can easily pay for. I mean buying in anticipation of your requirements for more than a very few months. It is frequently a source of loss, and in many cases means failure.

One of the most successful retail men in this country once said to me: "In buying goods, except those of import, I always proceed just as though I didn't intend to be in business more than a very few months, and buy no more than I can easily turn off in that time. With import goods I have to buy a year's supply at a time, and buy in considerable advance of the season, but I make up for the tying up of my money by pricing these goods all the way from 125 to 250 per cent. over cost."

I believe that it is an incontrovertible fact that more men fail from over-buying than any other mistake in business. We will assume a case:

John Jones buys 10 gross of an article, and by taking such a large amount gets an extra quantity discount of 25 per cent. We will assume that net cost was $200. Now Mr. Jones never has sold, and never could sell more than five gross of that article in a year. During the next two years he manages to dispose of the entire amount. How much has he made?

In gross profits, supposing that he sells at an advance of 40 per cent. over cost, and adding in the $66.67 that he saved on cost, he makes $146.67. In net profits he has made nothing, indeed has lost money. Now someone is going to laugh at that assertion. Please don't until you have attended a little farther, and then you won't.

The average man, or rather, the average business, in which $10,000 is invested, has got to earn 75 per cent. a year in gross profits on every dollar invested before net profits can be computed. As part of Jones' $200 came back during the first year, we will call one year the time for which he had $200 tied up. In order to make 75 per cent. he would have had to make gross profits of $150, whereas he lacked $3.33 of that amount. With an investment of $10,000 and no debts, if Mr. Jones bought all of his goods as he did that $200 lot he would go into bankruptcy inside of three years. But it is presumed that he does not buy all of his goods as foolishly as that, so he scrapes along from year to year.

Now then, if Jones had invested that $200 in small amounts of different articles and turned the money over six times in the two years, he would, if selling at 40 per cent. over the purchase price, make the money earn him 240 per cent. gross, or approximately 90 per cent. net. Besides he would have had six opportunities to save cash discounts. Going a little farther with Jones' $200 investment, suppose the goods he bought had gone out of style or had become badly shelf worn, necessitating a reduction in price?

Don't be misled by quantity discounts. Turn your money over. Five hundred dollars will go as far if handled right as $2,000 invested in long time movers; in fact, it will make you money while the $2,000 may swamp you. Your cash is as much an employe as your clerk. You wouldn't hesitate long, other things being equal, in choosing between a clerk that could sell $100 worth of goods a day and one who could sell only $20 worth.

There are some very interesting problems in business arithmetic, and time spent in working them out in the abstract may save you from bankruptcy when you run up against them in the concrete.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM —PERFECTLY TEMPERED





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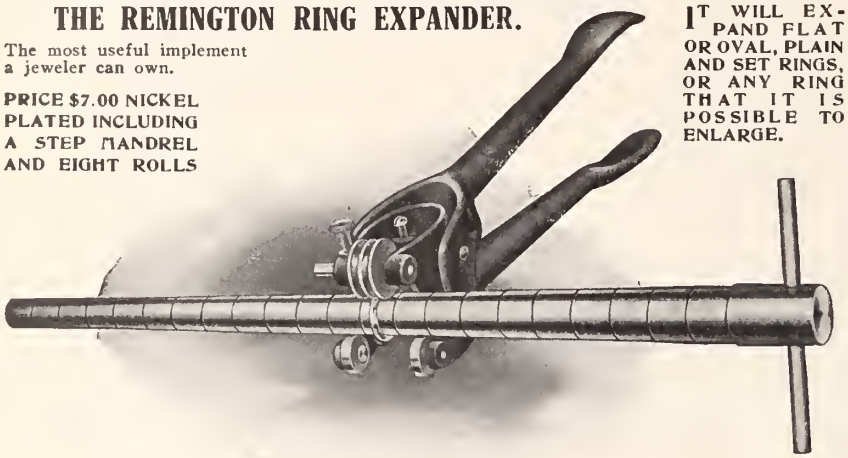
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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1653.—**Metals Deposited on Non-Metallic Substances.**—*You would oblige me very much if you would describe how to deposit gold, silver and copper on non-metallic substances. I am especially interested in depositing on celluloid, horn, combs and ivory articles.* *D. G. S.*

ANSWER:—The following was published a few months ago in the *Metal Industry*, and gives a good formula for this process: For glass, porcelain, pottery, ivory and celluloid, the nitrate of silver solution is used when a complete covered surface is wanted. Lead and silver paint are used for partial ornamentation, the phosphorous solution for lace and flowers. Graphite is successfully used where a deposit on wood, plaster casts and like work is required. The articles to receive the deposit should be thoroughly cleaned. Potash is employed for this purpose in such cases where it will not injure the work. A good strong solution of potassium cyanide is used after the work has been in the potash. The work is then removed and scratch-brushed. If the article is shaped so that it can be filled with sand or shot, so much the better. After the article is filled a cork or plug is used for sealing it, around the edges of which wax should be painted. Before sealing, a wire should be run through the cork. It should be secured on the inside, leaving about 12 inches on the outside; keep the work in clean water until ready to use. It should then be suspended from the rod, having a basin underneath to catch the solution as it is poured over the work, until a coating has been formed. This will take about 10 minutes. When this is done, a wire must be connected to the wire which has been run through the cork and allowed to rest lightly upon the surface of the object which is to receive the deposit. Do not touch the work with the hands. A very slow striking solution is then used, after which the article is at once put into the regular plating bath. The solution is made as follows: Dissolve ½ ounce of nitrate of silver in ½ pint of water and keep it in a bottle marked "No. 1." Dissolve four sticks of pure caustic potash (equal to about two ounces) in ½ pint of water. Keep it separate. Label this "No. 2." Dissolve eight ounces of grape sugar in 16 ounces of water, and when dissolved add one ounce of pure tartaric acid and ¼ ounce of absolute alcohol. This forms solution "No. 3." Take equal parts of solutions 1 and 2 and mix them together well; then add a sufficient quantity of ammonia to precipitate the silver. Shake well and add one-third quantity of the other solution already mixed. The solution is now ready for use and is poured on the work as described before. Another method for depositing gold or silver used in fine art work is as follows: Neutral platinum chloride is triturated with enough lavender oil so as to form an easy flowing syrup. Of this preparation a scarcely perceptible film is applied by means of a small brush to the article to be ornamented. When dry the article is heated in a muffle to a dark red heat. At this temperature the essential oil volatilizes partially, while another portion is decomposed and reduces the platinum chloride to metallic platinum. The result is a coating of metal which has a finely polished surface. When cold the article is immediately immersed in a solution of nitric acid, which does not attack the platinum, but removes all impurities that might make the surface dull. Wash in clean water and connect with a wire to receive the deposit. A cheaper method used at the present time is by employing a paint composed of lead and silver mixed with oil of lavender. This paint can be bought ready mixed on the market, but can be made easily by taking five ounces of fine silver and dissolving in equal parts of nitric acid and hot water. When all is dissolved, precipitate with salt, adding enough to throw down all the silver contained in the solution. Wash thoroughly to remove all acid, and then add enough sulphuric acid to saturate the chloride thoroughly. Then insert pieces of sheet iron about half an inch apart, all through the chloride. Allow it to stand over night. The action of the acid on the iron will change the white chloride to a gray metallic powdered silver. Then remove what pieces of iron remain and wash in several waters to get rid of all acid, and finally dry. Take parts of the above silver powder and one part of borate of lead. Mix both with lavender oil, using enough to make an easy flowing paint. Paint over evenly and not too thick. When finished, allow the article to dry thoroughly, and it is then ready for baking, which is done in a muffler. After this it is scratch-brushed, wired and the deposit put on.

QUESTION No. 1654.—**Indelible Blue Ink.**—*Kindly give me recipe to make an indelible blue ink, suitable for marking bags and napkins for silverware.* *I. B. I.*

ANSWER:—An indelible blue ink said to resist not only water and oil, but alcohol, oxalic acid, alkalis and chlorides, is prepared by means of 4 parts shellac, 2 parts borax, 2 parts gum arabic, and sufficient indigo to give the desired color. The whole is dissolved in 40 parts of pure water.

Commence by putting the shellac and the borax in only 36 parts of the water in a closed receptacle and boiling until completely dissolved. Filter. Then dissolve the gum arabic in the remainder of the water. Mix the two solutions and heat for five minutes, stirring from time to time. Add the indigo after the liquid is cool. When the preparation has settled for a few hours, decant in order to separate the ink from the sediment.

QUESTION No. 1655.—**Denaturized Alcohol.**—*Will not the denaturizing of grain alcohol, as proposed by the new law just passed by Congress, make it unfit for use in many of the arts? For instance, a formula for certain uses may not be affected by the presence of the denaturizer, but for use in another formula the very presence of the denaturizer might make it unfit for certain uses. How is this to be regulated and what is to be used as the "denaturizer?"* *D. & A.*

ANSWER:—It is understood that a committee will be appointed that will visit Europe to study the different methods employed in France, Germany and England. The denaturizing has been left open and will probably be regulated by the United States officials. It will be necessary to have different chemicals as denaturizers to overcome the difficulty mentioned in the above question. It will require very little addition to grain alcohol to make it unfit for drinking purposes—the adding of a small per cent. of wood alcohol, or a little distilled bone oil or coal tar, or a small portion of benzole. There will be no difficulty in getting a denaturizer that will be suitable for all formulæ.

Gold Lacquer Formulae for Metals.

No. 1.

POWDER seven parts shellac fine. Pour gradually into 35 parts heated turpentine oil. Stir continuously, and add four parts finely ground aloes and four parts fine powdered gum sandarac. Keep heated till dissolved and thoroughly mixed.

No. 2.

Dissolve 20 parts shellac in 180 parts alcohol; add one part boric acid. Of picric acid use enough to bring to the color required.

No. 3.

Dissolve in 170 parts alcohol the following: Gum sandarac, 18 parts; stick lac, four parts; gum copal, seven parts; ground turmeric, one part; gamboge, two parts.

No. 4.

Dissolve the following ingredients in 340 parts alcohol: Gum sandarac, eight parts; gum mastic, 12 parts; elemi, three parts; shellac, 12 parts; gamboge, 16 parts; sandalwood, eight parts; dragon's blood, (powdered), three parts; Venetian turpentine, six parts.

No. 5.

In 630 parts alcohol dissolve 330 parts grain lac, 40 parts dragon's blood and three parts catechu.

The work of renovating the store of Hopkins & Witty, Dubuque, Ia., was recently hampered considerably by the refusal of union carpenters to work with non-union cabinet makers. The concern finally solved the difficulty by hiring all non-union men to do the carpenter work.



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Ancient Greek Pottery.

THE potter's wheel is represented in several monuments. It is the simple instrument that has lasted up to our days, being lately replaced by perfected machinery, says M. Edmond Pottier, a Louvre Museum curator, in *L'Art Pour Tous*. It is composed of a platter turning on a vertical axis, and set in motion by hand. It is that seen in Egyptian frescoes of the middle empire. It was used in Greece and on the islands since the Mycenæan period. Probably it did not get to Italy till the advent of the Etruscans.

A slightly improved wheel is composed of two horizontal platters united by a vertical axis. The superior disk carries the argil (potter's clay) to be modeled, the inferior disk is put into motion by foot or by hand. The turning is done by the left hand working the paste while the right hand polishes the exterior and manoeuvres the platter. A wooden utensil is used that is applied to the *pate* to give it the form desired. The handles are made separately in hollow moulds, and afterwards are adjusted to the body. These operations are simple, but require long apprenticeship to give ability to the hand. It takes several months of regular work to form an apprentice who can make the simplest of productions. Certain antique vases, especially some drinking vessels, are of a solidity of architecture and a lightness of appearance defying all comparison.

The method of attaching the handle apparently with a single slope back in such a manner that the line continues without a projection, in one harmonious curve, is manipulative talent few ceramists are capable of. It is not necessary to imagine all ancient pieces are marvels of success. There are many moderate, and the masterpieces are in the minority.

The pieces of unusual size could not be turned out in a single piece; for example, certain vases of Dipylon. Horizontal slices of the vessel were executed separately and superposed, and then jointed with moist argile. In the *Treatise* by Brongniart one sees how in Spain jars up to four meters high were constructed.

In the making of drinking vessels one notices something we have never yet found satisfactory explanation for. The subject is not always in the axis of the handles. It would seem natural that, the potter having furnished the artist with the vase all ready to be decorated, the latter would take the structure of the vase into account and be guided by the line of the handles in disposing of his interior subject. Yet one often sees the handles taking an altogether oblique line, not perpendicular, to the painting. Naturally on the reverse side no irregularity is possible; the attachment of the handles always determines the location of the two subjects. Why, in the interior, has not the artist taken the pains to be in accord with the handles? Is this a sort of dissymetry which pleased the eyes of the Greeks? Is it negligence? The questions remain to be studied.

The evolution in forms would merit a special examination that has never been done fundamentally. One sees there the incessant mobility of the ceramic art. Since the Mycenæan epoch to the time of Alexander the Great, for generations on generations, the structures were constantly modified. One can follow for example the history of the drinking vessel from the pretty chalice with a foot, of the Cretans and Mycenæans, to the big, heavy dish with handles of the Apulians. It is instructive to notice how the œnochoe passes from a little vessel of one handle to the beautiful vase of the Rhodians to the olpes of the Ionians and Corinthians to the pitchers of Nicosthenes and at last to the elegant ewers of the Campanians. It is an indefatigable study of curves and graceful sweeps, of spouts, handles, feet, always formed during the beautiful art epochs upon the practical destination of the vase. It is this which induced moderns to adopt different names to designate that which at base is the same form of pottery; the so-called *stamnos* and *oxybathon* are simple variations of craters; the olpe is an oenochoe; the pelike is a derivative of the amphora. These denominations are conventional and of recent creation. One should use them only with precaution, or better avoid them, for they cause sometimes regrettable confusion. For example, the *Prachtamphora* of the Germans designates a form that was created from the voluted crater of the sixth century and not from an amphora. The oxybathon was in reality a very small vase, a vinegar cruet bottle, and here we have a great container, etc. Panofka and Gerhard have thus put in circulation names that do not correspond at all to the sense lent them by the ancients.

I would add that the proportions of the vases, the relation between the measurements of the different parts of pottery, appear to have been by the Greeks the object of minute and delicate research. From the same studio one finds drinking vessels produced to resemble one another in appearance that have not the slightest shade of difference in their structure.

We shall discover perhaps, if the study of the question is gone into sufficiently deep, that a system of measurement existed similar to that in statuary. In fact, we have found that the origin of the vase is not separate from the figurine; up to the classic epoch it remained intimate with the human structure. As M. Froehner has demonstrated in an ingenious article we ourselves say the foot, the neck, the body, the lip of a vase, assimilating pottery with a human being.

Therefore, what more natural than to submit to a kind of plastic canon, modifying according to the times, resting on rules both simple and logical? I have already stated that the author of the vase of Cleomens has observed the rule common to most potteries of this kind in giving a height to the object exactly equal to its breadth. M. Reichhold remarks also of an amphora attributed to Enthymides that the circumference of the body is just double the height of the vase. I believe attentive examination of the subject will lead to interesting discoveries on what one might call the "geometry" of Greek ceramics.

Glassware in Egypt.

THE Bulletin of the French Chamber of Commerce at Alexandria, Egypt, reports a rapid increase in the imports into that country of glass ware. The value of that imported in 1905 amounted to $700,000, as compared with $200,000 in 1892. This increase is said to be due to the influx of Europeans into the country, and also to the general improvement of conditions of life among the natives, who were formerly contented with earthen ware table utensils, but are now large purchasers of glass ware.

Lemonade bottles, with marble stoppers, are imported largely from the United Kingdom, and are delivered in Alexandria, Egypt, at from $4.50 to $5 a gross. Glass bracelets are largely worn by the native women. One-fourth of the glass lamps imported come from Germany, the remainder mainly from Bohemia.

The Wright-Rich Cut Glass Co., Anderson, Ind., was the subject of a column article published recently in a local paper. The writer described the plant, which is said to be thoroughly equipped. The working force, it is said, includes some of the most skilful cutters brought to Anderson from New York, Philadelphia and other points. The manager and designer is L. E. Wissner, formerly of New York. To facilitate the introduction of the product to the public exhibitions were given in Indianapolis and other cities soon after the works were started.

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TO ABOLISH DUTY ON WORKS OF ART.

THE American Free Art League, with headquarters at 50 State St., Boston, Mass., are actively engaged in a movement for the abolition of duty on works of art, and in this is soliciting not only the aid of artists and lovers of art but of those who are interested in the subject commercially through handling distinctively artistic products. The League has recently been circularizing a large number of editors, merchants and professional men, asking their aid in the fight, calling attention to the fact that in no other civilized country are taxes imposed on art as a luxury. While in this country art was put on the free list by the Tariff Act of 1894, the present duty of 20 per cent. was imposed by the Tariff Act of 1897. All the important artists of the country favor the repealing of the present law, which they do not consider a protection but a menace to their profession, and among others who have favored the amendment was the late President McKinley, the late President Harrison and the late President Arthur, ex-President Cleveland, former Vice-President Morton, the late J. G. Blaine, the late John Hay, the late Senator Hoar and the late Senator Vest, while the present supporters include Cardinal Gibbons, Jos. H. Choate, Chas. D. Warner and a host of others equally prominent. Byron Lathrop, of Chicago, is president of the American Free Art League, and Robert DeForest, of the Metropolitan Museum of Art, is chairman of the executive committee.

*

CUCKOO CLOCKS IN MANY STYLES.

THE American Cuckoo Clock Co., of Philadelphia, Pa., recently mailed the trade a beautiful and complete catalogue of 36 pages. The clocks illustrated in this handsome booklet are in the latest designs and many of them have never before been shown to the trade. Louis A. Breitinger, president of the company, recently returned from the Black Forest and other European centers, famous for the manufacture of novelties in carved timepieces, where he made arrangements to handle the entire output of several small plants, and bought outright a site upon which a modern factory will be built, devoted exclusively to the production of the finest and most improved cuckoo clocks that can be constructed. Many of these new creations are shown in the recent catalogue, together with illustrations of Black Forest clocks that are often in demand to fit up antique hall clock cases, and an assortment of mission clocks, standing over six feet in height. Taken as a whole, the booklet is an artistic and well-written pamphlet, that can be used as a handy book of reference by the trade in general.

*

A new line of china from the Gustafsberg factory, near Stockholm, Sweden, is being exhibited by J. H. Venon, 43 W. 4th St., New York, who passed a part of the Summer at the works for the purpose of selecting designs for the American trade.

*

F. W. Jenkins & Co., 25 West Broadway, New York, are now representing the Royal Crown Derby Porcelain Co., Ltd., in addition to Avenir china. Samples of the new line are now to be seen in the salesrooms.

THE RAMBLER.

Reappraisements of Decorated China and Glass Ware.

REAPPRAISEMENTS of decorated china and glass ware were, last week, announced by the Board of United States General Appraisers as follows:

BROWN GLASS WARE.—From Adolf A. Helzel, Bodenbach, exported April 30, 1906, entered at New York. File N. 40385. Findings of Sharretts, G. A. Goblets, 10/150, entered at 3, advanced to 3.34 crowns per dozen; cocktails, 190/150, entered at 2, advanced to 2.20 crowns per dozen; tumblers, 34/150, entered at 1.20, advanced to 1.40 crowns per dozen; do., 150/150, entered at 1.50, advanced to 1.70 crown per dozen; Ponce coffee, 248/150, entered at 1.30, advanced to 1.50 crown per dozen; champignes, 17 150, entered at 3, advanced to 3.30 crowns per dozen; wines, 13/150, entered at 1.70, advanced to 1.90 crown per dozen; finger bowls, 38/150, entered at 2.90, advanced to 3.10 crowns per dozen, and similar goods. Discounts, 10 per cent. and 5 per cent. Add cases. Packing included.

BLOWN AND DECORATED GLASS WARE.—From Glasfabrik Meierhofen, Karlsbad; exported Feb. 24, 1906; entered at New York. File No. 40198/99. Findings of Sharretts, G. A. Wasser weiss rose, 7008, entered at 6.55, advanced to 8 crowns each; champagnes do., 7009, entered at 8.70, advanced to 10.50 crowns each; fingerschalen, 7012, and teller, 7013, do., entered at 8.70, advanced to 10.50 crowns each; tassen, 7017/, entered at 5.35, advanced to 6.50 crowns each; porter weiss, gold band, No. 1, entered at 1.20, advanced to 1.50 crown each; Bordeaux do., 3, entered at 1, advanced to 1.25 crown each; champagne, 9 fingerschalen 12 and teller 13, do., entered at 1.20, advanced to 1.50 crown each; eissservice, 13, pcs. weiss vergoldet 1013 III/VIII, entered at 13.67, advanced to 19 crowns per service; vase violettin D 7314, 6802 IV, entered at 10.70, advanced to 13.50 crowns each; do., green, 6523 IV, entered at 8, advanced to 10 crowns each, and similar goods. Less 5 per cent., 5 per cent. and 2½ per cent. Add case and packing.

BLOWN GLASS WARE.—From Adolf A. Helzel, Haida, exported Feb. 23, 1906, entered at Boston. File No. 39400. Findings of Sharretts, G. A. Lemonades R2303, entered at 19 crowns per gross; do., R2311, entered at 15.60 crowns per gross. Discount, 10 per cent. and 5 per cent. Add case. No advance. Packing included.

PLAIN AND DECORATED EARTHEN WARE.—From Tresseman & Vogt and Gustave Vogt, Limoges, exported July 29 and Oct. 4, 1905, entered at Chicago; findings of De Vries, G. A.: Vrocs Alexandra, extra, 609, entered at 2.25 francs each; do., Regina, 662, entered at 1.75 francs each; Tasses Saxonia, extra, 127, entered at 6 francs per dozen; do., 128, entered at 4.50 francs per dozen; do., cafe jour, 131, entered at 3.60 francs per dozen; assorted pl. coupe festons, 17 c. m., 283, entered at 3.75 francs per dozen; discount, 5 per cent.; Bros Leoville, 1, 220, entered at 3.50 francs each; salads, Century, 2 a pied, 490, entered at 1.90 francs each; plats a gateaux coupe festoons, 226, entered at .90 franc each; Bols mayonnaise plat anances, 410, entered at 1.50 francs each; discount, 15 per cent. Plats olives, ananses, festoons seconds, 270, entered at .55 franc each; compotiers ronds Marguerite, 21 c. m., 376 seconds; entered at 1 franc each. Brocs Panique, 6, seconds, 353, entered at 2.25 francs each. Discount, 20 per cent. And similar goods. Add cases. All no advance. Further discount on all 5 per cent.

EARTHEN WARE.—From John Maddock & Sons, Burslem, exported Jan. 13 and March 24, 1906, entered at Los Angeles; findings of De Vries, G. A.: Gadroon white, unselected, entered at discounts of 57½ per cent., 5 per cent. and 5 per cent. Advanced by making discount 52½ per cent., 5 per cent. and 5 per cent. Flow Green, printed thirds, entered at discounts of 60 per cent., 5 per cent. and 5 per cent.; painted thirds, entered at discounts of 62½ per cent., 5 per cent. and 5 per cent. Both advanced by making discounts 55 per cent., 5 per cent. and 5 per cent. Add casks and straw.

PLAIN AND DECORATED EARTHEN WARE.—From Tresseman & Vogt and Gustave Vogt, Limoges, exported July 29 and Oct. 4, 1905, entered at Chicago (File Nos. 37175 and 37666); findings of De Vries, G. A.: Vrocs Alexandra, extra, 609, entered at 2.25 francs each; do., Regina, 662, entered at 1.75 francs each; Tasses Saxonia, extra, 127, entered at 6 francs per dozen; do., the 128, entered at 4.50 francs per dozen; do., cafe jour, 131, entered at 3.60 francs per dozen; assorted pl. coupe festoons, 17 c. m., 283, entered at 3.75 francs per dozen. Discount, 5 per cent. Brocs Leoville, 1, 220, entered at 3.50 francs each; salads, Century, 2, a pied, 490, entered at 1.90 francs each; plats a gateaux coupe festoons, 226, entered at .90 franc each; bols mayonnaise plat ananses, 410, entered at 1.50 francs each. Discount, 15 per cent. Plats olives ananses restoons, seconds, 270, entered at .55 franc each; compotiers ronds Marguerite, 21 c. m., 376, seconds, entered at 1 franc each; Brocs Parique, 6, seconds, 353, entered at 2.25 francs each. Discount, 20 per cent. And similar goods. Add cases. All no advance. Further discount on all, 5 per cent.

EARTHEN WARE.—From John Maddock & Sons, Burslem, exported Jan. 13 and March 24, 1906, entered at Los Angeles (File Nos. 39572 and 40555); findings of De Vries, G. A.: Gadroon white, unselected, entered at discounts of 57½ per cent., 5 per cent. and 5 per cent. Advanced by making discounts 52½ per cent., 5 per cent. and 5 per cent. Flow green printed thirds, entered at discounts of 60 per cent., 5 per cent. and 5 per cent.; painted thirds, entered at discounts of 62½ per cent., 5 per cent. and 5 per cent. Both advanced by making discounts 55 per cent., 5 per cent. and 5 per cent. Add casks and straw.

DECORATED CHINA.—From Gladston & Barry, Paris, exported March 15, 1906, entered at Philadelphia (File No. 39992); findings of De Vries, G. A.: Dinner set, 100 pieces, white edge composed, entered at 32.55, advanced to 38.55 francs per set; flat plates, 15 c. m., do., entered at 2, advanced to 2.50 francs per dozen; dinner set, 100 pieces, part strippled gold, composed, entered at 37.30, advanced to 43.16 francs per set; No. 5355-1, dinner set, 100 pieces, white edge, composed, 5359-11, entered at 37.65, advanced to 38.50 francs per set; do., part strippled gold, entered at 42.40, advanced to 43.16 francs per set. And similar goods. Add packing.

Spanish Firm Wants Jewelry Catalogues.

A SPANISH firm has written to an American Consul to the effect that it desires to be put in correspondence with a jewelry importing house in the United States, and would like to receive catalogues and price lists of various wares. The concern states that important business will develop with the carrying on of proposed commercial arrangements between the United States and Spain. The name of the concern desiring the catalogues can be had from the Bureau of Manufactures, Washington, D. C.

Jewelers wishing the information should refer to the file number of the inquiry, which is 298.

Breslavsky Bros. recently sold out their business at 654 Broadway, Brooklyn, to Louis Bloom.

C. W. Primrose has succeeded to the business of the Primrose Jewelry & Music Co., Grand Junction, Colo.



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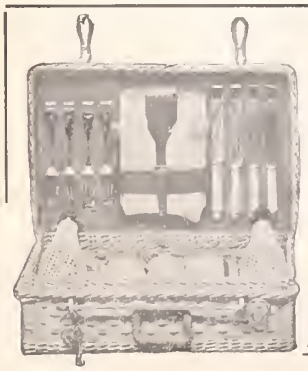
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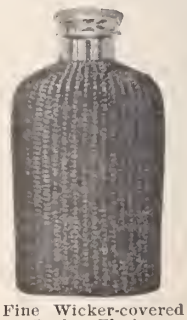
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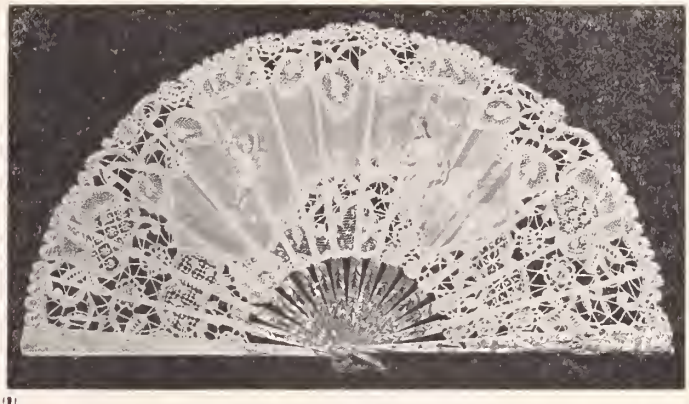
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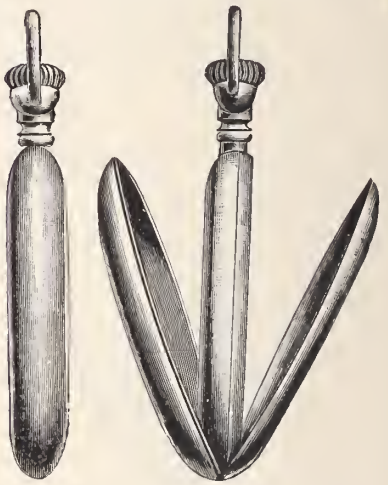
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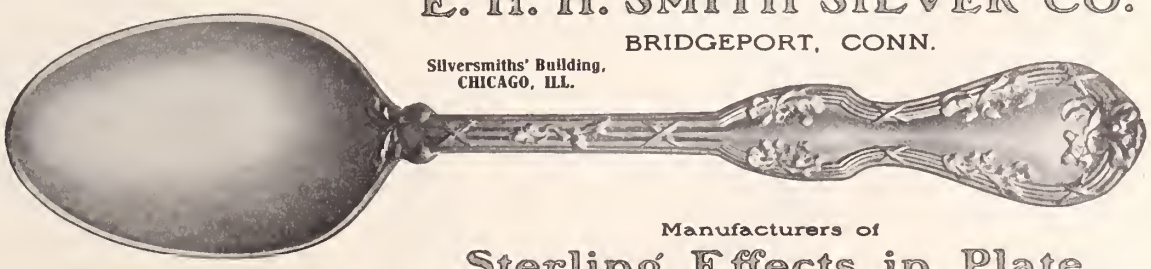
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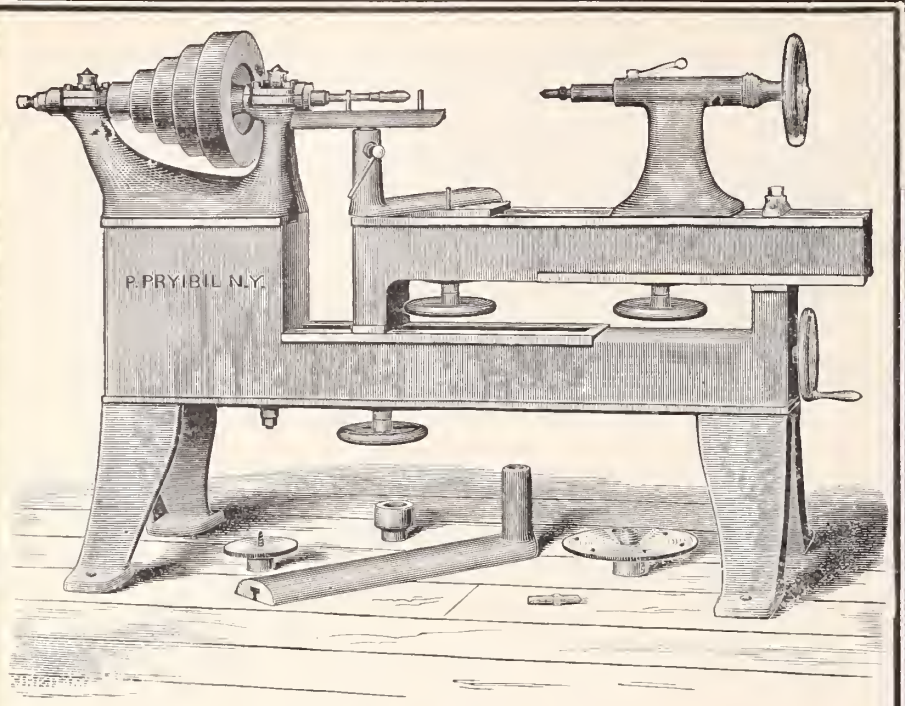


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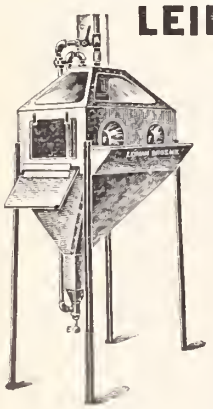
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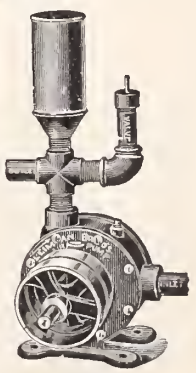
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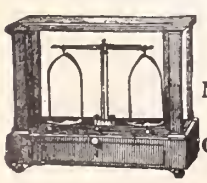
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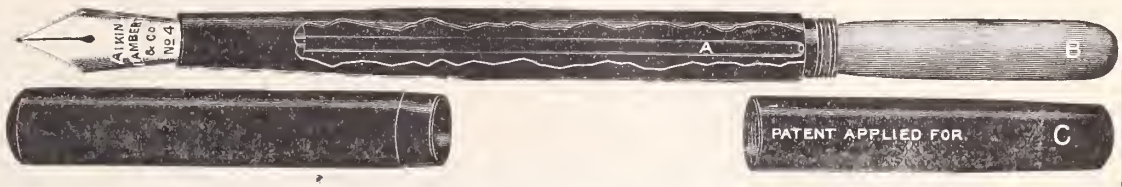
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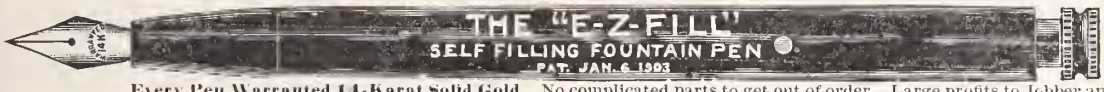
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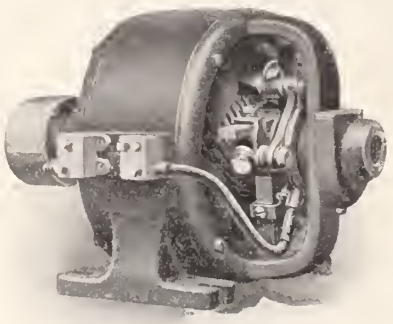
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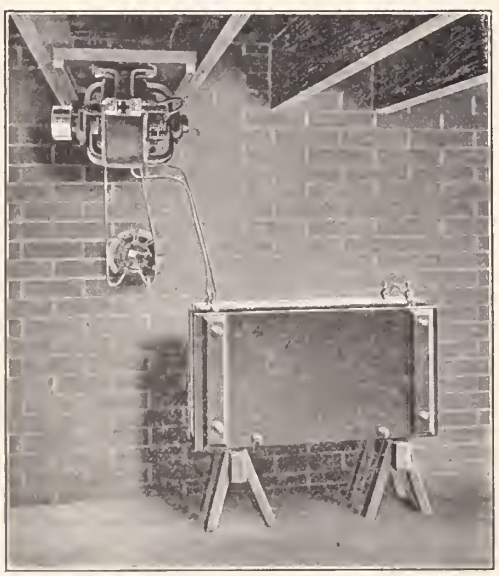
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38th Year. WEDNESDAY, SEPTEMBER 12, 1906. Vol. LIII. No. 6.



Prize Awarded to Winner of Herkomer Automobile Race in Bavaria.

(*See Text on Page* 45.)

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We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

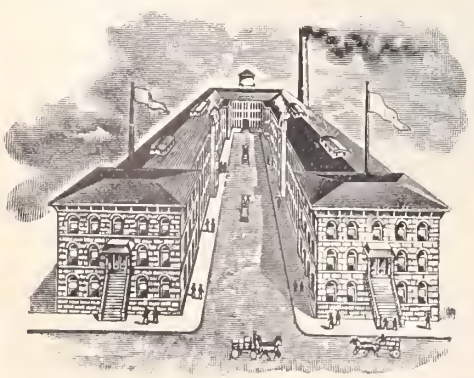
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



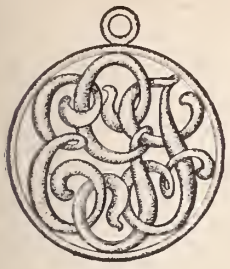
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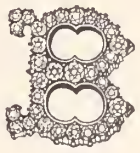

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No. 13.


No. 317.


No. 306.


No. 196.

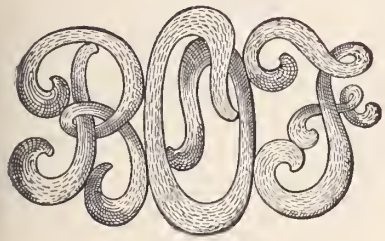

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No. 318.


No. 209.


No. 322.


No. 208.


No. 316.


No. 321.


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Wendell & Company

MAKE

GOLD MONOGRAM CHARMS, FOBS, SLIDES, BROOCHES AND RINGS.

SILVER MONOGRAMS for BROOCHES, BELT ORNAMENTS and CLASPS; also for LEATHER BAGS, PORTFOLIOS, MUSIC ROLLS AND ALL KINDS OF EBONY, IVORY AND TORTOISE SHELL GOODS.

ALL ORDERS PROMPTLY EXECUTED.

103 and 105 WILLIAM STREET NEW YORK } 2 FACTORIES: { 57 WASHINGTON STREET CHICAGO

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

"A QUARTER OF A CENTURY."

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

PRICE BASED ON ACTUAL VALUE.

THESE FOUR POINTS mark the course of the WADSWORTH

"PILOT"
25-YEAR CASE

which sells North, South, East and West, true to the compass of trade demand.

To handle this Case is "easy sailing;" not to handle it is to be left behind.

***The* Wadsworth Watch Case Co.**
49 Maiden Lane, NEW YORK.

CHICAGO: Columbus Building.
SAN FRANCISCO: 717 Market St.
FACTORY, DAYTON, KY.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

NEW DECORATIONS IN ATTRACTIVE MODELS.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

BEST SATISFIES THE POPULAR DEMAND.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.

NOW READY FOR DELIVERY.



THE NEW BUNN.

OPEN FACE. LEVER SETTING.

The highest grade 17 jewel 18 size movement on the market.

Adjusted to temperature isochronism and six positions, 17 ruby jewels, steel escape wheel, double roller escapement, patent regulator, double sunk dial.

Especially constructed for Railway service.

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed
Patented, June 26, 1906

DIRECTIONS

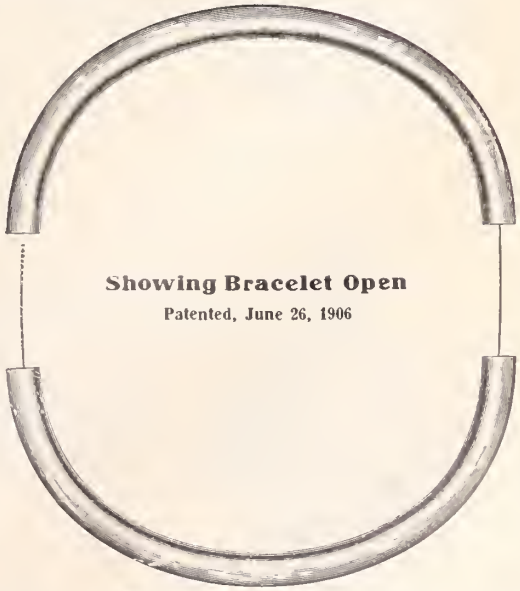
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open
Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden



**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.







Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaranteed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

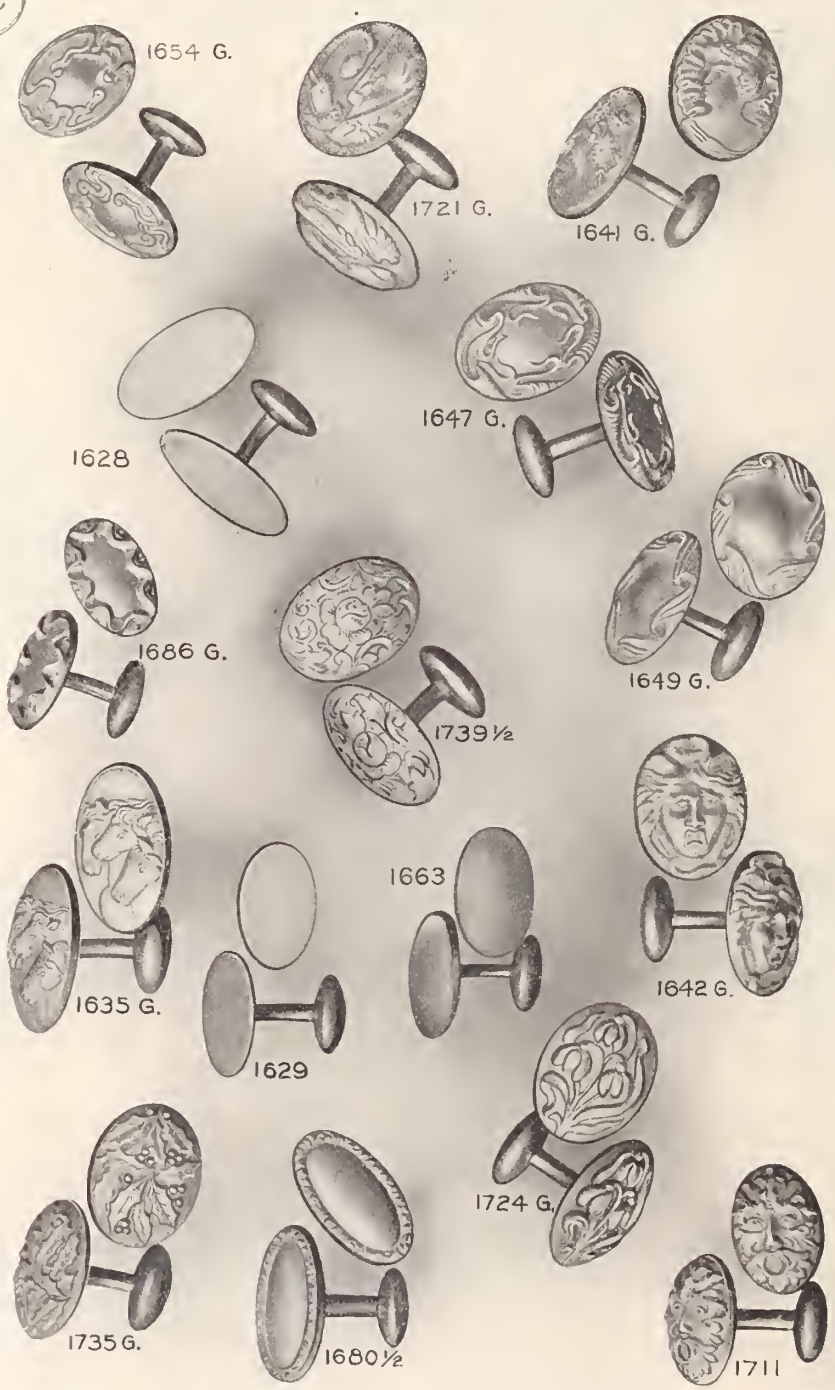
Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

A 10K. Line that is 10K.



MANUFACTURERS OF

Fine Gold Jewelry, Rings, Brooches, Cuff Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains Crosses, Lorgnette Chains, etc.

We make the largest, most varied line of CUFF BUTTONS shown to the retail trade, also LOCKETS, SCARF PINS, RINGS, BROOCHES, CROSSES, FOBS, NECK CHAINS, LORGNETTE CHAINS, etc., etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

Factory—8 Lum St., Newark, N. J.

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS.

P&M

Always in Red.

JOSH W. MAYER.

FALL NOTICE.

VISITORS coming to this city during the months of September and October are cordially invited to view some of the new productions to be found in our offices at most any time. There is not a single day when our factory, which is on the premises, does not increase our stock with new and magnificent productions; therefore if you call you will see, daily, pieces out of the ordinary, also a line of the plain commercial goods.

Some of our stocks are now on the road, and should you be unable to visit New York this season, do not fail to avail yourself of the opportunity to look through our magnificent Fall line when our representative visits your city. You will find this stock most interesting and far superior to anything now on the market, from the point of excellence, original designs, quantity, quality and exceptional prices.

If you have calls for something in the Diamond line that your stock does not contain, remember that our stock has just such articles.

POWERS and MAYER,

Makers of Diamond Mounted Jewelry THAT SELLS.

258-260 Fifth Avenue,

NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

THE ACID TEST

REVEALS THE MERITS OF

W. & S. B. ★ CHAINS



Old Reliable W. & S. B. ★ 1/10 chains, and Globe Filled W. & S. B. ★ 1/8 chains are made of heavy seamless gold filled stock and are soldered with gold solder. The acid test demonstrates their merits. They are recognized as the standard gold filled chains.

Every Retail Jeweler gets a premium who buys 40 or more W. & S. B. ★ Chains before January 1st, 1907.

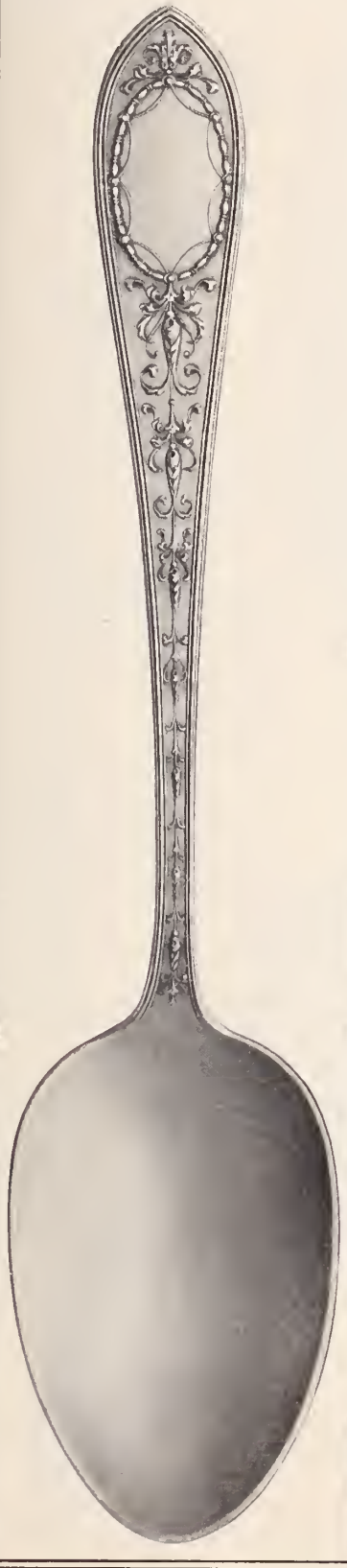
W. & S. BLACKINTON CO.

MANUFACTURERS

New York, 14 Maiden Lane. **Factory, North Attleboro, Mass.**

A selection package will be sent through any Jobber on request.

The Adam Pattern



AN ORIGINAL NOVELTY IN FLATWARE.

THE WHITING COMPANY take pleasure in confidently directing the attention of the Jewelry Trade to the prepossessing qualities of their radically new departure in flatware design, now introduced as the Adam pattern.

RECOGNIZING the insistent demand for a line of table silverware that shall fitly harmonize with the increasingly popular Adam Furniture and Decoration, the Company have originated a pattern designed in accord with the principles formulated by those celebrated Eighteenth Century architects, the brothers Robert and James Adam.

A FURTHER claim to consideration may be advanced on its behalf: The elegance of its form and the delicacy of its low relief ornamentation, emphasized by the simplicity of the back, unadorned save by the characteristic "swedge," combine to ensure its welcome by all people of taste and refinement.

A COMPLETE line of the Adam pattern, including Individual and Serving Pieces, is offered and ready for delivery Sept. 1st.

The Whiting Mfg. Co.

SILVERSMITHS

Broadway and 19th Street
New York

TRADE  MARK

STERLING.

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

Strikingly Original Examples of Hand Engraved Sterling Ware in Substantial Weight



One of the three new patterns that we have originated for this season. :: :: The intimate and successful union of the most thorough workmanship, the finest finish and the most individual artistic distinction. :: :: Our plain pattern is meeting with as much success as the above hand engraved design.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases Baskets Shirred Wrist Bags Photo Frames Jewel Cases Sterling Novelties
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

SILVERSMITHS *Established 1861*

Sales Office, 3 Maiden Lane, New York FACTORY, NORTH ATTLEBORO, MASS.

The Marlborough

Design Patented Illustrations Exact Size

The Newest Reed & Barton Sterling Pattern, here shown for the first time.
A design of character and dignity, which has met instant
favor with the trade.



TRADE MARK
STERLING

Illustrations and prices of these and other designs, both Sterling and Plate, furnished to the recognized Jewelry Trade.

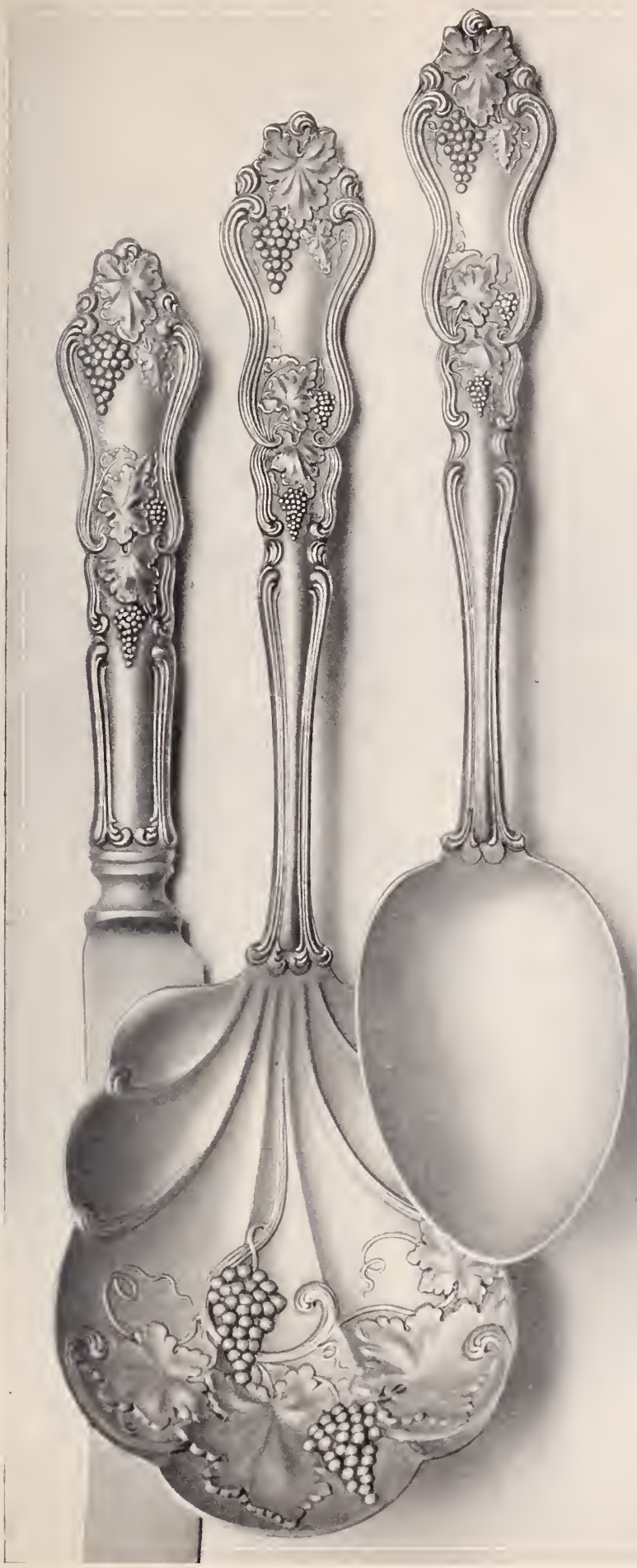
REED & BARTON, Silversmiths

ESTABLISHED 1824

THE OLDEST MAKERS OF SILVERWARE OF REPUTE IN AMERICA

REPRESENTED AT— 320 Fifth Avenue, New York
6 Maiden Lane, New York
103 State Street, Chicago
296 Second Avenue, San Francisco

OFFICES AND FACTORIES
TAUNTON, MASS.



WORLD BRAND SILVER

THE manufacturers of World Brand Silver take pleasure in submitting for your inspection a reproduction of their new design which will be known as the "Moselle" pattern. ¶ Into the creation of these beautiful pieces of "silver art" we have put the work and study of many months. The result, we feel, is worthy of the reputation for quality, which World Brand Silver has always held.

Let us send you our trade catalogue, illustrating and pricing our entire line.

American Silver Company

Factory: BRISTOL, CONN.

New York
46 West Broadway

Chicago
Silversmiths Bldg.

¶ Are you satisfied with the cut glass you are selling? Are your customers satisfied?

¶ Our constant endeavor is to produce the kind that does satisfy—the kind that pleases with its beauty and continues to please, because it is thoroughly artistic in design and honest in workmanship.

¶ All we ask is that you call at our warerooms and inspect our Cut Glass, Sterling Silver and Silver Plated Ware. If such inspection does not convince you that we have the satisfactory kind of goods, we don't care to have you buy.

¶ But whether you buy or not, feel free to make our warerooms your headquarters while in New York City.

INTERNATIONAL SILVER CO.

9-11-13 Maiden Lane, NEW YORK

FACTORIES

THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
THE WATROUS MFG. CO.
THE MERIDEN CUT GLASS CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
MERIDEN BRITANNIA CO.
SIMPSON, HALL, MILLER & CO.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.

EGLANTINE

No. C. 526.

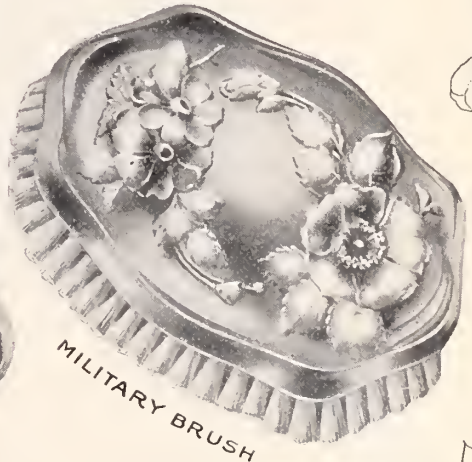


LONG HANDLE MIRROR



COMB

OUR RESOURCES FOR BEAUTY IN TOILET WARE ARE UNLIMITED



MILITARY BRUSH



HAIR BRUSH



CLOTH BRUSH

Simpson, Hall, Miller & Co.

International Silver Co., Successor.

Wallingford, Conn., U.S.A.

NEW YORK
CHICAGO

TRADE MARK Sterling

SAN FRANCISCO
TORONTO

SILVERSMITHS *to the* AMERICAN PEOPLE

ILLUSTRATIONS ONE-HALF SIZE



The Retailer's Harvest is directly in front of him. His success as regards sales depends upon the completeness of his stock. A comprehensive HB RING line is essential to the success of any Jewelry campaign. HEINTZ RINGS sell—and that's the important point to consider.

HEINTZ BROTHERS

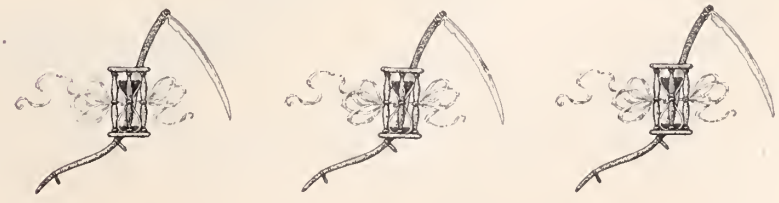
BUFFALO, NEW YORK

UNDOUBTED worth, exceptionally high quality of design, a splendid reputation for absolute dependability and an unequivocal guarantee of satisfaction;
—these are a few of the counts in favor of Simmons Chains.

They are some of the factors that have made Simmons Chains as staple and standard as the best-known makes of watches or of silverware—the kind of goods that the better class of trade wants, and the sort that pays the jeweler best in the long run.

If your line of Simmons Chains is not full and complete in assortment, why hesitate to make it so at once?

R. F. SIMMONS CO., MAIN OFFICE AND WORKS ATTLEBORO, MASS.
Salesrooms, 9-13 Maiden Lane, New York; 42 Madison Street (Heyworth Bldg.), Chicago





No. 1140.

If It Burns Alcohol We Make It

One of our Many New Styles

in Chafing Dishes for this season is shown in this illustration. Numerous other styles, in a wide variety of designs, that appeal to people of select taste, are shown in Copper, Nickel-plate or Silver-plate.

Our new catalogue No. 21 will be sent on request.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Fancy Teakettles, Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane



Georgian Pitcher.

SMITH SILVERWARE has reached that state of perfection both as regards individuality of design and excellence of finish that it is now recognized by intelligent buyers —men who know silverware—as pre-eminently superior to other makes. The selection of Hollowware productions is the first important move toward the success of the silver campaign. The "Georgian" pattern, illustration of water pitcher which is shown herewith, is one of the standard designs of this company. This is made in complete dinner service.

Frank W. Smith Co.

GARDNER, MASS.

Manufacturers of Sterling Silverware



Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE, 12-14 JOHN ST.

CHICAGO OFFICE, 103 STATE ST.

FACTORY, NEWARK, N. J.

ROBERT 10Kt LEVY
THE NAME THAT STANDS FOR QUALITY

Catchy ads. are good to read
Catchy jewelry is good to sell

Our LOCKETS
BUTTONS
BROOCHES
PENKNIVES
CIGAR CUTTERS
MATCH BOXES
BRACELETS
FOBS
BEAD NECKS
HEART CHARMS
SCARF PINS
TIE CLASPS, Etc.

are the catchiest of the catchy.

Designs exclusive; workmanship par excellence.

Send for selection package and compare prices with other 10K. lines.

10K. that is 10K.

ROBT. LEVY, Manufacturing Jeweler
Green and Columbia Sts., Newark, N. J.

Queen of the Corals

Prices that Allure

TO-DAY WITNESSES the strongest demand for superior Coral that has ever been known. The famous Japanese Coral is Nature's crowning product in this line. It—and it alone—satisfies the demand for fine, rare, light-hued Coral. It is the veritable "Pink of Perfection."

The gem-like beauty of this Coral adapts it to much the same uses as many of the gems. See how artistically and effectively it is embodied in the designs of our COMBS, NECKLACES, HAT PINS, BRACELETS, etc. Designs include fine reproductions from old masters of the craft. Colonial Engraved, Italian Campania and a variety of other effects. A rich and varied showing. Prices surprisingly low.

D. Lisner & Co. *Creating Importers of Jewelry Novelties*

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



No. ZN164—Hand carved Pearl in Marguerite design with sterling stem etched to match.

THE LARGEST UMBRELLA MAKERS IN THE WORLD

Follmer, Clogg & Co.

395, 397, 399 BROADWAY, NEW YORK.
1031 Chestnut St., Philadelphia, Pa.
330 Hays St., San Francisco, Cal.
Factory: Lancaster, Pa.

Fine Umbrellas and Handles

Including all the latest foreign novelties especially selected for the jewelry trade. See our immense assortment of distinctive creations for Fall trade.

Our Supply Department
has unsurpassed facilities for furnishing Handles, Bands, Tips, Covers, Name Plates, etc.
Catalogue on request.



No. ZL133.
All Silver Handle, handsomely etched in Rococo design.

ROCKFORD SILVER PLATE COMPANY
ROCKFORD, ILL.

Only Retail Jewelers Can Buy It



Rockford Silver Plate Co. Made It

Watchword of the Craft—"Stand By Those Who Stand By You"



SEPTEMBER

with its cooler weather always brings a greater demand for merchandise of every description, and the jeweler shares with others the increased requirements of the trade. There is only one way that he can take care of the business that belongs to him, and that is to be properly supplied with the requisite amount and variety of stock.

We sell "Sellers," and therefore can assist you very materially. If we are given the opportunity we will show you that we are able to help you make money and succeed in satisfying and increasing your trade. Everything in the line of Diamonds, Watches and Jewelry. Elk and Fraternal Order of Eagle goods a specialty. Our representatives will be pleased to show you our lines, or we will send memo. packages on request.

ELK and F. O. E. GOODS
a Specialty
Our Trade-Mark "The Rose"



Stands for Quality and Excellence



Henry Freund & Bro.
DIAMONDS, WATCHES and JEWELRY
71 Nassau St., New York

Jewelers! School Seals are Popular.



Seals are very popular, and we show here only a few of the many made for the different schools last year.

For a State School or University no pin would be more appropriate than one with the Coat of Arms of the State in the center. If the school has no official seal, let us make a pin for you showing the characteristics of this design. If you do not care to have pin made in either of these ways, substitute the year and class initials and have the class motto in the circle.

We make seals in two sizes and three different ways, as you will see by the illustrations. Advise us regarding your wishes, stating quality and quantity desired, and we will be pleased to have prepared a colored sketch embodying your ideas, and forward with prices.

Send for our new catalog of Flag and Class pins. You can make more money handling Bastian's than any other. Special designs and estimates free of charge.

BASTIAN BROS., N. 21 South Avenue, Rochester, N. Y.

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets



THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.

BATES & BACON

Attleboro, Mass.

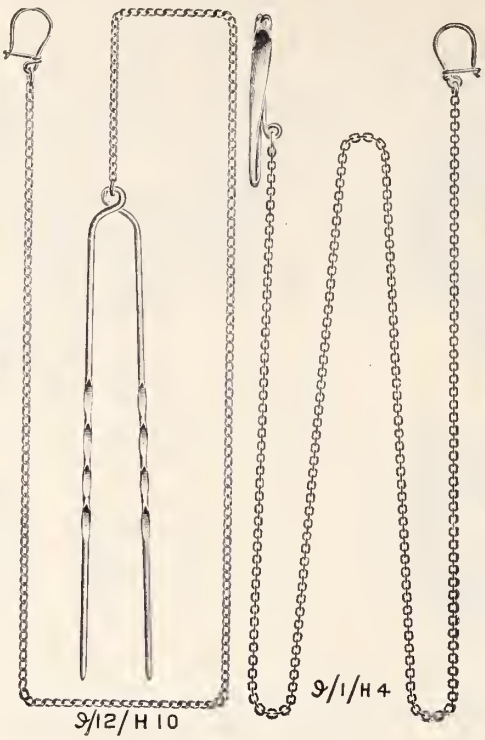
In addition to our HIGH GRADE LINE of Fobs, Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets, Chatelaines and

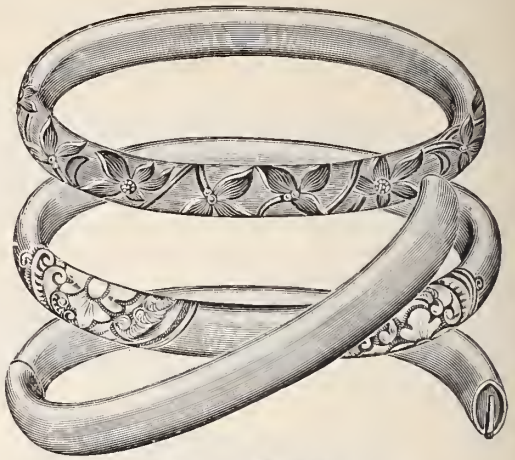
BRACELETS

we now put on the market a fine line of

Eye Glass Chains

Made from 14 Kt. 1-10 Seamless Wire, Gold Soldered and Warranted.



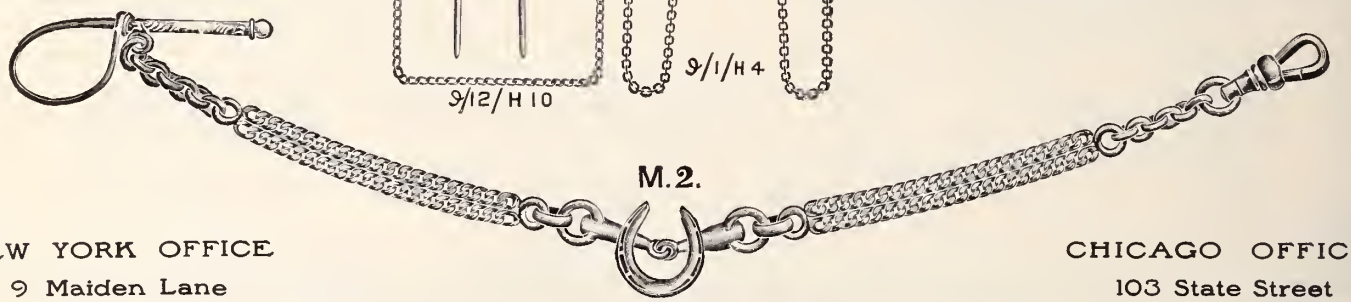


The New

"Bates" Bracelet

"KANT KUM OFF"

Ask Your Jobber for Our Goods.



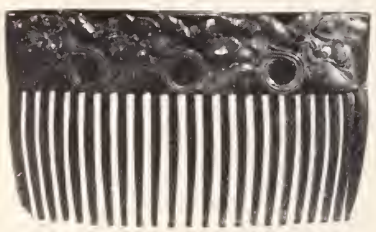
M.2.

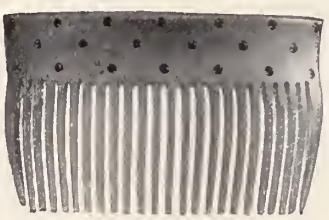
NEW YORK OFFICE
9 Maiden Lane

CHICAGO OFFICE
103 State Street

Does That Comb Counter Pay Big Profits?

IF NOT—WHY NOT?







There is no reason why your comb counter should not pay you a big profit. If it does not, let us help you to make it do so. Our line, containing hundreds of beautiful patterns, is at your disposal at all times. A letter from you and a large sample assortment will be sent to you by prepaid express. Look them over and if you find any that do not suit you, send them back. If none of them suits you, send them all back at our expense. There is no string to this proposition. We mean just what we say—no more and no less. We know our goods and KNOW that they will increase your business. We take this way of letting YOU know it. There is NO DELAY in getting one of these lines. We carry them in stock ready to ship at a moment's notice. A trial will convince you that you cannot afford to be without an assortment of "Checo" brand combs in your stock at all times.

C. H. Eden Company

New York Office: 699 Broadway **ATTLEBORO, MASS.**

ADDRESS ALL CORRESPONDENCE TO HOME OFFICE AT ATTLEBORO

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The "Bryant" Rings.

WE have made the **Bryant Rings** for 50 years, and know how to make first class goods. The stone setting—which every retailer knows is a very important part of the work—we give special attention to. The **Bryant Rings** will help your reputation as a first class Jeweler.

TRADE-MARK.

M. B. BRYANT & CO., No. 7 MAIDEN LANE, NEW YORK.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

The Most Individual of Rings.

EXPERIENTIA DOCET

IN ITS history, associations and significance the Signet is the most individual of rings. All made here possess rich elements of character. The range is wonderfully extensive; the variety wonderfully wide. Signet Rings a notable specialty here.

PRICES: $3.00 to $400.00.

EXPERIENTIA DOCET

Durand & Company,

49-51 Franklin Street, Newark, N. J.

A COMPLETE LINE

of some of our handy pins. Made in all colors, sizes and finishes.

A. J. HEDGES & CO.,

Makers of Exclusive Designs in 14K. Jewelry

14 JOHN STREET, NEW YORK

14 K TRADE-MARK

TRADE 14 MARK

OSMUN-PARKER MFG. CO.

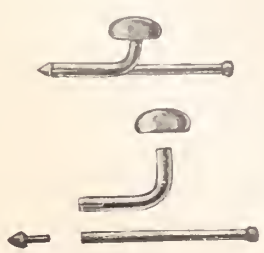
MAKERS OF

Fine Pearl and Diamond Goods

338 Mulberry Street

NEWARK, N. J.

Established 1871 FACTORY AND OFFICE, NEWARK, N. J. Incorporated 1900



Patented May 21st, 1901

THE "APEX" STUD

The only stud adaptable to any kind of shirt buttonhole or eyelet and having no coiled spring to get out of order.

CARRINGTON & CO.

Sales Agent

14 7 MAIDEN LANE NEW YORK 18

ELKS



Our Copyrighted **Elk Head** Best in the World.

B. P. O. E. In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD

Brooches, Lockets, Links

Bracelets, Scarfs

And Everything Else in Gold Goods

CHAS. L. TROUT & CO.

15 Maiden Lane, New York City

Unique Silver Deposit WHISKEY JUG



7 Inches High.

Just one piece from one of the best selling and most attractive lines in town.

Depasse Mfg. Co.,

41-13 Maiden Lane, New York.

ROBERT DULK,

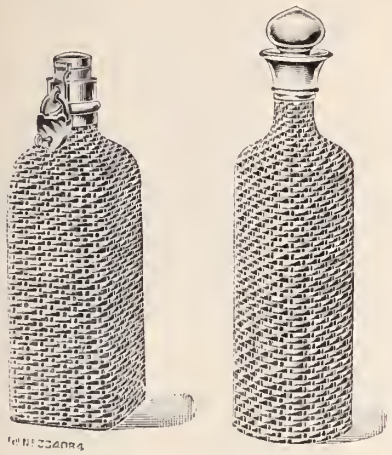
DESIGNER,

Etching in Gold and Silver,

Telephone, 3960 Chelsea.

No. 70 5th Avenue, NEW YORK

SAML BUCKLEY & CO.
English Fancy Goods.



Have You Seen Our New
Silver-Mounted White and Brown Wicker-Covered Bottles?

118-122 Holborn, E.C., London
100 William Street, New York

ESTABLISHED 1841

Carter, Howe & Co.

TRADE C MARK

MANUFACTURERS OF

Gold Jewelry,

9, 11, 13 MAIDEN LANE, - NEW YORK

FACTORY, NEWARK, N. J.

A. CARTER G. R. HOWE W. T. CARTER W. T. GOUGH

OUR BUYERS have just returned from European markets which they have ransacked in search of novelties for the jewelry trade.

Our line of FANS for the coming fall possesses such charm that it will satisfy the most exacting buyer.

We also present the latest Novelties in

BROOCHES
MOUNTED COMBS
NECKLACES
CHAINS
BUCKLES, Etc.

A call at our showrooms is imperative to a visiting buyer.

LEWY & COHEN
IMPORTERS,
530 BROADWAY, NEW YORK

ADOLPH LUTHY. PERCY W. HINE.

LUTHY & HINE,

13 EAST 30TH STREET, - NEW YORK.

MANUFACTURERS OF

Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

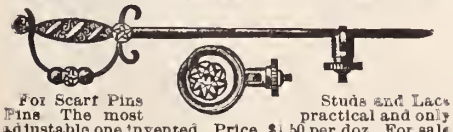
MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

PLATEAUX and TRAYS

OUR SPECIALTY
Sizes, 6 to 20 Inches
Gold, Silver, Nickel
J. E. ROHRBECK
40 FULTON STREET, NEW YORK

THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c ; in 10k gold, $1.00; 14k., $1.25. M CROHN Maker and Inventor, 48 and 50 Maiden Lane, N Y

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City



SOLID GOLD CHAINS

Gold Chains that don't have to first pay the heavy expenses of traveling salesmen, before a selling price is placed on them, are chains that to-day are interesting the careful and exacting buyer.

WE are the makers of just such

SOLID GOLD CHAINS

TRADE K MARK

Are YOU one of these careful and exacting buyers?

For 56 years critical Jewelers have found our Chains ready sellers, very profitable to handle and most durable in service.

We have no salesmen, and our prices are therefore very low. We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane

New York

The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

Selection Packages sent to Responsible Jewelers.

Wagner Manufacturing Co.

41 Union Square,

Repair Work a Specialty.

New York.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.



FASHION DICTATES BRACELETS.

This illustration represents a few of our various, original designs in 10K.

Our Joint and Bangle styles are commanding widespread attention throughout the Country.

Orders placed now will receive our prompt attention.

SCOFIELD & DeWYNGAERT,

NEWARK, N. J.

New York Office,
9 Maiden Lane.

BRACELETS

IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,

82-84 Nassau St., New York.

Established 1876. 'Phone, 801 John.



Standard American Watch Movements Speak for Themselves

Our efforts to please have resulted in an endorsement of the adage, "Play fair, and win confidence at least." It has always been our aim to carry the best at a reasonable price, and to protect our customers in every way.

"We cover the country"

From our New York Office:
H. OLLENDORFF
M. OLLENDORFF
H. GOLDSTEIN

From our Pittsburg Office:
W. S. BICKART
J. S. BICKART
W. E. PARISH
S. A. REUTTER

Special Southern Representative: O. J. SOMERS.

The above salesmen are on the road at present, and one of them may call upon you in the near future. If so, examine his line; it will repay you. Or send us your order for your immediate wants; it will receive our usual prompt and careful attention.

I. OLLENDORFF CO.
JOBBERS IN
Watches, Diamonds and Jewelry

NEW YORK
54 Maiden Lane

PITTSBURG, PA.
Cor. Liberty Ave. & 6th St.

ESTABLISHED 1868.

CASSIUS W. SEYMOUR,
37-39 Malden Lane, New York
ALLOW ME TO CALL ON YOU IN THIS WAY



Jewelers' Stationer and Printer

Jewelers' Cards,
Tissue Paper,
Tags,
Blank Books, etc.

ROLL AND FLAT PAPERS.

Estimates cheerfully given. Mail orders promptly attended to.
Let us quote you our prices on manifold books and sealing wax.

RICHLY EFFECTIVE HAT PINS

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

THE APPRECIATION of our Hat Pins, expressed by leading Jewelers and backed by sales, bears witness to their inherent beauty and salable qualities.

New shapes, new designs and new trim impart added impulse for the Fall season. The deft placing of stones heightens effects. Colonial Engraving adds richness. Delicate vermicilli work. Perfection of Roman, Rose and other finishes.

These Hat Pins will appeal unfailingly to feminine taste.

"TOPPY AND ORIGINAL"

Bracelets
Barrettes
Brooches
Pearl Snaps

A & A

Handy Pins
Scarf Pins
Pendants
Collarettes

ALLSOPP AND ALLSOPP

'PHONE 4075W

18 COLUMBIA ST. NEWARK, N. J.

"THE BRACELET HOUSE."

KENT & WOODLAND,

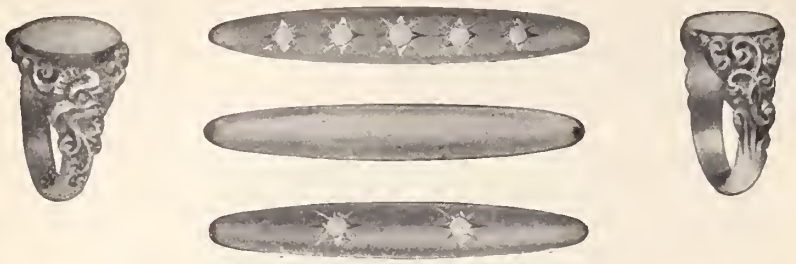
BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office,
Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



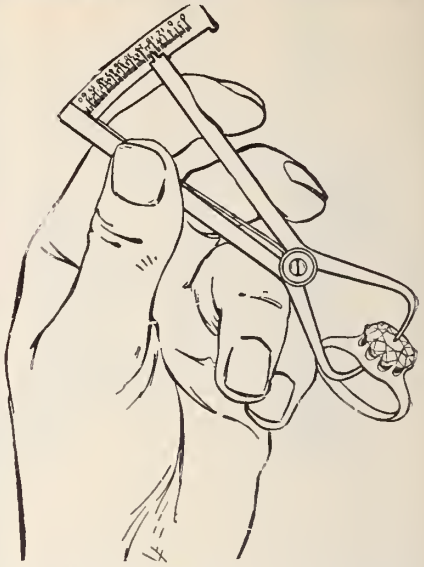
NEW YORK, 3 MAIDEN LANE.

CHICAGO, 42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

GUESSING HAS CEASED TO BE A VIRTUE.



THE MOE DIAMOND WEIGHT GAUGE
is the only correct system for determining the weight of mounted diamonds.
INDORSED BY THE LEADING JEWELERS.
Those who are not familiar with the device, kindly send for descriptive booklet.

Charles Moe, Inventor, 80 Adams St., CHICAGO, U. S. A.
Price for Instrument and Book, $3.75 prepaid.

May also order from the following agents:
D. C. PERCIVAL & CO., Boston; CROSS & BEGUELIN and R., L. & M. FRIEDLANDER, New York; M. SICKLES & SONS, Philadelphia; NORDMAN BROS., San Francisco; E. W. REYNOLDS CO., Los Angeles, Cal.; E. & J. SWIGART, Cincinnati; LEONARD KROWER, New Orleans.
BACKES & STRAUSS, Sole Agents for Europe and India, London, E. C., 14-17 Holborn Viaduct.

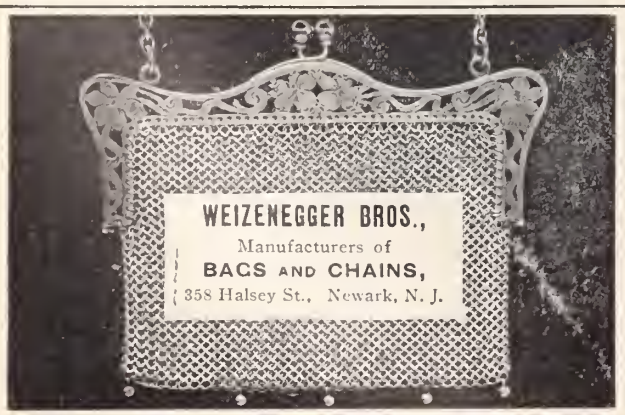


DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing; therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York



No. 1638.—Sterling hand-pierced bag, all soldered ring mesh, and workmanship unexcelled. Size 5¾ in. by 4 in.

Sterling Hand Bag

No. 1638.
Hand Made.

TRADE W B MARK.

Our Bags and Chains are handled by the most exacting Jewelers. A sample order will show you the reason. Our prices are "right."

SPECIALTIES:
Plain, Engraved, Etched and Hand-Made throughout Sterling Silver Hand Bags.

(Tel. 1038 J, Newark.)

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO LEVER NO SNAP NO SPRING

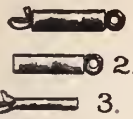
Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER

Sole Manufacturer

Hartford Bldg. CHICAGO, ILL.



1. 1. Snap complete
2. 2. Outside of Snap
3. 3. Inside of Snap.

The E. P. H. Patent
NON-PULL-OUT
Neck Chain Snap

is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

Can be had of the following Wholesale Selling Agents:

Messrs. W. Green & Co., 81 Nassau St., New York.
M. Sickles & Sons, Philadelphia
E. A. Cowan & Co., Boston
E. & J. Swigart, Cincinnati
Swartchild & Co., Chicago
Nordman Brothers, San Francisco
Leonard Krower, New Orleans
A. Walker Co., Providence, R. I.
Bauman-Massa Jewelry Co., St. Louis

PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz. net

THE WASHBURN

SECURITY Automatic Holder for all sizes of scarf-pin wire. Guaranteed.

MAGIC NUT for ear studs, scarf-pins, etc.



EAR WIRES for unpierced ears.





SAFETY CATCH For brooches, etc. Can be applied to any work where pin tongues are used.

Open. Closed. Open. Closed.

Descriptive Circular on Application.
Pearl Drilling and Adjusting a specialty.
Special Order Work and Repairing.
C. IRVING WASHBURN, 12-16 John St., N. Y.

The ST. JAMES

Corner Walnut and Thirteenth Streets
PHILADELPHIA, PA.
The Ideal Hotel of Philadelphia
European Plan EUGENE G. MILLER, Mgr.



In Appearance

it looks exactly like the highest grade 14K. jewelry—but it is really 10K.—plump 10K.—and the line is especially designed for persons of nice taste—but slender purses.



Every jeweler has multitudes of such customers.

Kohn & Co

Camp and Orchard Sts., Newark, N. J.

Stone Seal Rings
Signet Rings

TRADE S MARK

Established in New York 1837.

24 John St., New York. **Geo. O. Street & Sons.**

COMBS and BRACELETS

WILL BE THE LEADING SELLERS THIS FALL



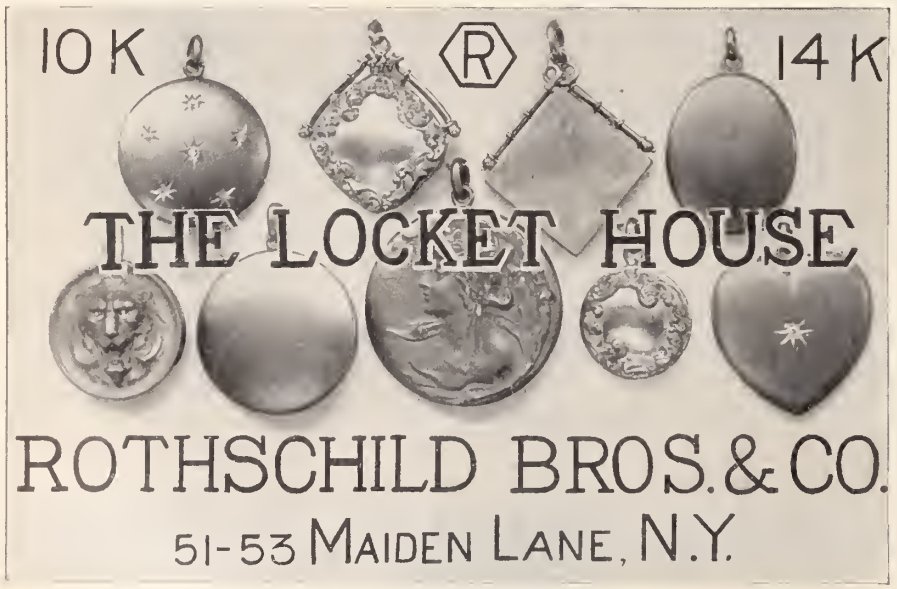
Those here shown are but a few of our complete line in both Gold and Filled. There is not a poor seller in our stock. Our line of

Gold and Diamond Rings and Jewelry, Gold and Filled Chains, Festoons, etc.

is more complete than ever before. A card to us will bring our representative to you when in your vicinity.

Selection packages sent on request

JULES ASCHEIM
37 Maiden Lane, New York



ROTHSCHILD BROS. & CO.
51-53 MAIDEN LANE, N.Y.

An Unlimited Line of Patterns of

LADIES' LOCKETS
MEN'S LOCKETS
LOCKETS FOR EVERYBODY

UNMOUNTED
MOUNTED WITH
DIAMONDS
OR ROSES

BROOCH MOUNTINGS
LINK BUTTONS
BRACELETS
RIBBON FOBS

DESIGNS For Silverware, Novelties and Jewelry : : : : : : FINE ETCHING

We are not manufacturers, but designers; and we do some elegant etching,

CHARLES M. PRIOR (PHONE 1224 HARLEM) 1683 Madison Ave., New York

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18K., 14K., all sizes.

Julius Wodiska
40 John St., New York

Manufacturer of a general line of

PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

Lockets

Men wear them only on a watch chain, but men are easily pleased. 'Tis a woman's adornment, and the P. & B. Co.'s Line is replete with new goods that satisfy her exacting nature.



We are the largest exclusive makers of 10 Karat jewelry

Plain ones suitable for monogram and fancy designs that are odd, and not found in other lines.

Ask your jobber for our lines of

Cuff Buttons, Baby Pins,
Tie Clasps, Fobs,
Scarf Pins, Lockets,
Bead Necks, Hat Pins,
Bracelets, Waist Sets,
Brooches and Crosses.

Potter & Buffinton Co.,

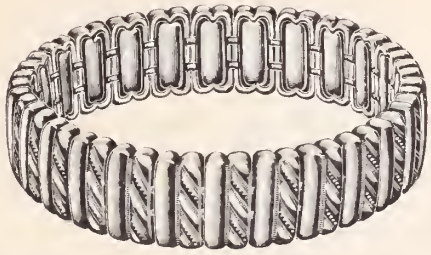
Providence, R. I.

New York Office,
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NORMA TRADE MARK

The New NORMA



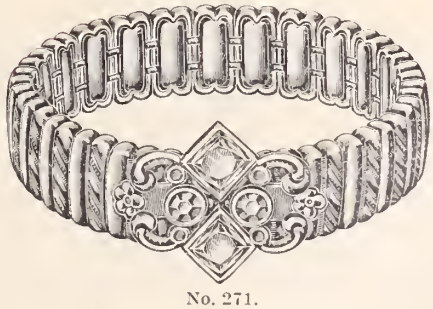
No. 253.



No. 265.



No. 254.



No. 271.

Patented Adjustable Bracelets

Examine our Popular Prices ranging from

$16.50 to $36.00
per dozen

The illustrations represent a few of the many styles we make

THE QUALITY OF ALL THESE GOODS IS FULLY GUARANTEED

Send for our new booklet showing all the latest patterns. Same will be out September 15, 1906.

MADE ONLY BY

The F. H. Sadler Co.

80 County Street

ATTLEBORO, MASS.

Address all communications to Attleboro, Mass.

N. Y. Office, 180 Broadway
Room 43

NORMA TRADE MARK

The W. J. Feeley Company

JEWELERS AND SILVERSMITHS ECCLESIASTICAL ART METAL WORKERS

Providence, Rhode Island

Chalices, Ciboria, Croziers, Candelabra, Candlesticks, Reading Desks, Pulpits, Sanctuary Rails, Altar Lamps, Memorial Tablets, Medals, and

The Rosary in Fine Jewels

Real Stone
Gold and Rolled Gold-Plate Mounting

Amethyst Garnet
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Amethyst Garnet
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Remember

the American Ring Co. when looking for a nice line of

Rings, Scarf Pins, Brooches, Ear Screws, Crosses, Etc.

Orders Prove that Our Goods Sell.
For the Jobbing Trade Only.

American Ring Co.

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PROVIDENCE · RHODE ISLAND

RINGS

WM. LOEB & CO.

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Providence, R. I.
New York Office, 37 Maiden Lane.

EVERYTHING IN LOCKETS AND CHAINS.

THE BASSETT JEWELRY CO.,

PROVIDENCE, R. I.

★ WE ARE SPECIALISTS ★
Gold Filled, Ivory, Pearl,

ELK-EAGLE

EMBLEMS, LOCKETS, FOBS, PINS, CHARMS.

S. & B. Lederer Co.

35 Years Mfg. Jewelers
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100 Stewart Street, - PROVIDENCE, R. I.
131 Wabash Avenue, - CHICAGO, ILL.

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Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

RICH DESIGNS :: :: :: Photos on Application.

BOSTON'S FOREMOST JOBBING HOUSE.

As manufacturers of diamond mountings, we have established a reputation for giving the greatest value at the least price. As direct importers of precious, semi-precious and imitation stones, we can serve as the repairer of your jewelry better than any other house. A full line of stones always on hand.

Write us for information, or
Send us a trial order.

ORKIN BROTHERS
373 Washington Street,
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Wait
And See
In the "Celebrated Case"
This Season's New Goods.
Every one a Seller

There
Have always been
Reasons:—
Established reputation,
Staple Patterns,
High Quality,
Endless Variety,
Right Prices,
'
Square Dealing.

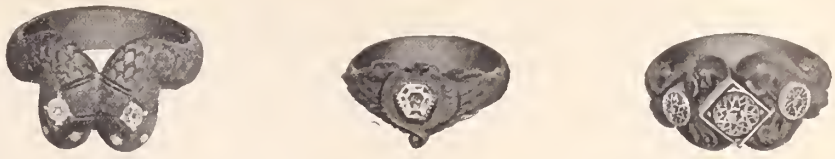
Good Buyers Never
Overlook
Our Creations.
Duplicate Orders
Stimulate and

Strengthen
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Waite-Thresher Company

61 PECK ST., PROVIDENCE, R. I.

7 Maiden Lane, NEW YORK.
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HUTCHISON & HUESTIS,
Ring Makers,
Factory, 185 Eddy Street, - PROVIDENCE, R. I.

Makers of GOLD, STONE AND SIGNET RINGS,
DIAMOND RINGS AND MOUNTINGS.

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New York Office, 3 MAIDEN LANE.

FOR JOBBING TRADE ONLY.



★ ★

LOKETZ

"VERIBEST"

Ful 100% Valu



Roman 3974, Stone set 3976
Roman and Green Stone set, 3975.

LOKET INSURANZ
Insist on this Mark
★ Star Quality ★

"STAR QUALITY"
★ Gold Front — S. & B. L. ★ CO. — Warented 20 years

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Inside Each Loket
They ar the "Veribest"

S. & B. LEDERER CO.

Manufackturers for the Jobbers Excloosivly.

★ NEW YORK CITY 9-11-13 Maiden Lane
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CHICAGO, ILL. 131 Wabash Avenue ★

Koshland & Italie Co.

702 Chestnut Street, PHILADELPHIA, PA.

ILLINOIS WATCHES.

¶ We are headquarters in this vicinity for this desirable line of movements.

Send us Your Orders.

Diamonds, Watches and Jewelry

The Kenilworth Bracelet.

(Patented Jan. 2, 1906, No. 808,805.)

No. 4086.

All of the foremost jobbing houses now carry a full line in stock, and you will miss an opportunity if you fail to see them. Ask your johher to show you the full line.



A success beyond our expectations. Its simplicity of operation in putting on or taking off, "having no catch or snap," commends it to the discriminating buyer, and has made it the most popular bracelet on the market. Made in plain, beautifully chased and stone set, plain polished, English and Roman finishes, and in gold-filled and sterling silver.

Manufactured by

Doran, Bagnall & Co.,

North Attleboro, Mass.

194 BROADWAY, NEW YORK.

42 E. MADISON ST., CHICAGO.

126 KEARNY ST., SAN FRANCISCO.

Established 1879.

LOUIS W. HRABA,

29 East 19th St., New York.

Manufacturer of

Fine Leather Goods,

Exclusively for the Jewelry Trade.

Orders Prove OUR Goods Sell

We make for the Jobbing Trade the following lines of

SOLID GOLD JEWELRY:



Rings

Scarf Pins

Studs

Brooches

Charms

Baby Pins

Handy Pins

Chain Sets

Link Buttons

Hair Barrettes

Crosses

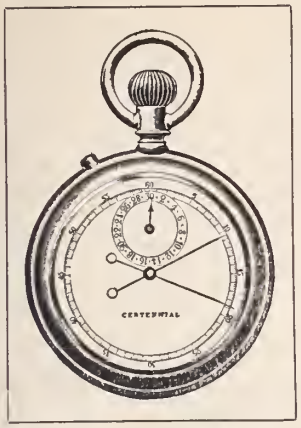
Etc.

Insist upon seeing the designs of Gold Jewelry made by the

E. L. Spencer Company

95 Chestnut St., Providence, R. I.

New York Office, 9-11-13 Maiden Lane.
(Samples only.)



Timer is ⅛ Larger than cut

"Watch us" always for anything you wish in the "Watch" line.

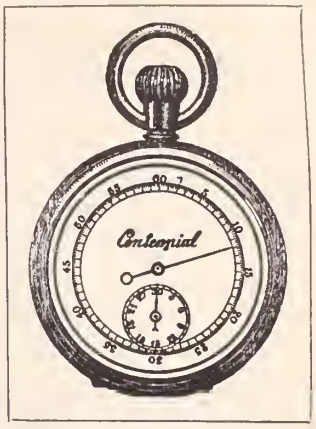
THE OLD RELIABLE

Centennial

SPLIT SECOND TIMER

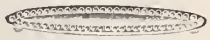
"None better made"

Suitable for Racing and Mechanical Purposes.



Timer is ⅛ larger than cut

CROSS & BEGUELIN, Manufacturers, **New York.**



Scarf Pins



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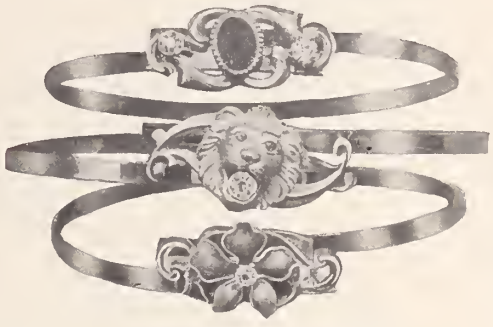
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Mr. Retailer:

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Don't forget to "shake the trees" that bear **Solidarity Gold Watch Cases.**

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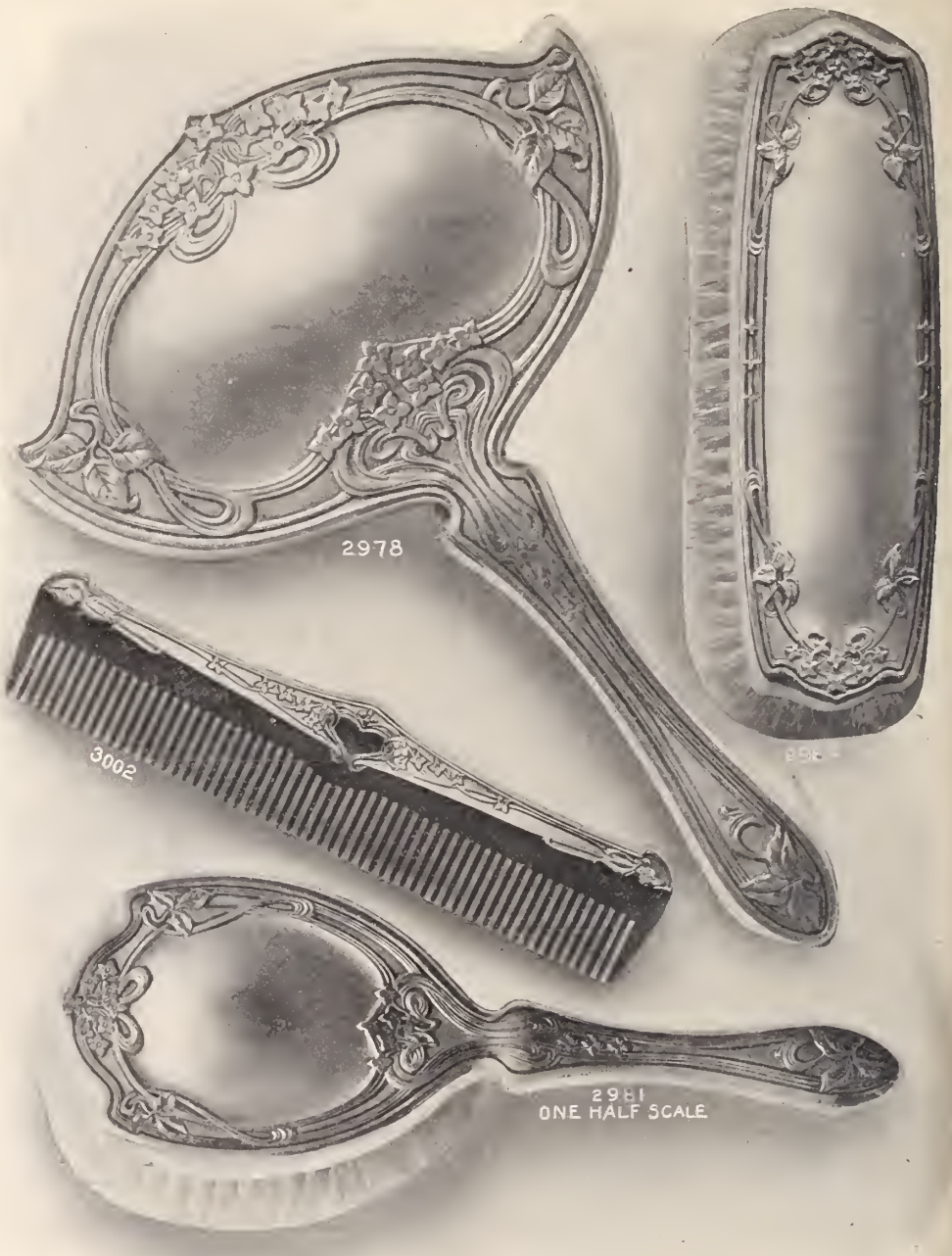
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Another of our new patterns in Toilet and Manicure goods.

Take particular notice of the new shape of Bonnet Mirror, which will be appreciated by every lady who uses one, it is so convenient. The regular shape can be furnished a little later if it is desired.

Our new line of Sterling Silver silk-lined Jewel Cases is especially attractive, and we are showing a great many Novelties which we will have illustrated in our new Catalogue, H, now in the hands of the publishers.



Owing to the phenomenal demand for

"The Armlet,"

the F&B invisible joint bracelet, it has been impossible to keep pace with the orders, but we now believe we shall soon be able to make prompt shipments.

See our full lines of gold-filled Lockets, Charms, Crosses, Pendants, Chains, Fobs, Neck Chains, Collarettes, Pins, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrette Pins, Belt Pins, Waist Sets, Buckles, Hair Chain Mountings, Ribbon Book Marks and a large line of Sterling Silver Novelties.

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350 King Street, Kingston, Ont.

Some Notable Foreign Automobile Trophies of the Present Season.

IT is sometimes both interesting and instructive to compare the work of foreign and American goldsmiths and silversmiths on the same lines, and it is therefore with some pleasure we call the attention of our readers to the illustration, on the front cover of this issue, of the Herkomer trophy, the prize awarded to the successful contestant in the recent Herkomer automobile race in Bavaria, in which Prince Henry of Prussia took part. Illustrations of some of the minor prizes for beauty, mountain-climbing, etc., all of which exemplify con-



ALLGEMEINE AUTOMOBIL-ZEITUNG PRIZE.
SECOND DINSMORE PRIZE.

siderable artistic skill on the part of their makers, appear herewith.

The Herkomer trophy, offered by the artist whose name it bears, is an extremely interesting and valuable gift. Aside from the value represented by the silver of which the group is made, it stands very high as an art work in the precious metals. Mercury, as chauffeur, is seated upon a whirling cloud of dust, typifying the flying "auto." This god, a lithe, elastic figure, holds a wreath, in semblance of the steering wheel, and is gazing intently into the distance. The usefulness of the motor car in the service of business and commerce is typified by the winged deity, while a graceful female figure resting upon the cloud beside him represents the pleasure of the sport. The peculiar intoxicating joy of automobiling has never been more happily personified than in this work. Professor Herkomer has often portrayed the delights of the sport, and its genius, as here created by him in the allegorical figure, deserves a place in its own realm not lower than that held by Kaulbach's "Schützenliesl" in rifle sport.

The piece was not only designed but was executed as well by the artist, and bears the mark of his individuality in every phase. He has accomplished something which shows him capable of as sympathetic work in plastic art as in painting, and the Herkomer prize will no doubt be given a first place among automobile trophies in the art world. Entirely of silver, and made by the electrotyping (galvano-plastic) process, it stands, without the pedestal, 24 inches high, is 19 inches deep, and weighs about 20 pounds.

The artist-creator of this work is a native of Bavaria, and first saw the light in the little Bavarian-Suabian village of Waal, near Landsberg, on May 26, 1849. He was the son of a wood-carver, and his parents emigrated to America when Hubert was less than two years of age, returning to England in 1857. At Southampton, Herkomer began the studies which were destined to bring him fame and honor in fullest measure. England, where he grew up and established his reputation, became his adopted home, but he preserved an affection for his real Fatherland, and in the magnifi-



STELLIN PRIZE.

cent "Mutterthurm" at Landsberg has placed a unique monument to his parents. His devotion to his native land also shows itself in the gift of the prize just described.

The accompanying illustrations show some of the separate prizes for the winners in the second Herkomer race in Forstenrieder Park and on the Semmering.

The prize offered by the *Allgemeine Automobilzeitung*, Berlin and Munich, consists of a large bowl of pure silver in the form of a globe, surmounted by a silver winged wheel, which serves as a handle to lift off the upper half of the bowl. The five divisions of the earth are shown upon the globe in delicate chasing, and it is flanked beneath by silver sphinxes in majestic posture. Silver ornaments in modern style, of controlled and dignified design, not overladen in effect, support the globe at the sides, passing downwards from the equator. The whole piece rests upon an oval ivory pedestal, on the sides of which are silver garlands and the insignia of the B. A. C., K. A. C., and Oe. A. C. The bowl is lined with pure gold. This splendid piece, valued at 5,000 marks, is from the establishment of C. Meyen, Berlin.

The silver bowl and ladle, designed by the sculptor, J. Lock, and representing "The Past and the Present," exhibits in its three relief panels the development of the private equipage; first is shown the heavy, primitive cart, with canvas cover, then the comfortable coach, and finally the rushing automobile. Surmounting the cover is the figure of a winged genius, typifying beauty, speed and endurance. On the foot is a tablet bearing the insignia of the three clubs, in delicate etching, and on the shaft are the three national coats of arms. The bowl is decorated with precious stones, and rests upon a mahogany pedestal. The ladle is a conventionalized "huppe" with laurel wreaths around the stem. C. Weisshaupt, Munich, is the maker.

The Stellin prize, offered by the *Vereinigte Benzinfabriken*, is an oval silver wine cooler, worth 5,000 marks, made by Heiden, in Munich, from a design by A. von Hoffman Vesthofen, of that city. The outside is decorated with figures in low and high relief, representing Roman banqueters executing a sword dance. It is in antique silver tone, and the composition is remarkable for its harmony of outline.

The second Dinsmore prize for the competitive speed tests is shown under the work of Herr Meyers.



SILVER BOWL, REPRESENTING PAST AND PRESENT.

CHAS. A. BRASSLER.

Unique Exposition of Fans in Paris.

IN the large hall of the Museum of Decorative Arts in the Pavillon Marsan, at Paris, an exhibition of antique and modern fans is being held which is attracting considerable attention.

On many of these fans names appear that are well known in the fine arts, but have not disdained to display the talent in minor arts as well. The sticks of the old fans, especially, are most cunningly wrought of tortoise shell and mother-of-pearl, decorated with bronze and gilding. In a fan painted by Louise Abbéma, representing the birth of the pearl, female figures take the place of the staffs, their bodies being enbellished with various precious stones.

W. L. McDougall, Pittston, Pa., will retire from business Sept. 15, in order to devote his time to the study of medicine, at the university of Pennsylvania. Mr. McDougall, who has conducted a store in Pittston for over 20 years, will transfer the business to Mr. Yaseen, of the same place.

"N. B. T."

The above is a trade mark used by an old reliable retail clothing concern in Philadelphia and means, "None Better Tailored."

We would change the last letter and have it read,

"N. B. M."

(None Better Made), and could honestly apply it to the various lines of gold jewelry that we make.

When you see Rings, Lockets, Cuff Buttons, Shirt Studs or Vest Buttons with this

Registered  Trade-Mark

stamped upon them, you are assured that in price, quality and construction there are None Better Made.

The 1907 Edition of the LARTER GOLD BOOK now on the press. A postal will bring one.

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Larter & Sons

21-23 Maiden Lane New York



Registered Trade-Mark.

Death of Ezra Bishop.

NEW HAVEN, Conn., Sept. 6.—There passed away at his late home, 61 Lyon St., at 5.50 P. M. yesterday, Ezra Bishop, one of the oldest and best known jewelers in the State. Mr. Bishop became ill while on a visit to relatives in New York with his wife. The illness developed into pneumonia, and last Sunday he was brought home in company with Mrs. Bishop and other relatives. Dr. Vishno, the family physician, was called in and under his care the patient seemed to improve, and Mr. Bishop's friends were hopeful for his recovery. Yesterday afternoon, however, after an attack of heart failure, he passed away.

Mr. Bishop had been in the jewelry business for 52 years, and with the exception of four years of that time occupied premises in the Boardman building, on Chapel St., at the corner of State St. His father was a well-known farmer at Scarborough-on-the-Hudson, where the deceased was born in 1832. The farm and old homestead are now owned and occupied by Clara Louise Vanderbilt Shepard, widow of the late Col. Shepard, at one time well known as proprietor of the New York *Evening Mail and Express.*

At the age of 16 Mr. Bishop forsook the farm for the more congenial occupation of jeweler, going to New York and Philadelphia to learn the trade. He was an expert on diamonds and other precious stones, and was often called into court to give testimony relating to their value.

Mr. Bishop leaves to mourn his death his widow, Leah Bishop, and one son, Frank S. Bishop, an attorney-at-law. Mr. and Mrs. Bishop would have celebrated their golden wedding had Mr. Bishop lived until next Christmas. The funeral will take place on Sunday. Dr. Lent, of the First Baptist Church, of which Mr. Bishop was a member, will officiate and the interment will be in Evergreen Cemetery.

Death of Ernst Schall.

HARTFORD, Conn., Sept. 6.—Ernst Schall, a well-known jeweler of this place, died at his home, 448 Main St., at one o'clock this afternoon, of angina pectoris. He had been in his usual health until about three weeks ago, when he suffered the first attack of the disease which finally proved fatal.

Mr. Schall, who was the president of the Ernst Schall Co., which he organized into a stock company in 1892, was born in Germany, in April, 1841, and came to New York when about six years old. In the year 1863 the deceased came here from New York, where he had already learned the jewelry trade, and engaged in business in a little store at the corner of Main and Mulberry Sts. The business prospered, and in 1876 a larger store was leased at the corner of Main and Asylum Sts., where Mr. Schall continued for about 27 years until the property was purchased by the City Bank. The store at 941 Main St. was leased by the concern in 1902.

The deceased was a member of Hartford Lodge, F. and A. M., and of the Hartford Saengerbund. Mr. Schall was intensely devoted to his business and had few outside matters to occupy his attention. His wife died eight years ago. He is survived by one son, Frederick G. Schall, and one niece.

Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in The Jewelers' Circular-Weekly, *July 18, 1906, and will be continued in this and succeeding issues until completed.]*

TURQUOISE.—(*Continued.*)

PERSIA.

The old turquoise mines near Meshed, in eastern Persia, are still producing quite extensively, notwithstanding the rude methods employed in working them and the competition of the American mines. The registered exports for last year had a value of £9,396, which may represent one-fourth of the total output, as there is a continuous local demand and also probably considerable smuggling. Every Persian must possess a turquoise, good, bad, or indifferent, and fine stones command higher prices there than in London, but inferior grades are lower. Large pale turquoises often veined or spotted with white, are exported a good deal to India and sold there quite cheaply. The mines are farmed out by the local authorities for a yearly payment of £5,000, and lessees in turn rent most of them to other parties.

VESUVIANITE (CALIFORNITE).

CALIFORNIA.

In Bulletin No. 262 of the United States Geological Survey[1] Prof. F. W. Clarke and George Steiger have given full analyses of the compact variety of vesuvianite, called by the writer californite, from Siskiyou and Fresno counties, Cal., and also of the peculiar white garnet found associated with it at the latter locality.[2] The analyses are recalculated and reduced to a uniform type by eliminating impurities and replacements, and an attempt is made to deduce structural formulas. The white mineral proves to be a true garnet, containing as an impurity about one per cent. of calcium carbonate. The variations in these and many other analyses of vesuvianite lead Professor Clarke to the view that this mineral may be a mixture of several closely related molecules. These Californian varieties, and others also, conform very well to the expression

$$Al_2\ Ca_7\ (SiO_4)_6\ (Al\ O\ H)_2.$$

This differs slightly from the formula previously deduced by Dr. Clarke, viz.:

$$Al_2\ Ca_6\ (SiO_4)_5\ Al\ O\ H,$$

which serves well "for the average composition of the species, but does not fit the extremes." Hence the suggestion of a mixed constitution.

Vesuvianite should be considered as a basic orthosilicate belonging to a group of which garnet is the normal type, with epidote and the scapolites as other members. Their formulas are closely related; they originate similarly from contact metamorphism. They all alter in much the same manner, and yield similar or even identical derivatives.

OBSIDIAN.

MEXICO.

In the report of this Bureau for 1900 was given an account of the great prehistoric obsidian mines in Mexico, near Pachuca, in the State of Hidalgo, as visited and described by Prof. W. H. Holmes. At this point, though the material exists in such quantity, yet no outcrops could be seen, all being buried under the heaps of débris and fragments left by the ancient workers. A recent communication to the author from J. M. Hamilton, of Tequisquiapan, in the State of Queretaro, describes another locality some 60 or 70 miles west of the former, where a closely similar obsidian occurs abundantly, but does not appear to have ever been mined or developed, and where the outcrops are entirely accessible. The locality is near the border of the States of Queretaro and Hidalgo, on a range of low hills east of the San Juan River, between the crossing of that stream by the Mexican Central Railroad, at San Juan del Rio, and by the National Railroad of Mexico a few miles below.

Mr. Hamilton describes the obsidian as occurring in parallel "veins" from 6 inches to 2 feet in width, but gives no particulars as to their position or direction. The colors are black, opalescent and green with dark hands, also a lighter green without handing. He has had specimens polished for sleeve buttons and like purposes, and it appears to be capable of ornamental use and to be procurable in abundance, as Mr. Hamilton states that it can be picked up by wagonloads at the outcrop.

UTAHLITE (VARISCITE).

UTAH.

A very interesting discovery has lately been announced of a new occurrence of this attractive and wholly American gem stone, hitherto obtained from only one locality—at Mercur, Tooele County, Utah—first made known in 1894 and described in the report for that year.[1] The new occurrence is also in Utah, and the particulars regarding it are furnished by Edward Bird, of Salt Lake City. The location is about 20 miles northwest of the other one, and lies eight or nine miles west of Stockton and some 40 miles southwest of Salt Lake City. The mineral appears in a ledge which crosses a little spur or foothill running eastwardly from the main range of the Stansbury Mountains. This hill is some 1,500 feet long from east to west, and rises to a maximum height of 200 feet above the adjacent "bench lands." The variscite occurs in two seams or ledges which traverse this foothill in a northerly and southerly course, dipping steeply westward. The only development thus far done is an open cut on the south side of the foothill or spur, some 10 feet long and four feet deep. The surface rock appears to be an iron-stained brecciated quartz. At the west end of the hill, where a little depression separates it from the main Stanshury range, there is an outcrop of brownish laminated quartzite; at the east end appears a strong body of bluish limestone. No metallic veins have been observed in the vicinity.

The variscite itself occurs in the same manner here as at the Mercur locality, in roundish or kndney-shaped nodular masses from the size of a lemon to that of a large cocoanut, with a rough external coating or casing of reddish-brown color, inclosing the beautiful green material within. Mr. Bird observes that this color tends to become deeper in the lower part of the cutting, suggesting an increase of richness with depth; but this point has not yet been established. He also thinks that slabs can be cut from the compact rock, showing the variscite contrasting with the reddish-brown quartzose matrix. Little has yet been regularly taken out, but enough to show the fin ecolor of the green interior, and a number of persons have had charms and ring stones cut from it.

PSEUDO-SERPENTINE.

WASHINGTON.

In a report of this Bureau a description has been given of a very handsome serpentine from the State of Washington, exhibited at the Buffalo and Charleston expositions. A recent article by Prof. F. W. Clarke[2] gives an account of some remarkable peculiarities in this mineral, which lead him to designate it as a "pseudo-serpentine." Analysis shows that it contains a large proportion of (apparently) brusite, intimately mixed with some serpentine, and also a chloritic mineral judged to be clinochlore. Numerous tests and experiments are described looking toward exact determination of the mingled components, though the precise distinction of them is very difficult. Prof. Clarke says: "The rock is unusual in character; and if the sample examined is fairly characteristic of the entire deposit, the latter should be carefully studied in reference to its orgin and its geological relations."

AMBER.

TEXAS.

A yellow, resin-like amber is common in the Cretaceous coals at Eagle Pass and on Terlingua Creek, as is reported Prof. J. A. Udden. The largest pieces are of the size of a grain of corn, and small pieces can always he easily found.

SANTO DOMINGO.

Clarence C. Sample, in an account of the occurrence and production of amber in Santo Domingo,[3] states that the locality is identical with that described by C. W. Kempton in the report of this Bureau for 1903,[4] but it would appear that much progress has been made in the past two years in the matter of production. The hill on the upper Licey River, the locality of occurrence, is one of the foothills of the Monte Cristi Range, which flanks the north coast eastward of Samana, and forms the northern limit of the Vega Real of Columhus, the great central valley plain. The rocks of the Monte Cristi Range are chiefly sandstones and shales, with some conglomerate, and are rather soft and much eroded. Amber is found in them at several points, but the principal district is that of Tamboril, in a region comprising some 50 square kilometers, a few miles north of Santiago.

Many of the beds of shale and sandstone contain carbonaceous matter and some carry lignite, and it is in these that the amber is found, but unfortunately no fossils have been obtained to fix the exact age. Mr. Sample states that the quantity of amber found is only a fraction of a pound to a cubic yard of rock, so that when the latter is at all hard there is not enough amber to render working profitable, as any process of rock crushing would involve breaking up and damaging the amber. It occurs in pieces varying from small sizes up to several younds, and in color from light yellow to deep red, with also a black variety of little value. The curious fact is noted that the red amber can be bleached by a few hours' exposure to the sun.

BURMA.

Burmite (Burmese Amber).—Amber has long been known as obtained in Upper Burma, and the recently published "Review of the Mineral Production of India from 1898 to 1903," by Dr. T. H. Holland, Director of the Geological Survey of India,[1] gives some interesting facts regarding its occurrence and production. The quantity and value have varied extremely, but during the years mentioned the annual output has averaged 51 hundredweights, valued at £362. The amber is mined principally in the Myitkyina district, in the Hukong Valley. It occurs in clays, judged to be Miocene, and has also been recognized in similar strata of that age at a few other Burman localities. The product is mostly taken to Mandalay, where it is worked into beads, ear cylinders, and other ornaments for native use. Of late it has been undersold even there by cheap Prussian amber, and the semiartificial ambroid, made from chips and fragments. The supply seems to be quite considerable, although the larger pieces are frequently opaque or discolored, and are injured by cracks filled with calcite. It is hard and very tough, and is thus well fitted for carving and turnings. Like that Sicily, it is often fluorescent.

The name burmite has been given to this amber by Otto Helm as a distinct species from true amber or succinite, in that it contains absolutely no succinic acid. Its analysis is as follows:

ANALYSIS OF BURMITE OR BURMESE AMBER.

Carbon	80.05
Hydrogen	11.50
Oxygen	8.43
Sulphur	.02
	100.00

CHRYSOCOLLA.

CALIFORNIA.

William V. Holley of Los Angeles, Cal., gives an account of a combination of richly colored copper minerals found at Cima, in San Bernardino County. Chrysocolla, azurite and malachite are here mingled in compact size, so that the whole may be cut and polished, showing various shades and patterns of blue and green in beautiful manner well adapted to use in ornamental work.

DUMORTIERITE.

The rare blue mineral identified in 1879 by Gonnard and named by him dumortierite, has lately been found at two new localities on the Pacific Coast, and is made the subject of an extended discussion by W. T. Schaller, in Bulletin No. 262 of the United States Geological Survey.[2] In the report of this Bureau for 1892 the announcement was made of the notable occurrence of dumortierite at Clip, Yuma County, Ariz., where it so fills masses of quartz as to resemble lapis-lazuli, and reference was also made to another locality in Riverside County, Cal., where it occurs in the same way, as fibers penetrating and coloring quartz. This was more fully described in the report of 1893, but nothing seems to have been heard since then of this latter occurrence.

(To be continued.)

[1]Contrib. to Mineralogy; Bull. U. S. Geol. Survey No. 262, 1905, pp. 72-74.

[2]Mineral resources for 1901, U. S. Geol. Survey, 1902, p. 747; Am. Jour. Sci., 4th ser., vol. 16, 1903, p. 397.

[1]Sixteenth Ann. Rept. U. S. Geol. Survey, pt. 4, 1894, p. 602.

[2]Clarke, F. W.; Contrip. to Mineralogy; Bull. U. S. Geol. Survey No. 262, 1905, pp. 69-71.

[3]Eng. and Min. Jour., Aug. 12, 1905.

[4]Mineral Resources U. S. for 1903, U. S. Geol. Survey, 1904, p. 964.

[1]Rec. Geol. Surv. India, vol. 32, pt. 1, 1905, pp. 95-97.

[2]Contrib. to Mineralogy, Bull. U. S. Geol. Survey No. 262, 1905, pp. 91-120.



No. 3050. SILK COVERED CASE.

THE CASE here illustrated fills a place in the Fall and Holiday Trade peculiar to itself. It was produced in order to meet the demand for something not so costly as our oak or mahogany chests of silver and yet more elaborate than our combination sets in lined boxes.

It is silk covered, a rich dark green in color, and very handsome. It is appropriately lined and contains twenty-six pieces—six of our "1847 Rogers Bros." No. 12 solid steel knives, six medium forks, six table spoons, six tea spoons, butter knife and sugar shell, listing complete for $21.50.

A number of these cases will be desired by the jeweler who carries a complete line of

"1847 ROGERS BROS."

silverware, while they may prove a satisfactory compromise in the case of the small dealer who has not found it advisable to carry our chests in stock. They are a high class but sufficiently popular line to feature in the holiday business.

MERIDEN BRITANNIA CO.

(INTERNATIONAL SILVER CO., SUCCESSOR)

MERIDEN, CONN.

NEW YORK. CHICAGO. SAN FRANCISCO. HAMILTON, CANADA.

London Letter.

London, Sept. 1.—As I stated in my last letter matters have reached a crisis in the optical trade. The estranged feelings between the Worshipful Co. of Spectacle Makers and the British Optical Association are as bad as ever; the British Optical Association certainly shows certain signs of willingness to fight the S. M. C., while it is rumored that the association is willing to take very small damages from the printers of the *British Optical Journal* for their part in the publication of what the proprietors of the *Dioptric Review* and the Council of the B. O. A. allege are libels. Consequently, feelings are very strained and most here are doubtful as to whether the conference, arranged by the General Board of Opticians in order to meet the accredited representatives of the British Optical Association, will be of any avail. Anyhow, I am just informed that the British Optical Association has appointed delegates as follows: T. Cowan, Manchester; S. Charnley, Leicester; S. Procter Leighton, Lancaster; James Lucking, Birmingham; J. B. Meadley, Sheffield, and W. H. Todd, Leeds; while the representatives of the General Board of Opticians consist of the following: Frederick Bateman, the proprietor of about half-a-dozen optical establishments in London; A. W. Boatman, of Grays and Southend; George Bennett, Stockport; J. Harcombe Cuff, London; William Salt (of Jacquemin Bros.), London, and Councillor Arthur E. Grey (of Botwright & Grey), who has been described as the apostle of optical peace. He is responsible for the convening of a meeting to be held in the Finsbury Town Hall (which is in the center of Clerkenwell), Sept. 13, when, after the routine business has been transacted, the 12 members of the convention will consider the following reference, concerning the promotion of a Sight Testing Bill in Parliament. The reference, which is in the form of a resolution, was passed by the General Board of Opticians on the 20th of June last.

"That the G. B. O. invite the B. O. A. to a conference for the purpose of endeavoring to move forward in a united manner in the promoting of a Sight-Testing Opticians' Bill, and especially to consider the following questions:

(a) Constitution of the proposed central board.

(b) Representation on the proposed central board of existing organizations.

(c) Conduct of examinations and certifications under the Bill."

* * *

The inaugural meeting of the London Branch of the British Watch & Clockmakers' Guild will be held at the Northampton Institute (which is the London headquarters for technical instruction in horological subjects and optics), St. Johns St., Clerkenwell, Sept. 20, when it is hoped by the promoters that a very large assembly of those interested in the horological industry will be present.

The objects of the Guild as drawn up by the Special Committee appointed at a big meeting held some short time since at the British Horological Institute, are as follows:

Recognizing community of interest in the various sections and classes of the trade. Securing that the legitimate business of the craft be held by bona-fide members of the trade. Improving the status of the trade by fostering a higher appreciation of horological art, and maintaining the best standard of work. Discouraging the cutting of prices in both sales and repairs, and assisting in the establishment of local minimum price lists. Aiding in the suppression of deceptive advertisments, false or misleading trade descriptions, and other dishonest practices. Supporting and co-operating with technical schools and classes and examining authorities in the encouragement of horological education. Helping to promote a definite apprenticeship system, with a view to the certification of qualified assistants, and an "efficiency proof" for all practical workmen. The appointment of joint arbitration committees for the consideration of sectional difficulties. Generally to deal with matters of interest that may arise in connection with the horological trades.

* * *

Jewelers here are particularly interested in the establishment of a national retail jewelers' association in America; this was the title originally held by the National Association of Goldsmiths here, but it is to be hoped that your N. R. J. A. will not fall into the same condition as its elder brother on this side of the Atlantic. Unfortunately it has been a "one-man affair" and actually, for the past year not a single executive meeting was held and consequently the Association has been pledged to matters with which the bulk of the members have had little or no sympathy and, it is probably as an outcome of the want of action on the part of the autocracy of the N. A. G. that the Watchmakers' Guild has been formed, it being felt that matters had arrived at a point when only personal spleen and feeling was exhibited and matters of principle pushed on one side.

* * *

The recent prosecuting in Canada of persons who had been fraudulently using Sheffield marks was the subject of a very interesting discussion in the Sheffield Trade and Labor Council, at which it was alleged by the Chairman of the Council, T. H. Marker, that "our whole commercial system was becoming one vast network of fraud." A friend of his, he stated, had brought back, not only from Canada and the United States, but from India and wherever cutlery was to be bought, specimens of German, American and Canadian made goods bearing spurious Sheffield marks. "The villainy was aggravated by the fact that these swindlers only stamped 'Sheffield' on their commonest goods." Another speaker alleged that he had known of the Canadian fraud for over two years, and that the Cutlers' Co. had been very slow to move in the matter. Another delegate stated that along the Atlantic and Pacific seaboard falsely marked goods were being sent and sold to the damage of Sheffield to an incalculable extent, but to pursue the offenders by law would cost enough to break the Bank of England. Mr. Hodson, a very prominent trades unionist, said the Cutlers Co. had never been willing to take up cases of fraud, and were not willing to do so now. It was only when they were forced by pressure of the trades unions that they acted. He then alleged that he had personally visited the German cutlery makers, some of whom had told him that they were prepared to place any desired mark upon cutlery purchased from them, and had, in fact, done so for Sheffield manufacturers, and sent the goods direct to India. Mr. Hodson then proceeded to say that this same manufacturer showed him a book containing the names of 12 Sheffield manufacturers who were in the habit of doing business with him, ordering cutlery to be made in Germany, and sending the corporate mark of the firm so that their name and the corporate mark of Sheffield could be struck on these goods, his contention being that some manufacturers were responsible for a good deal of the trade being taken from Sheffield, and for the fraudulent trading of which they complained. This state of affairs shows the bitterness of feeling which exists between masters and men employed in the Sheffield cutlery trade, and while it has a basis of truth is, to my knowledge, grossly exaggerated.

St. George.

Jewelry, Clocks, Watches, Silverware and Kindred Lines Exported from New York.

Washington, D. C., Sept. 4.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the port of New York for the week just ended:

Antofagasta: 2 packages plated ware, $455.

Bangkok: 38 packages clocks, $522.

Berlin: 27 packages clocks, $1,333.

Bombay: 6 packages stereoscopic goods, $200.

Bremen: 1 package optical goods, $200; 2 packages plated ware, $115; 1 package clocks, $100.

Buenos Ayres: 2 packages optical goods, $215.

Calcutta: 42 packages clocks, $782; 7 cases watches, $950.

Callao: 1 package watchmaking machinery, $405.

Capetown: 4 packages plated ware, $288; 105 packages clocks, $1,327; 4 cases watches, $873.

Colon: 8 packages plated ware, $101; 2 cases jewelry, $116.

Delagoa Bay: 2 packages clocks, $110.

Glasgow: 28 packages clocks, $239.

Guayaquil: 8 packages clocks, $348; 1 case watches, $225.

Hamburg: 1 package plated ware, $300; 5 packages optical goods, $627; 1 case watches, $1,200; 3 packages optical goods, $415; 14 packages clocks, $209; 35 packages scopes and views, $117.

Havana: 1 package optical goods, $138; 1 case watches, $117; 2 packages thermometers, $108; 3 packages scopes and views, $103; 205 packages clocks, $2,722.

Havre: 6 cases jewelry, $577; 1 case watches, $138.

Hong Kong: 13 packages clocks, $206.

Lisbon: 25 packages clocks, $265.

Liverpool: 16 packages clocks, $942; 67 packages clocks, $1,246; 2 cases watches, $520; 2 cases jewelry, $504; 5 packages plated ware, $1,070; 1 package optical goods, $400; 1 case jewelry, $500.

London: 37 packages clocks, $1,394; 1 package optical goods, $248; 24 packages clocks, $218; 1 package gold leaf, $358; 6 packages plated ware, $1,150; 26 cases watches, $3,790; 2 packages silversmiths' sundries, $228.

Montevideo: 20 packages clocks, $275.

Para: 3 cases watches, $307; 9 packages clocks, $142; 2 cases jewelry, $578.

Porto Alegre: 1 case jewelry, $560.

Rio de Janeiro: 2 packages plated ware, $392.

Sheffield: 8 packages jewelers' sweepings, $15,000.

Sydney: 35 packages plated ware, $2,114; 103 packages clocks, $1,388; 2 packages scopes and views, $336; 11 cases watches, $1,202.

Vera Cruz: 7 packages plated ware, $1,268; 31 packages clocks, $261.

Vienna: 1 case jewelry, $100.

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DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

TESTS FOR PRECIOUS STONES

By E. HOPKINS

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THERE is an old saying that "All the good die young," but the modern version in the jewelry trade should be, that all the good come to life when old, speaking geologically of sparkling gems. The list accompanying this has been compiled with the idea of giving in a concrete form a ready system of reference of *some* of the tests for precious stones, and is a reduction of a larger one mounted on card and measuring.

At first sight, perhaps, the list appears to contain a formidable number of names and details, but upon examination it will be found to be simple enough. Color, being the most obvious character of a stone, is

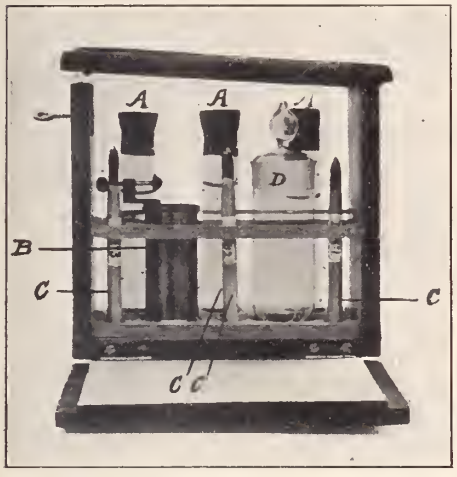


FIG. 1, SHOWING CASE AND CONTENTS.

taken as an index. Thus, if we have, say, a pink stone, it is only necessary to examine the five species in the list possessing that color. Many names are necessarily repeated on account of the numerous varieties of color. For instance, tourmaline is mentioned no fewer than seven and sapphire six times, and so on. A few very rare colors are not included, but the tests in such cases are, of course, precisely the same.

Any doubtful specimen which would be encountered in the ordinary course of business will always be found under one of the headings of the list. Considerable confusion might be caused by reference to the textbooks, since not only do the trade and mineralogists often give different names to the same species or variety, but they even, in one case at least, apply a particular name to entirely distinct species. Thus peridot is termed by mineralogists olivine or chrysolite; and, on the other hand, olivine (green garnet) is known to them as andradite or demantoid. It is hoped that the criteria accompanying this article will remove any doubt that may arise.

The tests, and apparatus required for them, are as follows: (1) Dichroism, (2) Density or Specific Gravity, (3) Hardness; and (4) Refractive Power. By such means all gems can be discriminated. Of course, there are other tests, but they have either restricted application or require elaborate and expensive apparatus.

To test the dichroism, we require an inexpensive little instrument about two

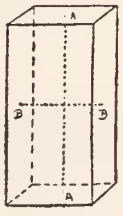


FIG. 4.

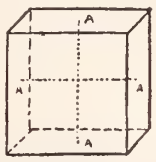


FIG. 3.

inches long, known as the dichroscope. It is very useful for *many* colored stones and will generally give the result in a few seconds.

The necessary apparatus for the determination of the specific gravity consists of three or six tubes containing liquids of different densities, so that, by placing the stone to be experimented upon in one or more of them, its specific gravity can be obtained, and, by comparison with the list, can be recognized. An extra and larger tube is also supplied to take stones up to about 50 carats each.

Four points of varying hardness are cemented into holders and are of use in confirming the other tests. Nos. 1, 2, 3 are supplied in a mahogany case as in illustration.

The refractometer recently introduced by

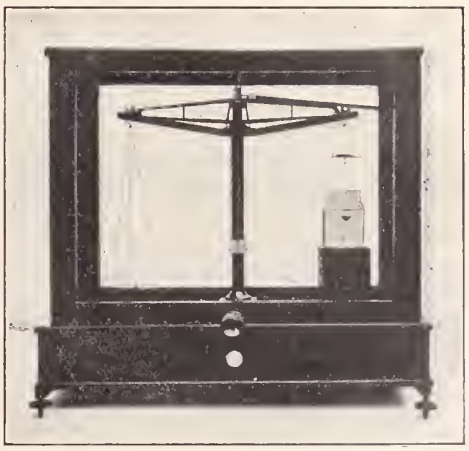


FIG. 5.

G. F. Herbert Smith, M.A., measures on a photographic scale an equivalent to the refractive index, if not exceeding 1.76, and so, as will be seen, covers a large number of precious stones; the remainder, being separated from these, can be specified to some extent *negatively*. There is also no calculation required with this instrument. The refractive indices correspond to the several divisions of the scale.

These four tests form a very rapid and correct means of classifying gems.

A powerful magnifying glass should always be at hand with which many characteristics can be seen that would be otherwise overlooked. The watchmakers' eyeglass with double lenses gives very good results.

It would be of great advantage if some of the technical institutes could give a course of lectures or classes—advertising them well—on "Gemmology"—a word, I believe, introduced by W. J. Lewis Abbott when he gave a series of excellent lectures some few years ago—at the same time developing the optical side a little more. I would suggest the reading of Dr. Max Bauer's book on "Precious Stones," which has been translated by L. J. Spencer, M.A., from the German edition. It is a somewhat bulky volume, but is full of interesting matter, with a great number of colored and other plates, and, I believe, is the finest of its kind that has been published. The



FIG. 2, THE DICHROSCOPE.

values placed in some parts of the book are hardly in accordance with trade ideas, but otherwise the information is excellent and very clear. For a small handbook for ready reference there is nothing to equal Professor Church's "Precious Stones," either in price or information. The latter should be in the hands of all who have anything to do with the subject. The last (1905) edition has been much enlarged. A series of visits to the Museum of Practical Geology, Jermyn-street, and the British Museum (Natural History) at South Kensington, would surprise many on account of the exceedingly fine display of specimens and admirable arrangement of cases. In the latter museum this is especially so. The window cases on the left give a good introduction to the study of minerals.

THE DICHROSCOPE.

Method of Use.—In the case of those instruments having the additional fitting, the stone is slightly warmed to give a better grip in the wax, and focussed by sliding the end piece B. By means of the button A, it may be given a circular motion in one direction, and if the inner tube B is revolved, another circular movement is received at right angles, so that the stone can be examined in many directions. Failing the extra fitting, the stone is taken in the

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usual manner and held in front of the small square hole at one end. Light passing to the eye through the instrument is split up into two beams, and a double image of the square opening is produced. When these images, on interposition of the stone, are of different *tints,* the stone is said to be dichroic—two colored—(see list under D). The instrument is a good test only for stones having *strong* or *distinct* dichroism, providing they have a fair amount of color. With those in the list marked "faint" it is not very serviceable, as the comparison is often difficult to see. Those stones which in *all* positions show both squares the same tint are said to be "monochroic," *i.e.,* of one color. The latter consist of only three groups, and are easily remembered: the diamond, the spinel, and the garnet. The latter include not only the ordinary garnets, but also the jeweler's jacinth and the jeweler's olivine. (The latter was formerly known as green garnet.) All the others are dichroic, some faintly so, while others are very distinct. (See list.) The darker the color, the better the result, providing light can pass through the stone. The monochroic stones all crystalize in one group, the cubic, the simplest form of which is the cube, having imaginary axes at right angles, and of equal length, AA. All non-crystaline materials are also monochroic. The remainder crystalize in various classes, and have axes of differing lengths, caused by certain molecular grouping, which gives the property of dichroism. Fig. 4 shows such axes. AA is known as the *optic axis,* and may be either longer or shorter than BB, but is always of different length. (For our present purpose we will ignore those having two optic axes.) Along the direction AA only the same tint will be seen, but the dichroic effect becomes more and more pronounced until BB is reached, when it is at its strongest. In a cut stone the positions can only be found by looking at the specimen from different points of view. Some easy tests are:

Dichroic.	*Monochroic.*
Emerald	from jeweler's olivine.
Sapphire & blue tourmaline	" spinel and garnet.
Fancy colored sapphire..	" fancy colored spinel.

THE SPECIFIC GRAVITY TUBES.

In this test, liquids of different specific gravity are supplied in three, as illustrated (Fig. 1), and also in six glass tubes. The stones must, of course, be unmounted specimens.

Each tube is marked with the density of the contained liquid, as compared with distilled water, and numbered 1, 2, 3, 4, 5, and 6, respectively. For instance, the liquid in No. 1 is between 4.0 and 4.7, and therefore is more than four times the weight of an equal amount of distilled water. In each of the tubes are two small fragments of different minerals—"indicators"—which are to be kept in their respective tubes. With the case having three tubes of liquid, divide most of the methylene iodide into three portions, putting rather more in No. 4 than in No. 5, and a little less in No. 6. No. 4 is to be left pure. Nos. 5 and 6 are to have their densities reduced by adding benzine, drop by drop, until the indicators are in position—one at the top, and the other at the bottom of the liquid. It is very important to see that they are so, as the benzine after a time evaporates.

The liquid must also be mixed thoroughly by the glass rod, as the benzine, being lighter, is apt to remain at the top. Should, by accident, too much benzine be put in, add some more methylene iodide from No. 4, or permit the benzine to evaporate. The figures on the labels present the specific gravity of the liquid, i.e., between those of the contained fragments. The density of No. 4 can be increased, if desired, by adding iodoform, but the liquid then becomes cloudy. It should be noted that benzine is highly inflammable. Valuable turquoises should not be risked in this or other liquids, the stone being porous.

To show the use of these, let us take for example *colorless* stones:

Quartz (rock crystal) floats in No. 6.
Aquamarine .....floats in No. 5 and sinks in No. 6
Tourmaline ..... " " 4 " " " 5
Diamond ..... " " 3 " " " 4
Brazilian topaz... " " 2 " " " 3
Sapphire ..... " " 1 " " " 2
Jargoon sinks in No. 1.

In the same manner, of course, colored stones can be classified. The color in certain varieties varies slightly with the density. These are given in the list. This

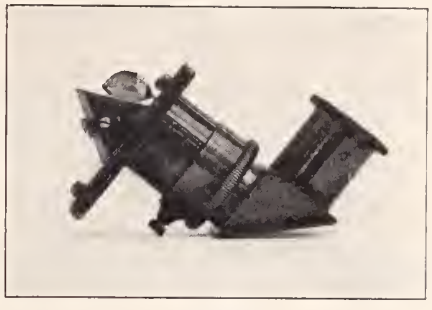


Fig. 6.

test is an additional one to the dichroscope; as, for example, between a blue tourmaline and a sapphire of the same color, it would be somewhat difficult positively to separate the two with the latter alone. The three tubes, Nos. 4, 5, and 6, which are available for the determination of densities not exceeding 3.3, are especially recommended as entailing scarcely any trouble, and being a very ready test. The other three are somewhat more troublesome and more expensive.

If, instead of the tubes Nos. 1, 2 and 3, the ordinary diamond scales are used (which I think preferable, for the denser varieties weighing more than one carat each), the following is the method, the fractions are converted into decimals:

1-2 carat = .500	1-16 carat = .062
1-4 carat = .250	1-32 carat = .031
1-8 carat = .125	1-64 carat = .015

Take the weight in air of a stone, say, 2 1-4 carats = 2.250
Then the weight in water, say, 1 17-32 carats = 1.531
Difference .719

Divide the weight in air by the difference and the specific gravity 3.129 will be found.

```
.719) 2,250 (3.129
      2.157
      -----
       .930
       719
       ---
       2110
       1438
       ----
        672
```

Toluene, the specific gravity of which is .869, is better than distilled water, since its surface tension is much less, the relation being then,

$$\frac{\text{weight in air} \times .869}{\text{difference between weight in air and Toluene}} = \text{sp. gr.}$$

The illustration will give the general arrangement of the scales, the stone being freed from all air bubbles on the surface and suspended by a thin platinum wire in the liquid. It is better, but not absolutely necessary, to have an additional pan made. The same amount of platinum wire should be *in* the liquid when adjusting the balance as when weighing the stone, *i.e.,* the pan should be lifted the same height in both cases. The usual temperature of a room is sufficient for ordinary results. Toluene should be kept in a stoppered bottle as it will otherwise rust all steel parts if kept in the same case.

THE TEST OF HARDNESS.

This is useful where the hardness is *distinctly* different, and may be used as *confirming* the results obtained otherwise.

The four fragments are fixed in short holders, see illustration Fig. 1 with tubes and dichroscope, and consist of (according to Mohs' scale):

Diamond representing.....	10
Sapphire representing	9
Topaz representing	8
Quartz (rock crystal)	7

The diamond would naturally scratch anything softer than that represented by 10, the sapphire would mark the spinel and topaz and so on in each case. If the experiment be on a faceted stone, it should be tried on one of the bottom facets, on the corner at the back, as near as possible to the edge without chipping.

In this way a scratch will scarcely be noticed, and will not cause much injury. This test should never be applied on the front without the owner's permission. When the points become blunt, move the position by warming the cement and bringing a fresh cutting edge to the top. As there is not sufficient space in the list, it may be mentioned here, that Siberian, Auvergne (which is sometimes called by jewelers "oriental"), Uruguay and Scotch amethysts are all of the same material—quartz.

THE HERBERT SMITH REFRACTOMETER.

This has been recently introduced, and is a very portable and convenient instrument to employ in place of the former heavy and very expensive apparatus. It is preferably used with the yellow sodium flame, while the ordinary incandescent electric light, or the yellow gas are better than daylight. In the latter the line on the scale is not quite so distinct, although giving fair readings. A drop of a certain liquid is placed between the stone and the flat surface of the hemispherical glass, the position of the edge of the dark shadow noted on the photographic scale inside, and the reading of this line compared with the graduations given on the card supplied with the instrument, which correspond to the different refractive indices. No calculation whatever is required.

Light traversing the glass hemisphere in the direction AB (Fig. 7) is partly refracted—*i.e.,* bent—on entering the stone along the direction BC, and partly reflected

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within the glass along the direction BD. If the angle ABY be reduced, it will reach a critical angle, EBY, at which the refracted rays graze the surface separating the stone and the glass. At any smaller angle—for instance, GBY—none of the light passes out into the stone, but the *whole* is reflected along the direction BH. Now the compensating lens (omitted for convenience in Fig. 7) is such that light reflected from the plane surface of the glass hemisphere at whatever angle comes to focus on the photographic scale UV. The critical rays, as shown in the diagram, are focussed at P. The portion of the scale towards V is illuminated by totally reflected light, and is bright by comparison with the portion towards U, which is illuminated by partially reflected light. The position of P depends on the refractive power of the stone. If the glass of the instrument be hemispherical in shape, the edge of the shadow is slightly curved. In the case of the slightly more expensive refractometer, with semi-cylindrical lens, the edge is straight.

Double refracting stones have the power of dividing the light into two rays. In certain varieties these rays are considerably apart, and there can be seen in some cases as much difference as four units in the second place of decimals, *e.g.*, peridot. Recently there have been some pastes sold as peridots, which were in general appearance the same, and their hardness not very different, but the refractive indices (apart from the wide separation of the double rays of the peridot) are so distinct that no mistake could have been made had the refractometer been employed.

Single refracting stones and all pastes show only one line. During 1904 and 1905 many tourmalines have been found of very unusual colors. Among others, the yellows are rather interesting, and vary from an orange tint, through various shades, to the pale green varieties; also some purple-colored ones resembling spinels in tint are curious. These can be readily tested with this instrument; also the yellow spodumene can be distinguished from chrysolite, and the pink variety, kunzite, from pink topaz and tourmaline.

It is also exceedingly useful for most *mounted* stones; the result is not affected if the back of the stone is closed and foiled or even painted.

No damage is done to the stone experimented upon.

In these notes, the names known by jewelers have been applied.

This gives a rough outline of the principle and some uses of this invention, but the pamphlet issued with it by the maker gives much fuller particulars, and is in itself a treatise on much optical phenomena which is worth studying.

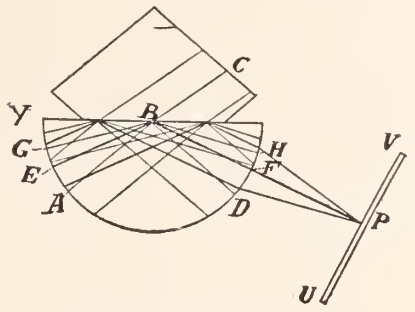


FIG. 7.

The apparatus covers a wide field in registering those transparent gems which have a refractive index not greater than 1.76 and also naturally tests those of higher refractive power by negative means.

Summary.—To sum up roughly the foregoing notes: The dichroscope easily tests those stones having strong or distinct dichroism from monochroic ones, where there is a fair amount of color.

The specific gravity tubes numbered 4, 5, and 6, are useful for both colored and colorless stones up to those having a density of 3.3.

The tubes numbered 1, 2, and 3, are useful for very small stones with greater density than 3.3. The ordinary diamond, or other delicate balance, is employed for taking the specific gravity of stones weighing more than one carat and having a density greater than that of tube No. 4 (3.3) the liquid being either distilled water or toluene.

The Herbert Smith refractometer classifies both colored and colorless gems up to those having a refractive index of 1.76 and negatively for those beyond this, and is besides on *many* occasions useful for those that are *mounted*, whether they are foiled or not. This is one of the most rapid tests.

The points of hardness are used when the difference is considerable to confirm the other results.

After very little practice these can all be applied easily.

The subject of precious stones in general is exceedingly interesting and fascinating, and it must be a matter of great regret to the lecturers of this and kindred subjects that the opportunities held forth are so little appreciated. It would be in every way an advantage if a better general knowledge of the characteristics of gems were prevalent.

Should any of the foregoing notes not be clearly enough expressed the writer will be pleased to answer any correspondence on the subject.

The list has been compiled mostly from information in the following books, and also that kindly supplied by Herbert Smith, M.A. The volumes are: "Precious Stones," by A. H. Church, F.R.S.; paper cover, 1s. 9d. "Precious Stones," by Max Bauer, translated by L. J. Spencer, M.A. "Mineralogy," by H. A. Miers, D.Sc., M.A., F.R.S. "A Text Book of Mineralogy," by E. S. Dana.

TESTS OF PRECIOUS STONES.

Color.	*Jeweler's name.*	*Mineralogical name where different.*	*Specific gravity.*	*Dichroism.*	*Refractive power.*	*Hardness.*	*Easiest tests.*
BLUE							
Light	**AQUAMARINE**	(Group) BERYL	2.69—2.70	Distinct.	1.576 1.582	7½-8	Floats in No. 5. Sinks in No. 6.
	TOPAZ (Brazil)		3.50—3.60	Distinct.	1.629 1.637	8	Floats in No. 3. Sinks in No. 4.
	EUCLASE		3.05—3.10	Strong.	1.652 1.671	7½	Floats in No. 4. Sinks in No. 5. By S. G.
	SAPPHIRE	(Group) CORUNDUM	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1. From Spinel by D., S. G. and H. From tourmaline by S. G. and H. A so-called beryl-sapphire has no D., and is softer than spinel; is also full of bubbles.
Dark	**SPINEL**		3.60—3.70	None.	1.716 to 1.736	8	Floats in No. 2. Sinks in No. 3. From sapphire and tourmaline by R., S. G., H. and lack of D.
	TOURMALINE	Also INDICOLITE	3—3.2	Strong.	1.637 1.655	7½	Floats in No. 4. Sinks in No. 5. From sapphire by S. G. and H. From spinel by D., S. G. and R.
	Water Sapphire or IOLITE	Also CORDIERITE and DICHROITE	2.60—2.66	Strong.	1.54 1.55	7½	Just floats or sinks in No. 6. By S. G. and R.
	ANATASE		3.82—3.95	Distinct.	2.49 2.55	5½	Just sinks in No. 2.
	KYANITE (also Light Blue)		3.56—3.67	Distinct.	1.71 1.73	5-7	Just floats or sinks in No. 3. Also by R.
Translucent	**TURQUOISE**	Also CALLAITE	2.6—2.8	None.	....	6	Floats in No. 5. Most sink in No. 6. For S. G. must be free from matrix. A so-called manufactured turquoise is much softer and some show minute cracks parallel with edge. Most Egyptian turquoises are more translucent than Persian, which is noticeable on back. Glass imitations are heavier.
	STAINED AGATE		2.6	None.	....	6½	Floats in No. 6. Much harder than turquoise.
	BONE or FOSSIL TURQUOISE	ODONTOLITE	3.0—3.5	None.	....	5	Some float, some sink in No. 4. Hydrochloric acid on surface effervesces. Shows bony structure under magnifier.

TESTS OF PRECIOUS STONES.—*Continued.*

Color.	*Jeweler's name.*	*Mineralogical name where different.*	*Specific gravity.*	*Dichroism.*	*Refractive power.*	*Hardness.*	*Easiest tests.*
GREEN (See also Spinel)	EMERALD	(Group) BERYL	2.70—2.71	Strong.	1.576 1.582	7½-8	Floats in No. 5. Sinks in No. 6. From olivine. By D., H., S. G. and R.
	GREEN GARNET OR OLIVINE	BOBROWSKA GARNET or DEMANTOID, or ANDRADITE	3.83—3.85	None.	1.880 to 1.890	6	Floats in No. 1. Sinks in No. 2. Lack of D.
	GARNET (CAPE GREEN).	ENSTATITE	3.1—3.13	Weak.	1.665 1.674	5½	Floats in No. 4. Sinks in No. 5. From olivine and emerald, by S. G., H. and R.
	SAPPHIRE	(Group) CORUNDUM	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1. From chrysoberyl, by S. G. Generally a dark green. From spodumene and jargoon, by S. G. and H. Jargoon, by S. G. and H.
	ALEXANDRITE or CHRYSOBERYL	(Group) CHRYSOBERYL	3.68—3.78	Strong.	1.747 1.756	8½	Floats in No. 2. Sinks in No. 3. Also by S. G. Alex. turns red by gaslight. Those that do not change known as chrysoberyls.
	SPODUMENE	(Var.) HIDDENITE.	3.17—3.20	Distinct.	1.651 1.677	6½-7	Floats in No. 4. Sinks in No. 5. From Alex., by S. G., H. and R. Very rare.
	JARGOON	ZIRCON	3.98—4.1	Faint.	1.830 1.830	7½	Some just float, some sink slowly in No. 1. By S. G. Some green have only faint double refraction.
	AQUAMARINE	(Group) BERYL	2.69—2.70	Faint.	1.576 1.582	7½-8	Floats in No. 5. Sinks in No. 6. Harder and lighter than peridot. Also by R.
	PERIDOT	OLIVINE, CHRYSOLITE or PERIDOT	3.3—3.5	Faint.	1.647 1.683	6½-7	Floats in No. 3. Sinks in No. 4. Some float in No. 4, but warm band on tube sinks them. From pastes by R.
	DIOPSIDE		3.20—3.38	Faint.	1.668 1.694 to 1.732 1.750	6	Just floats or sinks in No. 4. From epidote by R.
	OBSIDIAN		2.4	None.	1.505	5-5½	Floats in No. 6. Softer and much lighter than peridot. Also by R. Contains glassy bubbles. Is a natural glass.
	TOURMALINE		3.1	Strong.	1.619 1.637 to 1.637 1.655	7-7½	Floats in No. 4. Sinks in No. 5. Harder and lighter than peridot. Strong D. Also by R.
	EPIDOTE		3.3—3.4	Distinct.	1.727 1.765 to 1.733 1.771	6½	Floats in No. 3. Sinks in No. 4. From tourmaline by S. G. and H.
PINK	RUBY or SAPPHIRE	(Gp.) CORUNDUM.	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. By H. and S. G. A few sink slowly in No. 1. A pink sapphire is practically a pale ruby.
	BALAS RUBY or SPINEL		3.60—3.63	None.	1.716 to 1.730	8	Floats in No. 2. Sinks in No. 3. Lack of D. Also by R.
	TOPAZ (Braz.)		3.54—3.56	Strong.	1.615 1.625 to 1.629 1.637	8	Floats in No. 3. Sinks in No. 4. H., S. G. and R.
	TOURMALINE	(Var.) RUBELLITE.	3.02	Strong.	1.619 1.637	7½	Floats in No. 4. Sinks in No. 5. From ruby and topaz, by R. and S. G. Looks a little browner at night.
	KUNZITE	(Gp.) SPODUMENE.	3.17—3.20	Distinct.	1.651 1.677	6½-7	Floats in No. 4. Sinks in No. 5. From tourmaline and topaz, by R. and S. G.
PURPLE	SAPPHIRE	(Gp.) CORUNDUM (Var.) ORIENTAL AMETHYST	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. By H. and strong D. A few sink slowly in No. 1.
	SPINEL		3.60—3.63	None.	1.730	8	Floats in No. 2. Sinks in No. 3. Lack of D. By S. G. and R. from garnet.
	GARNET (ALMANDINE)		4.1—4.3	None.	1.770 to 1.810	7½	Sinks in No. 1. Lack of D. From spinel by S. G.
	AMETHYST		2.65	Distinct.	1.544 1.553	7	Floats in No. 6. By S. G. H. and R. from sapphire.
	KUNZITE	(Gp.) SPODUMENE.	3.17—3.20	Distinct.	1.651 1.677	6½-7	Floats in No. 4. Sinks in No. 5. S. G., H. and R. from sapphire. S. G. from amethyst.
RED	RUBY and ARTIFICIAL RUBY	(Gp.) CORUNDUM.	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1. Artificial ruby contains often the appearance of dust in layers. Lines in natural ruby always straight. Lines in artificial ruby always curved. Bubbles in natural ruby more or less angular. Bubbles in artificial ruby oval or round. Silk in natural ruby often shows crystalline formation.
	SIAM RUBY	(Gp.) CORUNDUM.	3.97—4.05	Strong.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1.
	SPINEL		3.60—3.63	None.	1.716 to 1.730	8	Floats in No. 2. Sinks in No. 3. Lack of D. from ruby; also by R. from garnet.
	TOURMALINE		3.1	Strong.	1.619 1.637 to 1.637 1.655	7-7½	Floats in No. 4. Sinks in No. 5. From ruby by H., S. G. and R. From garnet by D.
	JARGOON	(Var.) HYACINTH (Group) ZIRCON	4.65—4.70	V.faint.	1.931 1.993	7½	Sinks in No. 1. (Image, see colorless.)
	JACINTH	(Group) GARNET... (Variety) HESSONITE or CINNAMON STONE	3.55—3.65	None.	1.744 to 1.748	7-7½	Floats in No. 2. Sinks in No. 3. Transmitted daylight in jacinth is yellowish. Transmitted daylight in garnet is reddish. Jacinth has often irregular bubbles and sandy grains.
	GARNET	(Var.) PYROPE	3.70—3.80	None.	1.740 to 1.770	7-7½	Floats in No. 1. Sinks in No. 2. From spinel by H. and S. G. From ruby and tourmaline by lack of D.

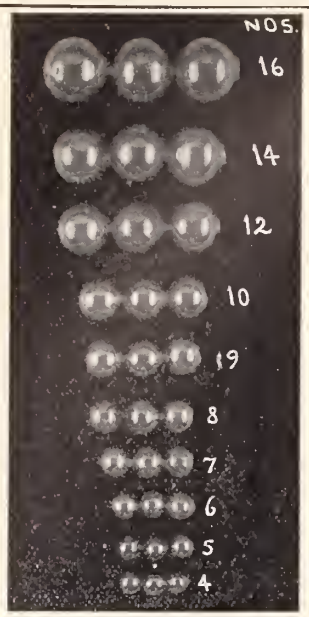
TESTS OF PRECIOUS STONES.—*Continued.*

Color.	*Jeweler's name.*	*Mineralogical name where different.*	*Specific gravity.*	*Dichroism.*	*Refractive power.*	*Hardness.*	*Easiest tests.*	
BROWN	**TOPAZ** (Brazilian)		3.50—3.55	Strong.	1.615 1.625 to 1.629 1.637	8	Floats in No. 3. Sinks in No. 4.	Tour. Ax. Andal. by D.
	JARGOON	ZIRCON	3.98—4.1	Faint.	1.923 1.967 to 1.931 1.993	7½	Some just float, some sink in No. 1. See (image) colorless.	Topaz, by S. G. and D.
	TOURMALINE		3.08	Strong.	1.619 1.637 to 1.637 1.655	7½	Floats in No. 4. Sinks in No. 5.	Tourm. lighter than Ax.
	SPINEL		3.60—3.70	None	1.716 to 1.736	8	Floats in No. 2. Sinks in No. 3.	Spinel. Lack of D.
	IDOCRASE	Also VESUVIANITE	3.45	Distinct.	1.719 1.719 to 1.723 1.723	6½	Floats in No. 3. Sinks in No. 4.	
	AXINITE		3.29—3.30	Distinct.	1.675 1.685	6½-7	Just floats or sinks in No. 4.	
	ANDALUSITE		3.18	Strong.	1.632 1.643	7½	Floats in No. 4. Sinks in No. 5.	From Ax., by S. G. and R.
	JACINTH	HESSONITE or CINNAMON STONE, (group) GARNET	3.55—3.65	None.	1.744 to 1.748	7½	Floats in No. 2. Sinks in No. 3.	Jacinth and garnet, by S. G.
	GARNET		3.7—3.8	None.	1.740 to 1.770	7½	Just floats or sinks in No. 2.	From Spinel, by R.
	CAIRNGORM	(Group) QUARTZ	2.65	Faint.	1.544 1.553	7	Floats in No. 6.	Cairngorm from Mex. opal, by S. G., R. and H.
	MEXICAN OPAL		2.1—2.2	None.	1.450	5½-6½	Floats in No. 6.	
COLORLESS	**DIAMOND**		3.52—3.53	None.	2.417	10	Floats in No. 3. Sinks in No. 4. By H.	
	JARGOON	ZIRCON	4.68—4.75	None.	1.923 1.967 to 1.931 1.993	7½	Sinks in No. 1. Considerable play of color similar to diamond. Very heavy. Shows distinct double image of candle flame if seen through colorless and most colored varieties with eye close to table.	
	SAPPHIRE	(Group) CORUNDUM	3.97—4.05	None.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1. By S. G. and H.	
	TOPAZ (Braz.)		3.0—3.	None.	1.615 1.625 to 1.629 1.637	8	Just floats or sinks in No. 3. By S. G. and R.	
	AQUAMARINE	(Group) BERYL	2.69—2.70	None.	1.576 1.582	7½-8	Floats in No. 5. Sinks in No. 6. From topaz and quartz, by R. S. G. a little more than quartz. Shows nearly always a tint of blue if held in fold of white paper.	
	PHENAKITE		2.97—3.0	None.	1.654 1.670	7½-8	Just floats or sinks in No. 5. By S. G. and R.	
	TOURMALINE	Also ACHROITE	3.0	None.	1.619 1.637	7-7½	Floats in No. 4. Sinks in No. 5. By R.	
	BERYLLONITE		2.84	None.	1.552 1.561	5½-6	Floats in No. 5. Sinks in No. 6. By H.	
	ROCK CRYSTAL	QUARTZ	2.65	None.	1.544 1.553	7	Floats in No. 6. By S. G. and R.	

The colorless varieties usually seen are Diamond, Sapphire, Topaz, Quartz, and sometimes Jargoon. Refractometer especially useful with colorless stones.

YELLOW (See also Tourmaline)	SPHENE	Also TITANITE	3.35—3.45	Distinct.	1.888 1.979	5½	Floats in No. 3. Sinks in No. 4. By H. If clear and well cut has much play of color. R. I. of darker yellow colors 1.913 and 2.054.	
	JARGOON	ZIRCON	4.30—4.63	Faint.	1.923 1.967 to 1.931 1.993	7½	Sinks in No. 1. By S. G. (See colorless.) Gives double image.	
	JACINTH	(Gp.) GARNET (Var.) HESSONITE	3.55—3.65	None.	1.744 to 1.770	7-7½	Floats in No. 2. Sinks in No. 3. By S. G. from quartz. By S. G. from topaz, and also lack of D.	
	CASSITERITE		7.0	Faint.	2.00 2.09	6½	Sinks in No. 1. Heaviest precious stone. Softer than jargoon. Nearly always very small if clear.	
	SAPPHIRE	(Gp.) CORUNDUM (Var.) ORIENTAL TOPAZ.	3.97—4.05	Faint.	1.759 1.769	9	Floats in No. 1. Sinks in No. 2. A few sink slowly in No. 1. Generally a straw tint. From chrysolite by H. and S. G.	
	BRAZ. TOPAZ		3.50—3.56	Distinct.	1.615 1.625 to 1.629 1.637	8	Floats in No. 3. Sinks in No. 4. By S. G., H. and R. from sapphire and quartz.	
	SCOTCH TOPAZ	(Gp.) QUARTZ (Var.) CITRINE	2.65	Faint.	1.544 1.553	7	Floats or sinks slowly in No. 6. From beryl, sapphire and jacinth, by S. G., H. and R.	
	CHRYSOBERYL or CHRYSOLITE	CHRYSOBERYL	3.65—3.78	Distinct.	1.747 1.756	8½	Floats in No. 1. Sinks in No. 2. From sapphire by S. G. and H.	
	YEL. PERIDOT	CHRYSOLITE	3.3—3.5	Faint.	1.663 1.701	6½-7	Floats in No. 3. Sinks slowly in No. 4. By S. G. and R.	
	SPODUMENE		3.17—3.20	Distinct.	1.651 1.677	6½-7	Floats in No. 4. Sinks in No. 5. By S. G. and R.	
	YELLOW AQUAMARINE or BERYL		2.69—2.70	Faint.	1.576 1.582	7½-8	Floats in No. 5. Sinks in No. 6. From peridot and spodumene by S. G. and R.	

In the easiest tests the names are those generally used by jewelers.
Ceylon sapphires are a little harder than Cashmere, and Montana a little softer than Burmah sapphires.
Toluene and Benzene are highly inflammable. Toluene if left exposed in scales will injure steel parts.
If dichroism cannot be seen at once try several different directions before finally deciding.
S. G. = Specific Gravity. R. = Refractivity. D. = Dichroism. H. = Hardness. Var. = Variety. Gp. = Group.



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TESTS OF PRECIOUS STONES.—*Continued.*

Color.	Jeweler's name.	Mineralogical name, where different.	Specific gravity.	Dichroism.	Refractive power.	Hardness.	Easiest tests.
	ORIENTAL CATSEYE	CHRYSOBERYL or CYMOPHANE	3.68—3.84	....	....	8½	Floats in No. 1. Sinks in No. 2. Ray generally brighter than quartz. By S. G. and H.
	QUARTZ CATSEYE		2.65	....	....	7	Floats in No. 6.
	CROCIDOLITE CATSEYE		2.65	....	....	7	Floats in No. 6.
	HUNGARIAN CATSEYE		2.65	....	....	7	Floats in No. 6.
	SHELL or CHINESE CATSEYE		2.65—2.68	....	....	4-4½	Floats in No. 6, or sinks slowly. Is scratched by a knife. Hydrochloric acid on surface effervesces.
	CORAL		2.6—2.7	....	....	5	Floats in No. 6, or sinks slowly. Coral effervesces actively with hydrochloric acid, ivory and bone slightly. In coraline, or stained coral the color is skin deep.
	PINK PEARL		2.84—2.89	....	....	4½	Floats in No. 5. Sinks in No. 6. By S. G. from coral.
	PEARL		2.65—2.68	....	....	4	Just floats or sinks in No. 6. For S. G. if drilled remove air from hole. If scraped by knife gives off powder. A spot of ink on those having glass surface is reflected on inner surface. Usually holes in pastes have rounded edges. Some pastes have a coating of wax on glass, easily peeled.
	OPAL		2.1—2.2	None.	1.450	5½-6	Floats in No. 6. Glass imitations much heavier. Fire marble similar to opal matrix, is scratched by a knife.

A file scratches the backs of most doublets, and dull reflection from join can be seen. If made in two pieces of quartz and coloring matter introduced between, can be detected if placed in cold water. Triplets are also detected thus. Warm water separates the parts. Many characteristics can be seen by closely examining the specimens with a powerful magnifying glass. Good sharp knife = No. 6 in scale of hardness; good file or quartz = No. 7; topaz = No. 8; sapphire = No. 9; diamond = No. 10. The rarer species are printed above in lighter type.

Recent Decisions by General Appraisers on Jewelry, Gems and Kindred Lines.

Decisions by the Board of United States General Appraisers in cases involving the duties on jewelry, precious stones, imitations and kindred lines, have recently been announced as follows:

ORNAMENTS—BEADS—MANUFACTURES OF METAL—PINS.—Protests of D. Lisner *et al.*, protests of B. F. Park and protests of H. Wolff & Co. *et al.* against the assessment of duty by the Collector at New York. The merchandise covered by these decisions consisted of ornaments, pins, strung beads, purses, chains, etc. Protests sustained in part on the authority of G. A. 6139 (T. D. 26679), Abstract 5635 (T. D. 26248), United States *v.* Clark & Kaufman (suit 1614; T. D. 27093), G. A. 6374 (T. D. 27382), G. A. 6376 (T. D. 27390), and Tiffany *v.* United States (131 Fed. Rep., 398; T. D. 25316).

SCARF PINS—JEWELRY.—Protest of Geo. Borgfeldt & Co. against the assessment of duty by the Collector at New York. The Board held ornamental scarf pins to have been properly classified as jewelry.

ROCK-CRYSTAL BALLS.—Protest of Rud. C. Hahn & Co. against the assessment of duty by the Collector at New York. Protest overruled on the authority of G. A. 6301 (T. D. 27160), relating to rock-crystal balls.

BEADS.—Protests of Morris Goldberg *et al.* against the assessment of duty by the Collector at New York. Protests sustained on the authority of G. A. 6380 (T. D. 27420) and Frankenberg *v.* United States (T. D. 27188), relating to beads.

ORNAMENTS — PINS — STRUNG BEADS—MANUFACTURES OF METAL — JEWELRY — TOYS.—Protests of Samstag & Hilder Bros. *et al.* against the assessment of duty by the Collector at New York. This decision related to the same subjects, and was also to the same effect as in the case of Samstag & Hilder Bros. and others, *supra*. It covered also (1) bags in chief value of leather trimmed with beads, (2) brass snaps intended for toy jewelry, and (3) toy jewelry. As claimed by the importers, the bags and snaps were held dutiable as manufactures of the component material of chief value, and the toy jewelry was held dutiable as toys under Par. 418, Tariff Act of 1897.

ORNAMENTS—IMITATION OF PRECIOUS STONES—JEWELRY.—Protests of Veit, Son & Co. against the assessment of duty by the Collector at New York. The Board held, as claimed by the importers, (1) that certain hat and dress ornaments were dutiable as manufactures of the component material of chief value, and (2) that imitation pearls and imitations of rock crystal were dutiable as imitation precious stones under Par. 435, Tariff Act of 1897. Certain hat pins with ornamental heads were held to have been properly classified as jewelry under Par. 434, Tariff Act of 1897.

ORNAMENTS—PINS—BEADS.—Protests of A. Bader & Co. against the assessment of duty by the Collector at New York. The merchandise in dispute consisted of ornaments, pins, and beads temporarily strung, which, as claimed by the importers, were all held dutiable as manufactures of the component material of chief value, except certain ornamented hat pins, which were held to have been properly classified as jewelry under Par. 434, Tariff Act of 1897, on the authority of G. A. 6376 (T. D. 27390).

ORNAMENTS—PINS.—Protests of H. Sinauer against the assessment of duty by the Collector at New York. As claimed by the importers, the Board held certain ornaments and pins dutiable as manufactures of the component materials of chief value. Other pins with ornamental beads were held to have been properly classified as jewelry.

ORNAMENTS—JEWELRY.—Protests of E. W. Bedell against the assessment of duty by the Collector at New York. Certain ornaments, pins, and similar goods were held dutiable as manufactures of the component material of chief value, as claimed by the importers, except certain ornamented pins, which were held to have been properly classified as jewelry.

ORNAMENTS—PINS—IMITATION PRECIOUS STONES.—Protests of Wilsnack Bros. & Nelson against the assessment of duty by the Collector at New York. As claimed by the importers, part of the merchandise, consisting of ornaments, pins, etc., was held dutiable as manufactures of the component material of chief value, and another portion was held dutiable as imitation precious stones under Par. 435, Tariff Act of 1897.

HAT PINS—JEWELRY—METAL SETTINGS.—Protest of Pitt & Scott (Ltd.) against the assessment of duty by the Collector at New York. A portion of the merchandise, consisting of hat pins set with imitation precious stones was held to have been properly classified as jewelry under Par. 434, Tariff Act of 1897, on the authority of G. A. 6139 (T. D. 26679) and G. A. 6376 (T. D. 27390). Other articles, consisting of imitation precious stones set in metal and designed for use in the manufacture of combs and of metal settings for cheap jewelry, were held to have been properly classified as manufactures of the component material of chief value.

HAT PINS.—Protests of Dieckerhoff, Raffloer & Co. against the assessment of duty by the Collector at New York. Protests sustained on the authority of G. A. 5647 (T. D. 25313), relating to hat pins.

HAT PINS.—Protest of Edson, Keith & Co. against the assessment of duty by the Collector at Chicago. The merchandise consists of hat pins of three descriptions: (1) Those with glass heads not faceted or ornamented, (2) those composed in chief value of glass or paste, cut, and (3) those having fancy heads. The first kind were held to be dutiable as manufactures of glass, as claimed by the importers; the others were held to have been properly classified as jewelry under Par. 434, Tariff Act of 1897.

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MEMBERS AND GUESTS OF THE

JEWELERS' CLUB OF PHILADELPHIA

ENJOY FOURTH ANNUAL CLAMBAKE

PHILADELPHIA, Pa., Sept. 7.—*"For it's always fair weather when good fellows get together,"* as John Brandt sang it with a characteristic swing on the occasion of the fourth annual clambake of the Philadelphia Jewelers' Club, best describes the bonhomme atmosphere of and good-fellowship among the 200-odd guests who journeyed Tuesday to the Morrelton Club at Torresdale to partake of the prodigal and far-famed hospitality of the Philadelphia jewelers.

Tuesday was a fair September day, and with the weather propitious, the music catchy, and the surrounding country in its most charming garb, there was no wonder that the guests of the club at its clambake were rejoiced and lent themselves to the spirit of the occasion without regard to the serious business problems which awaited them the next day. This was what those of the Jewelers' Club, notably L. P. White, J. Warner Hutchins, William G. Long, Joe Cadwallader, and other leading spirits sought to bring about, and that they succeeded can be best attested by those who attended the festive occasion.

Generally, the clambake was not unlike those which have heretofore been given by the club, except that the scene and year has been changed, and some old familiar faces were missing. But "Del" Lee was there, although he is now "out of the pale," having undertaken the management of some outside industry in New York, and many of the others who made the fame of the Jewelers' Club in its early days were present, and there prevailed the old-time spirit of abandon which must prevail to make such events successful.

The members and guests of the Jewelers' Club gathered at noon at Arch St. wharf, where a specially chartered steamer was moored to receive them and take them up-river to Torresdale. There were aboard a band and refreshments, and the club members and guests made merry during the trip up the river, which was delightful. Upon arriving at Torresdale, after having been given an opportunity to observe the palatial summer residences of Philadelphia's millionaires, the club guests scampered over the velvety lawns bordering the Delaware, played ball, took swims and otherwise enjoyed healthful and invigorating outdoor exercises. Abraham L. English, formerly an important official of the city, was at the meeting place with a handsome private yacht, and had aboard some personal friends among the jewelers. While the members indulged to their heart's content in walks through the country, in athletic diversions and in other amusements, the caterer raked the stones together, heated them on the river bank, steamed the seaweed and built the mound of toothsome edibles which was afterward consumed by the hungry horde of merrymakers.

The scene of the dinner was altogether picturesque. Tables were laid in front of the handsome club house of Col. E. DeV. Morrell, congressman, whose private residence is nearby, on the banks of the Delaware. While the guests hungrily ate and engaged in table talk, the rippling of the waters of the Delaware, and the fact that the tables were spread on the grass, tended to lend additional attractiveness to the occasion. Of course, there were no menus, but there was much to eat and enough to drink, for any thirst. There was every variety of sea food served—clams, lobsters, fish, crabs, etc., corn on the cob, sweet and white potatoes, watermelons and all other dishes to appeal to the clambakers' tastes.

While the dinner was in progress, Fred Yockel sang, and afterward some specially engaged talent from a local vaudeville house rendered various selections, but on the whole the club sought to entertain themselves, and did so most admirably. During the dinner a man leaning over a balcony, unconcernedly and unaccompanied by music, sang a ballad. He nonchalantly rested one leg over the balcony railing while singing, and it was some time before he had caught the ear of his audience, but when he was heard all appreciated that his singing was far above the average, and everyone listened while he completed the song. Then he was roundly applauded. It was not until later that it was discovered that this was a clever innovation in which the specially engaged talent was being introduced.

On the homeward trip down the Delaware the leading spirits of the club gathered at the bow of the boat and sang and swapped yarns to their heart's content. It was a moonlight night and the ride homeward was greatly enjoyed. Fred Yockel, John Brandt, Jacob Bender, Louis White, Wm. Thudium, Fred Barry and W. W. Fulmer were the ones who contributed to the entertainment. When finally the city was reached most of the club members and guests adjourned to the club house at 13th and Chestnut Sts. Here they remained until the early hours of the morning, and ended one of the most pleasant outings ever enjoyed by the Jewelers' Club. Fred Barry and Edward Ettinger, the latter from Chicago, were the life of the table at which they sat, and continued to enliven the occasion throughout the day.

Among those who attended the clambake were: Edward Ettinger, Fred Barry, S. J. Lyons, Philip Jacoby, Montana; B. J. Hoffman, Ed. Elting, Warren W. Fullmer, Abraham L. English, Ed. Eckfeldt, John Brandt, A. G. Lee, Otto and Gus. Eisenlohr, William Morris, Charles Muth, Wm. Lyons, L. P. White, William Jenkins, A. J. Le Jambre, "Buckie" Moore (formerly a baseball star), Joseph and Charles Goldsmith, Captain Wallace, Daniel Allen, Mr. Jardin, private secretary to Congressman Morrell; Charles Zeisse, Benjamin J. Griscom, Fred Yockel, Charles B. Blum, Cleveland; D. P. Provan, Henry Goldberg, Jacob Binder, William C. Penfold, S. K. Zook, Joseph Cadwallader, George Beebe, Henry Bodenheimer, Joshua Litchfield, Charles Ruchdeschel, Horace Stevenson, Louis Miller, Cyrus Bedichimer, William H. Long, Robert Coates, Andrew Smith, Charles Kranich, Ellwood M. Williams, Wm. Thudium, and many more.

Court Denies Motion for New Trial of Butler, Pa., Jeweler Convicted of Arson.

PITTSBURG, Pa., Sept. 7.—Samuel Shamberger, the Butler, Pa., jeweler who, on October last, set fire to his store and then fled and was recaptured, will have to go to the penitentiary. Shamberger asked for a new trial, and Judge Francis J. Kooser, of Somerset County, sitting in the Butler County Court, who heard the application, surprised Shamberger's lawyers by refusing their motion from the bench, his decision having been made at the conclusion of the argument which lasted all day yesterday.

Pending the motion for a new trial, Shamberger had been released on $5,000 bail, furnished by a Pittsburg friend; Shamberger's bail will expire Sept. 24, and he is to appear for sentence at that time.

The fire which gutted Shamberger's store was started by him, according to the verdict of the jury which found him guilty of arson, Oct. 1, 1905, and was discovered some time in the night by the policeman on the beat. When the fire department arrived the firemen detected the smell of oil, and finally subdued the flames after the place had been gutted. The stock had been insured for $10,000, and it was claimed that Shamberger hoped to get this insurance, although he has denied from the start that he set fire to the place.

Shamberger, who was arrested shortly after the fire, was kept in jail until Oct. 16, when he secured Samuel Lando as a bondsman, Lando furnishing bail for $3,000. In order to protect Lando, Shamberger and his wife deeded a piece of property in the Eighth Ward, this city, to Lando, and Lando took possession Nov. 7 last. Shamberger left the State, and as a fugitive from justice his bond was forfeited. On Nov. 9 a local jewelry firm entered a judgment for $3,500, purporting to be signed by Shamberger, and proceeded by legal process to collect the money. On an execution the sheriff took possession of the property. Lando, who began suit, alleged the mortgage was dated Aug. 1, 1905, and was not acknowledged until Oct. 23, 1905, when it was recorded. Lando alleged that the mortgage was fraudulently given, the purpose being to cheat and defraud him.

Shamberger was finally caught some months ago, as told in THE CIRCULAR-WEEKLY at the time, in North Carolina, and brought back to Pittsburg. In June he was tried and convicted, but made application for a new trial on the claim that certain information brought out at the trial had prejudiced the jury.

F. A. Patton, Artesian, S. Dak., recently found a fresh water pearl in the James River. He believes that pearl hunting will be as profitable there as along the Mississippi, although it has never yet been attempted.

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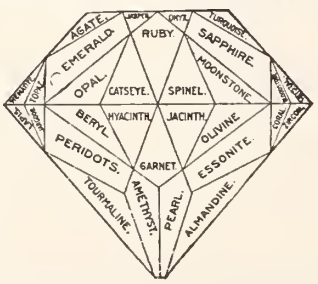
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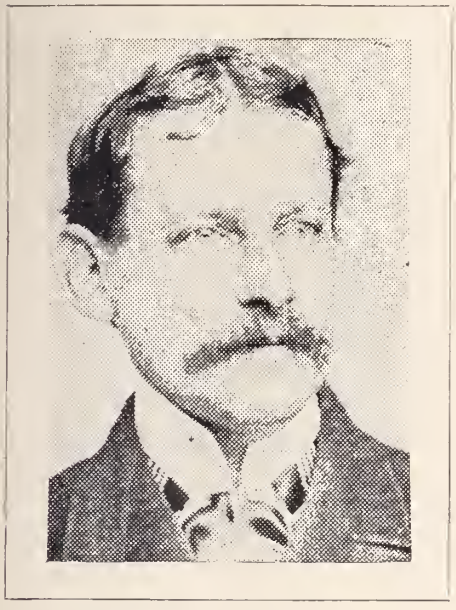
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LK **SHORTHAND FOR RING SUPERIORITY**

Death of Jacob Muhr.

PHILADELPHIA, Pa., Sept. 8.—While not unexpected by close friends and business associates, the death last week of Jacob Muhr, formerly head of the widely known firm of H. Muhr's Sons, manufacturing and retail jewelers, came as a shock to the trade in general not only in this city and the surrounding towns where Mr. Muhr was especially well known, but also to the jewelers of the entire country.

Few men were better known to the trade at large than Mr. Muhr. He had a wide acquaintance not only in this country but



THE LATE JACOB MUHR.

in Europe, where he had traveled extensively on purchasing trips, and where he acquired the many articles of almost priceless value which once made the retail house in this city of H. Muhr's Sons known throughout the country. The trade knew him in the old days of the firm as the best posted diamond critic in this city, and dealers as a last resort always went to Mr. Muhr to secure his opinion when they were about to buy or sell precious stones, and many a diamond dealer found it to his financial benefit to depend on the discriminating judgment of Mr. Muhr. But in addition to his experienced judgment of the intrinsic value of precious stones and objects of art Mr. Muhr was popular in social circles for his many likeable qualities. He was a member of the Philadelphia Jewelers' Club, the Jewelers' League, the Manufacturers' Club of this city, and the Mercantile Club. On all festive occasions he was one of the brightest wits and liveliest entertainers. Mr. Muhr was a confirmed bachelor, and that he died at the age of 59 years is a source of deepest regret to those who knew him.

Just before the dissolution of the firm of H. Muhr's Sons three years ago Jacob Muhr made a characteristic souvenir presentation as a farewell tribute to those in the establishment who had been connected with the house for many years. He gave each of the old employes a recommendation engraved most artistically on a silver dollar, and while they to-day may be persuaded to exhibit this recommendation when seeking to better themselves, none will, even for the best position to be secured in the trade, part with their souvenir recommendations, and all treasure the quaint conceit of their former employer.

Mr. Muhr was born and educated in this city. He received a common school education and at once began a business career in his father's establishment. The house of H. Muhr's Sons was founded by Henry Muhr, and, beginning business in a small way, gradually expanded its field until it became one of the best known houses throughout the country. For many years the firm conducted its business at 7th and Chestnut Sts., where it had a well-equipped establishment. There were in the firm Henry Muhr and the brothers Simon, Joseph, Jacob and Philip. The last named is the only one now living, and only recently he abandoned the jewelry business to resume his profession as an artist. Simon Muhr, the older brother, was generally accepted as the business head of the house. He acquired a large fortune, and naturally became a public man. He died about 12 years ago, leaving a considerable portion of his fortune to Jewish charitable institutions and to non-sectarian educational institutions. He left money for scholarships in the University of Pennsylvania for graduates of the higher public schools. These are among the most highly prized scholarships sought for by public school pupils.

After the death of Simon Muhr the business was continued by the surviving brothers. In 1886 a watch case factory was established at Broad and Race Sts., and continued successfully until 1893, when it was given up and the house devoted itself entirely to the retail business. Afterward the industry of manufacturing watch cases was continued by Jacob and Philip Muhr at 19th and Hamilton Sts., but was finally merged into the Philadelphia Watch Case Co. at Riverside, N. J.

When it was unmistakable that the retail business was of a westward trend H. Muhr's Sons moved from 7th and Chestnut Sts. to 1110 Chestnut St., in the heart of the retail business section. Here one of the handsomest, if not the finest, stores at that time was carried on until about three years ago; after it had been incorporated business fell off to such an extent that it was decided by the Muhr brothers to give up the store, and then Jacob Muhr took offices on Sansom St., but was never very active in business, since his health has of late years been poor.

Philip Muhr engaged in the smelting business and later in the manufacture of watch cases, but finally went back to his profession as an artist and portrait painter.

Jacob Muhr's death is attributed directly to hiccoughs. He succumbed to this at his Summer residence, Holly Beach, N. J., Wednesday. But he had been suffering from a complication of diseases for many months.

The funeral was held Friday, services being conducted at the home of Miss Fannie Muhr, a sister, 907 N. Broad St. The Rev. Leon H. Elmaleh, of the 7th and Arch Sts. synagogue, officiated. Interment was at Mount Sinai Cemetery, in Frankford. All the former employes and many of the business acquaintances of Mr. Muhr, as well as a host of social acquaintances, attended the obsequies.

Mr. Muhr's charitable temperament, so often manifested in practicable ways, his rare judgment of the value of art objects and precious stones, and his happy and congenial disposition, made him during his life a conspicuous figure in the jewelry trade throughout the country, and there will be many of his benefactors who deeply regret that he died at a time when a man should be in the prime of life.

Regular Monthly Meeting of the Executive Committee of the Jewelers' League.

The regular monthly meeting of the executive committee of the Jewelers' League of New York was held at the office Wednesday of last week, the following being present: President Street, Vice-President Karsch, Messrs. Gough, Sloan and Wormser of the committee, and Secretary Marsellus.

Regular routine of business was transacted, such as approving the treasurer's report, granting changes of beneficiaries, authorizing death payments to beneficiaries, and the admission of applicants from the following sections: Waldo, Ark.; Syracuse, N. Y.; Weehawken, N. J.; New Orleans, La., and San Antonio, Tex.

Owing to the death of the first vice-president, Max J. Lissauer, the following changes in the officers of the executive committee were made:

Bernard Karsch, second vice-president, was elected first vice-president; John R. Greason, third vice-president, was elected second vice-president; Leo Wormser was elected third vice-president, G. H. Hodenpyl was elected fourth vice-president, Ludwig Nissen and Chas. R. Jung were elected members of the executive committee.

The next regular monthly meeting of the executive committee will be held Wednesday, Oct. 3.

Insurance Company Makes Charges Against Missing Iowa Retail Jeweler.

WATERLOO, Ia., Sept. 5.—Efforts are being made to trace D. W. Elliott, a jeweler, against whom charges were recently made by an insurance company, which has asked the officers of local towns to watch out for him. The insurance company claims Elliott was responsible for the burning of his household goods, which were loaded on a car, and that the fire was for the purpose of collecting on the insurance. Claim Agent Barr of the company traced Elliott to Mason City, and has offered a reward for information as to his whereabouts.

Mr. Elliott is only about 35 years old, and had always borne a good reputation, so that his friends feel that there must be some mistake about the charges. He was at one time in the employ of L. J. Price, Sutherland, but he succeeded him in business, and from that time had been highly regarded in the trade.

Mrs. J. B. Stubbs, Bartow, Fla., will start on a purchasing trip to the North, about Sept. 15. While away from her store she contemplates taking a course in optometry.

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Thieves Steal Jewelry Valued at $2,125 from the Home of a Manufacturing Jeweler of Newark, N. J.

NEWARK, N. J., Sept. 9.—Leopold Engel, president of the L. Engel Co., which has a jewelry factory at 26 Beecher St., this city, and offices and salesrooms at 565 Broadway, New York, was the victim of thieves Saturday night. His home at 40 Waverley Ave., Newark, was entered and jewelry valued at $2,125 was stolen.

Detective Sergeant Frank W. Tuite, of the fourth police precinct, believes that the robbery was the work of men who had familiarized themselves with Mr. Engel's habits and who had followed him from New York to Newark on Saturday evening, then waiting until the opportunity came to enter his house.

He reached home shortly after five o'clock, having with him a small leather satchel in which was jewelry and unset diamonds valued at $1,125. He placed it in his dining room alongside of a similar satchel belonging to his wife, and in which there was jewelry valued at about $1,000.

Soon after 9 o'clock he went out for a few minutes. Immediately afterward his wife went to a neighboring store. Neither was gone more than 15 or 20 minutes. They returned about the same time, and instantly discovered that some one had been there during their absence. Mr. Engel's satchel was where he had left it, but, with the exception of a check book, its contents were missing. Mrs. Engel's satchel and its contents were gone, the thief having evidently placed all his loot in one satchel. Nothing else in the house had been disturbed.

Mr. Engel has furnished the police with the following list of the stolen articles: One large brooch, of special design, set with diamonds; one mercury-wing brooch, set with diamonds; one ladies' diamond ring, one ring containing a 1½-carat diamond, one gold chain and one gold locket, the latter set with a diamond; two ladies' watches, one an engine-turned case with Waltham movement, and one an engraved case, set with diamonds and containing an Elgin movement; a brooch set with one large sapphire and eight diamonds; a small steel box containing a number of loose diamonds, two gold chains and two bank books.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Sept. 8, 1906.

The U. S. Assay Office reports

Gold bars exchanged for gold coin	$443,166.89
Gold bars paid depositors	89,103.03
Total	$532,269.92

Of this the gold bars exchanged for gold coin are reported as follows:

Sept. 4	$159,351.44
" 5	57,650.08
" 6	87,413.64
" 7	76,758.57
" 8	61,993.16
Total	$443,166.89

A man giving his name as D. Martin was arrested in Warren, Pa., last week, after having attempted to swindle several merchants at that place, including A. C. Kirberger, a retail jeweler, by means of bogus checks.

MEMBERS OF THE

TWENTY-FOUR KARAT CLUB

MAKE MERRY AT OUTING AND CLAMBAKE.

The members of the Twenty-Four Karat Club, New York, collectively and individually, had the time of their lives at the fifth annual outing, given last Saturday, in the Port-au-Peck Hotel, Long Branch, N. J. All the arrangements for the event were admirably made; an excellent change which commended itself to the members generally was the selection of a day a little later in the season than in preceding years, the choice of September instead of July or August. This resulted in bringing out quite a number of men who, because of their midsummer vacations, have been unable to attend past outings. A number of cities outside of New York were agreeably represented, Philadelphia being especially strong in the delegation which it sent.

There was nothing stiff about the affair, the object being to loosen for a day the cords of business care, and this was fully accomplished. Members and their guests, of whom there were several, assembled at Pier 10, foot of Cedar St., New York, in time to take the 10 o'clock boat for Atlantic Highlands, N. J. President Leo Wormser was early at the pier to greet and direct the members and had the assistance of the arrangement committee, composed of John B. Wood, chairman; Edward R. Crippen, Alfred Krower and Percy Savory.

As the boat moved away from the pier a lively tune was struck up by the First Regiment Band, of Newark, 25 pieces strong. Conductor Voss wielding the baton. The band accompanied the party all day, its delightful selections adding charms to the other pleasures of the event. The sail to the Highlands took an hour, and, as the day was perfect and the water not rough, no cases of sea sickness were reported. An express train of the Central Railroad of New Jersey carried the party from the landing place along the coast to Long Branch and thence to West End. Two special trolley cars were here in waiting to take the excursionists to Pleasure Bay.

On stepping from the cars the band formed in fours and the members did the same. C. F. Brinck took the captain's position at the head of the line and all marched over the bridge crossing the Shrewsbury River and up the short route to the grove surrounding the hotel. As the party approached the tall trees the unmistakable odor of the baking clams, chickens and corn reached them and the discerning could see the ovens dug in the sod on one side of the hill. Close by, two long tables were spread with linen and set with shining china and glass ware, ready for the feast.

Eating was not first on the programme, however. The committee was inexorable in holding that the athletic games must take precedence in order that the appetites of all might grow to the proper 24-karat proportion. To the athletic field everybody went and here the games were conducted under the management of Col. John L. Shepherd. It may be said now that, while quite a number achieved renown, the hero of the day was Percy Savory, who won the president's cup by a feat in running which was the wonder of the entire club. Another notable feature was the success of the Crippens in annexing prizes, causing some good-natured raillery, with compliments to E. R. Crippen on the fact that H. R. Crippen is a "chip of the old block." The really picturesque figure on the field was David Kaiser. While not winning any prizes, yet he had the courage to take part in nearly every contest, enlivening the events equally with sprightly vocabulary and physical exertions. His demand for handicaps because of being older than the other contestants was not considered, because a few years more do not count with him.

The first event announced by Col. Shepherd was the sack race, which was run in heats. F. W. Rauch distinguished himself by his skill in holding his sack, so that it was not in his way much more than a pair of trousers and in the first heat he crossed the line while several others were rolling around in the field trying to extricate themselves from the folds of their unusual garment. F. E. Goode came in second, George Schwob third and H. R. Crippen fourth.

In the next heat Paul Hyer came in first and W. E. Strain second. In the final Mr. Rauch won easily, this entitling him to first prize. Mr. Hyer came in second, Mr. Goode third and Mr. Strain fourth.

The merriment aroused by the sack race having subsided, there was a loud call for volunteers to enter the potato race. The following were obtained for the first heat: H. R. Crippen, Percy Savory, F. E. Goode, George Schwob and Leo Wormser. Mr. Crippen was an easy winner, with Mr. Savory second.

The potatoes were then arranged as before, six in a row, for the second heat, in which the contestants were Wm. E. Strain, David Kaiser, M. Laubheim, J. B. Wood and J. L. Bennett. Mr. Strain won this heat, getting his potatoes into the basket ahead of everybody except Mr. Kaiser, who was disqualified, it being discovered that friends had moved his basket half down the field to help him, and that he gathered two at a time. With mock earnestness he protested that the committee had placed more potatoes for him to pick up than for the others. In the final heat Mr. Crippen won, Strain slipping on the grass and dropping potatoes.

Now came the 100-yard dash for members only. Col. Shepherd delegated H. R. Crippen and George Schwob to act as judges at the finish line. The course was over a slippery and grassy slope, it being preferred to a smooth road because of the increased chance of the runners falling. These were the entries: Percy Savory, Wm. I. Rosenfeld, William Kinna, David Kaiser, Jerome Adler, William Kleinschmidt, H. R. Benedict, E. R. Crippen.

After the word was given the runners scattered, with Messrs. Savory and Rosenfeld in the lead, to the surprise of some spectators, who did not expect the "heavyweights" to make a showing of this kind. Down the slope came the two leaders, neck and neck, with the crowd rooting first for one and then for the other, Savory spurting several yards from the line and winning by not more than a foot. His friends took the victor to one side of the field, where they poured cold water on his head and fanned him until he recovered his breath.

Throwing the ball came next and H. R. Crippen won.

In the quoit contests E. R. Crippen won first prize and A. W. Moyer second prize.

The hour for eating having arrived, all took their places at the tables. In the center of the first table sat President Wormser, while at either end were Col. John L. Shepherd and "Jack" Townsend.

President Wormser, after rapping for order, said that all were present to fill their lungs with fresh air and their stomachs with food, and that this was no occasion for speechmaking. Everybody fell to and enjoyed the menu, comprising celery, hard and soft clams, fish, potatoes, cucumbers, lobster, chicken, sweet potatoes, green corn and watermelon. The liquid was poured from pitchers and was foamy.

During the dinner a cablegram was read as follows:

AACHEN, Germany, Sept. 8, 1906.
Twenty-four Karat Club, Port-Au-Peck Hotel, Long Branch, N. J.:
Prosit. WILLARD H. WHEELER.

All stood and drank with enthusiasm to the health of Mr. Wheeler, who is treasurer of the club.

Archie Rutherford, who did not go to the grounds with the rest of the party, reached the tables soon after the feast began and, in theatrical talk, received a "great hand," everybody rising to extend welcome and to cheer.

One of the merriest groups was at Mr. Townsend's end of the first table, where sat the Philadelphians, including L. P. White, Wm. H. Long, Joseph Cadwallader, Benjamin F. Griscom and Mr. Berlet, of Maxwell & Berlet. Flanking them on one side was J. R. Goodwin, who acted as their escort in coming from Philadelphia, and whose sonorous voice, emitted straight from the diaphragm, was in itself a joy to the company.

When the cigars were passed Col. Shepherd awarded the prizes. Mr. Savory was loudly applauded as the president's cup was handed to him. This cup is made of solid oak in a mounting of silver plate. It stands 10½ inches high and the diameter at the mouth is five inches. The silver mounting is cut in an attractive design, showing pond lilies. The inscription engraved on the silver bands reads as follows: "President's Cup, Summer Outing, 1906. Presented by Leo Wormser." On the top of the cover is another inscription reading "Twenty-four Karat Club," this encircling the club's coat-of-arms, with the typical carrot enameled in colors.

Five other cups, each somewhat similar to the president's, but of smaller size, were awarded. F. W. Rauch received a cup as winner of the sack race; H. R. Crippen received two cups as winner of the potato

EICHBERG & CO.,
IMPORTERS AND CUTTERS OF
DIAMONDS,
65 NASSAU STREET, (Prescott Building.) NEW YORK.

STERN BROS. & CO.,
IMPORTERS AND CUTTERS OF
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CUTTING WORKS:
138-142 West 14th St., N. Y.
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AZTEC TURQUOISES
TRADE-MARK. TRADE-MARK.
Mines: MINERAL PARK, ARIZONA.
Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.
THE AZTEC TURQUOISE COMPANY,
12-16 JOHN STREET, NEW YORK.

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SPECIAL ATTENTION
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The International Gem Co. Inc.
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TELEPHONE, 1241 CORTLANDT
LAPIDARIES and IMPORTERS of PRECIOUS STONES
SPECIALISTS IN REPAIRING AND REPOLISHING RARE AND VALUABLE GEMS
DRILLING — ENGRAVING — SLITTING

Cutters of DIAMONDS
THE BOSTON DIAMOND HOUSE
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387 Washington St., Boston, Mass.
We are receiving Monthly Shipments of Diamonds from our Brazilian Mines, which are on exhibition at our Boston Office.

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IMPORTERS OF PRECIOUS AND IMITATION STONES
Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
JOBBING STONES A SPECIALTY
47 and 49 Maiden Lane, NEW YORK

and ball throwing contests; E. R. Crippen received a cup as the first prize in the quoit contest, and Alfred W. Moyer received a cup as second prize in this contest. Members are to receive cards which will entitle them to handsome pewter cups appropriately inscribed as a souvenir of the dinner.

Before leaving the tables there was drunk a hearty toast to C. F. Brinck, who, though not a member of the committee, was described by Mr. Kaiser as "the man who does all the work." Others agreed and said that Mr. Brinck worked all day while others played because he is built that way and he gets just as much enjoyment out of the event as anybody else.

After the dinner came the baseball game, an event to which all had been looking forward. The manufacturers' nine was composed of Schierloh, p.; Kohn, c.; Goode, 1b.; Calloupe, 2b.; Canfield, 3b.; Kinna, lf.; Kaiser, ss.; Wood, rf.; Hyer, cf.

On the jobbers' side these players volunteered: H. R. Crippen, p.; J. Schwob, c.; Allison, 2b.; Marx, lf.; White, 1b.; Rosenfeld, 3b.; Blindenhofer, rf.; Rutherford, lf.

Because of the necessity of starting back on the trolleys before 5 o'clock, in order to catch the train, the full game was not played, but there were several sharp innings. After the game started, Mr. Kaiser insisted on changing position and pitching for the manufacturers. This added to the amusement of everybody and also to the number of runs that the jobbers made. After the opposing players had knocked the ball around to their hearts' delight, Mr. Kaiser declared that this was always the way, as the jobbers get all the money and the manufacturers have no chance. On the manufacturers' side they did not do much batting, because Mr. Crippen's curves were real. There was consolation for them when Harry Canfield went to the bat. After shaking hands with Catcher Schwob in token of friendship, as in the roped arena, Mr. Canfield watched for the ball. He allowed one or two cut curves to pass, and then Pitcher Crippen sent a straight one over the plate just to see what would happen. Canfield's club hit it all right and the ball went soaring over the left field into the corn field. It was a home run, the only one of the day. After Mr. Canfield crossed the plate he rolled in the grass while his friends fanned him, the manufacturers cheering until they were hoarse.

The trip back was quite as enjoyable as going. On the boat coming up the bay the playing of the band was as spirited as if the musicians were just starting out fresh. "Pop" Voss, on discovering that E. H. Pelletreau understood band music, allowed him to lead a number or two, much to the amusement of the club and the musicians, but the latter discovered, on a trial, that they could not "play horse" too freely with the improvised conductor.

The pier was reached on the return trip soon after 7 o'clock, and everybody declared the outing the most successful in the club's history.

Those present were:

Wm. Allison, Jerome C. Adler, Chas. F. Brinck, F. Berdine, H. R. Benedict, Alvin Boody, J. L. Bennett, George A. Blindenhofer, E. J. Berlet, H. N. Beers, A. Bencke, Harry Canfield, Chas. B. Churchill, E. R. Crippen, H. R. Crippen, Herman Conradi, Harry Castleberg, Baltimore, Md.; H. J. Cowell, Cleveland, O.; J. C. Cadwallader, Phila-

delphia, Pa.; F. Diebold, H. N. Eliassof, John Frick, R. R. Fogel, J. F. Flack, W. H. Galloupe, F. E. Goode, George L. Gillon, C. A. Garlick, Chicago; Benjamin F. Griscom, Philadelphia, Pa.; John R. Goodwin, James R. Gleason, Charles Hartdegen, Chas. S. Hannon, A. P. Hinton, J. M. Henwood, Binghamton, N. Y.; Paul Hyer, A. M. Hill, New Orleans, La.; Chas. A. Haney, F. W. Judge, W. H. Kinna, Arthur A. Kahn, David Kaiser, Oscar W. Kohn, C. E. Kohn, E. P. Kohn, Alfred Krower, George Knobloch, Wm. Keinschmidt, Morris Koenigsberg, Baltimore, Md.; M. G. Levy, M. Laubheim, G. B. Lunt, Wm. H. Long, Philadelphia, Pa.; Oscar Lipton, Harry C. Larter, Valentine Mott, P. C. Maylone, Chas. Marx, Alfred W. Moyer, Lancaster, Pa.; F. G. McLean, E. C. North, Morton Ollendorf, Harry Oppenheimer, Chas. Olpp, Bernard Osborn, Jr., E. H. Pelletreau, Philip Present, Rochester, N. Y.; Henry Patterson, Boston, Mass.; Chas. L. Power, Archie Rutherford, F. W. Rauch, A. Rosenthal, R. I. Rosenfeld, Charles D. Rood, A. L. Stearns, G. T. Stebbins, John W. Sherwood, Julius Siegbert, Percy H. Savory, Lawrence Samuel, Adolphe Schwob, W. A. Stoyle, Jules Schwob, W. R. Skillman, Frank Storey, E. H. Simonson, Chas. W. Smith, Wm. E. Strain, J. L. Shepherd, J. F. Schierloh, George Schwob, F. W. Trewin, Fred W. Thorne, "Jack" Townsend, J. C. Von Arx, Leo Wormser, J. L. Warner, Fred. Wolstenholme, J. B. Wood, W. G. Wood, L. P. White, Philadelphia, Pa.; W. H. Wright.

"Jewelers' Night" Celebrated in St. Louis, Mo., Under the Auspices of the R. J. A. of Mo.

St. Louis, Mo., Sept. 12.—The largest gathering of jewelers in the history of St. Louis was that which assembled at Forest Park Highlands, Wednesday evening, to celebrate "Jewelers' Night" at that resort. The affair was given under the auspices of the Retail Jewelers' Association of Missouri, and the jewelers, with their families and friends, made up one of the large crowds of the season at the Highlands.

The retail jewelers were assisted in the arrangements by the jobbers. The event was a great success, and everyone reported having had a most enjoyable outing. The principal feature of the entertainment was a vaudeville performance in the theater, a special programme having been arranged for the benefit of the jewelers. After the close of the performance a handsome gold medal was presented to Miss Mulhall, one of the vaudeville stars, by the Jewelers' Association as a souvenir of Jewelers' Night. The presentation speech was made by Herman Mauch, president, who acquitted himself creditably. The engraving on the medal showed Miss Mulhall in the act of roping a steer when she won the championship. The medal was made by the Eisenstadt Mfg. Co.

In the drawing contest, which took place in the theater after the close of the vaudeville performance, the first prize, a diamond bracelet, was won by S. P. Jordan; the second prize, a silver punch bowl, by Will Eller, of 3024 S. Jefferson Ave. Dale Thomas, of 1515 Locust St., won a diamond scarf pin; Charles Leysaht, of 1031 S. 11th St., a cut glass vase; Paul Brown, of 10 Washington Terrace, a diamond pin, and Mrs. Charles Jackson, of 132 Rankin Ave., a gold watch and chain.

The prizes were donated by the L. Bauman Jewelry Co., Bauman-Massa Jewelry Co., Eisenstadt Mfg. Co., Henry Freund & Bro. and the Pool Silver Co.

After the performance a special programme of music was rendered by the Hawaiian Band, now playing an engagement at the Highlands. The members of the Entertainment Committee who are responsible for the success of the evening are: Ger. Eckhardt, Herman Mauch, W. F. Kemper, O. H. Kortkamp, John Schmidt and Otto Steiner.

Street Car Strike in San Francisco, Cal., Hampers Industrial Progress of That City.

San Francisco, Cal., Sept. 6.—The street car strike in San Francisco is still on, and the chances of an early settlement seem no better than they did a week ago. Speaking of the situation, a well-known jeweler said: "It would seem that all the misfortunes of fire and destruction were not trial enough for her endurance, and to these woes have been added the tribulations of industrial strife. On one hand there is a body of organized workmen demanding higher wages and shorter hours, and enforcing their demands by a refusal to work, and on the other a powerful corporation seeking by every means to block the wishes of its employes.

"Between these two millstones of dissatisfaction the industrial life of the city is being impaired, and at the present time, with hundreds of enterprises in a precarious financial condition as a result of the great fire, this is especially deplorable. Should the present car strike continue for any length of time—say, even at a conservative figure, 40 days—many of the merchants of this city, heavy losers in the April fire, now occupying temporary shacks throughout the new retail center of San Francisco and doing business on a credit basis, will be forced to the wall. It is a well-known fact that pending the settlement of the insurance claims more than one-third of the city's burned-out retailers, in an attempt to resume business, have taken exceedingly large chances.

"Those insured with the German companies and those with others have, through the refusal of these firms to pay, found themselves in a dangerous position. Efforts to remain solvent, however, would have been unavailing but for the action of both local and eastern wholesale firms in organizing a vast credit system in all lines of business. Depending upon the loyal patronage of the city, retailers have accepted large quantities of goods, believing that they might be rapidly turned into cash and all due obligations met.

"Up to the time of the present trouble the retailers' prospects were being realized to the fullest extent, but now conditions have changed. Along Van Ness Ave. and Fillmore St., where the retail merchants depend almost entirely upon the car service to carry purchasers to and from their establishments, the effect of the strike has been to a large extent demoralizing. This can readily be understood when it is considered that although better bargains than ever are being offered in the big shopping district, people through lack of transportation are forced to confine their purchases entirely to the stores in their vicinity. That the big retail firms are being hurt is clearly evidenced by the fact that all of the department stores are daily reducing the number of employes. What is true of business in general is true of the jewelry trade, and the retailers are being hit especially hard."

Mr. Radke, of Radke & Co., said: "We had been doing a wonderful business before the present trouble; in fact, our sales were fully triple in volume compared with the regular sales of our downtown store before the fire. The present trouble is most deplorable, and has cut a heavy figure with our trade, but we expect business to be just that much better when the cars start again."

Death of David Miles Hubbell.

Hoboken, N. J., Sept. 8.—David Miles Hubbell, who for many years had been in the retail business in this city, died yesterday at his home over his store, at 60 Newark St. For two years Mr. Hubbell's health had been failing, he having suffered from bronchial trouble. About three weeks ago he was obliged to take to his bed, his malady being complicated since then by Bright's disease.

The deceased was born July 13, 1847, in Bridgeport, Conn. When a small boy the family moved to New York, settling in the old Ninth Ward, where they lived for 20 years, during which time David learned the jewelry and watchmaker's trade with W. E. Moore, on Greenwich St. He became especially expert in the repairing of watches, and held positions with several large houses in New York before coming to this city, where he started in business on 1st St. He soon moved to 60 Newark St., where he remained for 31 years, up to the time of his death. His store was of the old-fashioned kind, but Mr. Hubbell did a large repairing business, and was considered an expert horologist.

In politics Mr. Hubbell was an active Republican. He was for years a judge of the Board of Elections, and for a considerable time a member of the Republican County Committee.

Mr. Hubbell was a Mason, and was connected with the Masonic Temple in New York. He was twice married, first to Fannie McGill, a Connecticut girl, and the second time to Catherine James, of Brooklyn, by whom he is survived. There are also four daughters, three by the first wife and one by the second. The daughters are Mrs. Eliddia Holly, of Roseville; Mrs. Albertina Jacobus, of Bloomfield; Mrs. Nellie Menet, of Morristown, and Miss Fannie Hubbell, who lives at home.

Death of E. B. Pendleton.

Nashville, Tenn., Sept. 5.—E. B. Pendleton, who died at his home at W. Main St. Sunday after a long illness, was widely known in the jewelry trade and one of the most popular members of the staff of the B. H. Stief Jewelry Co., with which he had been connected for a very long time.

Mr. Pendleton, who was 72 years of age, was a native of Connecticut, and came to Tennessee 30 years ago, settling in this section. He first lived at Leeville, and moved later on to Lebanon. He married Miss Ellen Lindsley, of Wilson County, who, with five children, survives him. The funeral services were conducted from his late home Monday afternoon, and the remains were interred in Cedar Grove Cemetery.

Samuel E. Hall, Hampton, Ia., has been succeeded by Erwin Bros.

THE DEMAND FOR
ALL SIZES AND QUALITIES OF
MONTANA SAPPHIRES

SEEMS TO BE INCREASING WHILE THE SUPPLY OF DESIRABLE MONTANAS WILL PROBABLY FALL SHORT OF THE MARKET REQUIREMENTS THIS SEASON

WE HAVE A GOOD STOCK
OF THESE STONES, OUR OWN AND FOREIGN
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OFFICERS

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JAMES C. BELL, Vice-President
WILLIAM H. ROGERS, Cashier
EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

Buffalo, N. Y.

Herbert B. Wickens, optician, with E. R. White, 1420 Main St., has located in Kingston, Ont.

Albert Beck, of the Beck Mfg. Co., 113 Clinton St., is home from a short vacation trip to Saratoga Springs and Lake George.

T. C. Tanke, Main and Eagle Sts., and his wife are expected to arrive home this week from an extended trip in Europe.

Paul Kinney, who had been unable to speak until last week as result of falling from a bicycle on July 9, talks rationally now. He is a son of Jireh Kinney, retailer in Seneca St.

The work of remodeling the entire store of Present & Co., 444 Main St., is now in progress. The improvements when complete will entirely change the appearance of the establishment.

John Lang, five years refractionist for Dr. Grove, oculist, has taken charge of the optical department in C. F. Chouffet's store on Main St. Mr. Lang succeeded Dr. Berry, who has located in Michigan.

Mrs. Walter Wilson, whose husband, the well-known Main St. pawnbroker, was killed a few weeks ago in an automobile accident, will continue the business in her husband's name. Mrs. Wilson has just been discharged from the hospital, she, too, having been seriously hurt in the accident.

On Tuesday night of last week robbers entered the jewelry store of S. L. Levy, 483 Main St. They smashed a transom over the front door, used a screen door as a ladder, and then crawled through the opening. A terrific storm of rain and thunder broke over the city about 4 o'clock in the morning, and the robbers are supposed to have entered the place at that time. The thieves got away with $500 worth of jewelry, then climbed out through the transom opening and escaped, leaving no clue. The stock, however, is insured against thieves, and Mr. Levy loses nothing.

Optical Notes and Briefs.

T. Riley Jones has opened optical parlors at 1122 Mission St., South Pasadena, Cal.

The Bausch & Lomb Optical Co., San Francisco, Cal., is now located on Geary St., near Buchanan St.

A. E. Howard, optician and jeweler, Merced, Cal., will visit Mariposa, Cal., once a month, and will be located at the Mariposa Drug Store.

R. H. Hubbard, San Francisco, Cal., has leased a store at 107 S. 9th St., Boise City, Idaho, where he has opened an optical establishment.

Last Friday evening the Buffalo (N. Y.) Optical Society met in the parlors of the Lafayette Hotel. Dr. John Wagner, of 91 E. Genesee St., gave a talk on "Muscular Deficiency." Delegates to the A. A. O. convention in Rochester reported.

The regular meeting of the Optical Society of the City of New York will take place this evening in Parlor D.R., at the Fifth Avenue Hotel, Fifth Ave., between 23d and 24th Sts., New York, at 8 P. M. This will be the first meeting since that held in June, and a number of important matters will be taken up. Professor Lockwood will be present, as usual, and hold the quiz.



Lee Kahn, of Lindenberg & Fox, Cincinnati, O., leaves, this week, for his southeastern trip.

Frank A. Flagg, formerly with the Johnson, Hayward & Piper Co., goes on the road this Fall as salesman for the Thomas Long Co., Boston, Mass.

Traveling representatives who called upon the Toronto, Ont., trade, last week, included: Izri B. Lederer, S. & B. Lederer Co.; George Bedient, Rogers Silver Plate Co., and the representatives of Gideon Bek, Pforzsheim, Germany, and the Wm. L. Gilbert Clock Co.

Traveling representatives who visited San Francisco, Cal., within the past week, are: Dolly Untermeyer, Untermeyer, Robbins Co.; Mr. Birmbaum, J. Stanley, Mauser Mfg. Co.; Arthur Rosenberg, Alling & Co.; Mr. Colson, J. Hoare & Sons.

Traveling men visiting Boston, Mass., during the past week, included: H. E. Slater, Whiteside & Co.; D. D. Brokaw, Douglas Tompkins, Mabie, Todd & Bard; Mr. Curran, A. J. Hedges & Co.; Jacob Schorch, I. Emrich & Co.; Mr. Scofield, T. W. Adams & Co.; Julian G. Hall, Carrington & Co.

The following traveling representatives were in Lancaster, Pa., recently: Lew Hodges, E. A. Potter & Co.; Mr. Kramer, J. T. Mauran Mfg. Co.; Benj. J. Cooke, B. J. Cooke's Sons; A. W. Bogart, Waterbury Clock Co.; Fred Crane, Mandeville, Carrow & Crane; S. D. Klein, Eisler & Laubheim; J. Miller, Dilloway, Barbour Silver Co.; C. B. Smith, M. B. Bryant & Co.; E. W. Dellar, Wm. S. Hick's Sons; John A. Pryor, Pryor Novelty Co.; Wm. Froclich, Manasseh Levy & Co.

Among the travelers in Louisville, Ky., recently, were: Fred J. Foster, Unger Bros.; Thos. E. Rogers, Riker Bros.; Jerome Lissauer, R., L. & M. Friedlander; J. M. Curtis, Meriden Silver Plate Co.; M. L. Barnard, Larter & Sons; J. M. Morrow, American Watch Case Co.; Percy D. Lucas, Frank W. Smith Co.; M. Kornberg, Wagner Mfg. Co.; L. H. Smith, Bippart, Griscom & Osborn; Geo. A. Allsopp, Jr., Allsopp Bros.; S. K. Jonas; Edw. E. Allsopp, Allsopp, Wordley & Bloemke Co.; Fred. Casper, Mauser Mfg. Co.

Among the traveling representatives who called on the trade in St. Louis, Mo., last week, were the following: Frank J. Young, Hartford Sterling Co.; Frank L. Wood, Ludwig Nissen & Co.; B. J. Hirshorn, Hodenpyl & Walker; George W. Beardsley, Allsopp & Allsopp; Henry H. Jacobson, Jacobson Bros.; William F. Koch, American Morocco Case Co.; Meyer Lehmann, Ludwig Lehmann; Edward L. Johnson, R. M. Johnson & Son; Mr. Hopkins, H. P. Sinclair & Co.; S. W. Abbey, E. Ira Richards & Co.; Cyrus Price, Cyrus Price & Co.; Zach A. Oppenheimer; Max Arnstein, Arnstein Bros. & Co.; H. N. Van Bergen, Snow & Westcott; A. G. Kimball, Landers, Frary & Clark; O. H. Hull, Pairpoint Corporation; J. Thompson, J. B. Bowden & Co.; F. D. Newburger, R. Blackinton & Co.

Traveling salesmen who called on the Cincinnati, O., trade, during the past week, included: S. Arnstein, Arnstein Bros. & Co.; George Southwick, Payton & Kelley Co.; J. W. Thorson, M. A. Mead & Co.; Mr. Bernstein, Tuthill Cut Glass Co.; L. Levy, William Demuth Co.; William Huger, William Huger & Co.; Mr. Delano, Day, Clark & Co.; J. A. Limbach, Theodore W. Foster & Bro. Co.; F. L. Pettee, Waterbury Clock Co.; Edward L. Johnson, R. M. Johnson & Son; John M. Cutter, Trenton Watch Co.; Dick Robinson, Bugbee & Niles Co.; W. M. Manes, Louis H. Brown; Mr. Rosenberg, American Bead Co.; William Bosselman, T. Quayle & Co.; James Otis, Harvey & Otis; William Rosenberger, A. Wallach & Co.; E. D. Wellon, C. Dorflinger & Sons; Fred Casper, Mauser Mfg. Co.; S. C. Corbin, Waterbury Clock Co.; Mr. Trown, Ostby & Barton Co.

The trade at Pittsburg, Pa., was, last week, visited by the following traveling representatives: J. Williams, Fera & Kadison; D. A. Davidson, Wallach & Davidson; Frank L. Wood, Ludwig Nissen & Co.; Charles L. Brown, Ostby & Barton Co.; M. Decker, Plainville Stock Co.; J. H. Miller, Chester Billings & Son; George L. Jann, C. F. Rumpp & Sons; Harry Lissauer, Jacobson Bros.; J. T. Griffith, Jr., Carter, Howe & Co.; A. J. Sherrard, Enos Richardson & Co.; Wm. V. Middlebrook, B. A. Ballou & Co.; R. H. Schley, Sloan & Co.; Chas. S. Down, F. H. Cutler & Co.; C. E. Platt, Theodore W. Foster & Bro. Co.; Geo. L. Paine, Geo. L. Paine Co.; W. H. Gregory, Strobell & Crane; H. B. Carmichael, Bride & Tinckler; Edwin F. Skinner, Roy Watch Case Co.; Edgar Huhn, Potter & Buffinton Co.; Wm. Bosselman, T. Quayle & Co.; E. B. Bennett, Waite, Mathewson & Co.; G. W. Bleecker, Martin, Copeland & Co.; H. B. Bliss, Gorham Co.; Mr. Harmer, Solidarity Watch Case Co.; Mr. McClannin, Wilcox Silver Plate Co.; G. A. Schaefer, Regnell, Bigney & Co.; W. S. Dudley, Rogers, Smith & Co.; D. W. McGavin, Riley & French.

The following traveling representatives called on the trade in Kansas City, Mo., during the past week: George Southwick, Payton & Kelley Co. and W. E. Richardson; W. S. Sparrow, Stern Bros. & Co.; B. Hyman, Hirsh & Hyman; Robt. L. Clark, Towle Mfg. Co.; T. W. Agnew, New Haven Clock Co.; Chas. E. Sutton, Flint, Blood & Co.; J. K. Carlisle, Follmer, Clogg & Co.; H. M. Heymann, L. Adler & Son; H. A. Scofield, Scofield, Melcher & Scofield; Herbert E. Reich, Hayden W. Wheeler & Co.; A. H. Cohn, Eastwood Park Co.; F. E. Whiting, Whiting & Davis; Ira W. Smith, Horton, Angell Co.; Maprice Kohn, Silberman, Kohn & Wallenstein; Chas. S. Peckham, J. H. Peckham & Co.; Mr. Vaslett, Fletcher-Burrows Co.; Mr. Dorrance, Simons Bro. & Co.; L. E. Fay, R. F. Simmons Co.; Sam D. Brooks, E. & J. Bass; O. H. Hull, Pairpoint Corporation; F. C. Allen, Sansbury & Nellis; M. F. Thornton, A. Lounsbury & Son; Theo. L. Lyons, Lyons Gem Co.; Frank B. Lawton, P. J. Cummings Co.; E. B. Bennett, Waite, Mathewson & Co.; G. H. Howard, Mason, Howard & Co.; E. W. MacAllester, Irons & Russell; H. S. Noyes, Bates & Bacon; Edw. O. Krauss, Western Watch Case Mfg. Co.; Wm. F. Koch, American Morocco Case Co.; Harry E. Barkman, Jones & Woodland; S. J. Gasper, O. F. Egginton Co.; Geo. W. Beardsley, Allsopp & Allsopp; B. J. Hirshorn, Hodenpyl & Walker; Chas. S. Untermeyer, Chas. Keller & Co.

Among the traveling representatives who visited Omaha, Nebr., last week, were: R. P. Swanwick, Link & Angell; Leonard M. Batt, Byron L. Strasburger & Co.; John O. Slemmons, J. B. Bowden & Co.; G. L. Titus, International Silver Co.; Meyer Lehmann, Ludwig Lehmann; DeLancey Stone, Shafer & Douglas; Mr. Cunningham, Regnell, Bigney & Co.; Mr. Pierce, T. I. Smith Co.; Harry E. Farquharson, E. D. Gilmore & Co. and E. A. Potter & Co.; L. E. Fay, R. F. Simmons Co.; Louis A. Blackinton, W. & S. Blackinton Co.; Geo. L. Paine, Geo. L. Paine Co.; A. H. Cohn, Eastwood Park Co.; Frank W. Bloomer, E. I. Franklin & Co.; Mr. Remington, Carter, Qvarnstrom & Remington; M. H. Mason, James E. Blake Co.; F. C. Allen, Sansbury & Nellis; Al. Wormood, Illinois Watch Co.; Richard L. Saunders, Paye & Baker Mfg. Co.; S. W. Abbey, E. Ira Richards & Co.; M. Gluck, Arnstein Bros. & Co.; C. H. Anderson, Ross, Saltman & Anderson; A. M. Breckenridge, Benj. Allen & Co.; A. M. Brinckle, C. F. Monroe Co.; R. Bolle, M. W. Carr & Co.; F. E. Whiting, Whiting & Davis; E. M. Bliss, Bliss Bros. Co.; T. W. Freedman; H. S. Noyes, Bates & Bacon; John S. Cunningham, E. L. Spencer Co.; Mr. Vaslett, Fletcher-Burrows Co.; John Mertz; Mr. Stevens, Bay State Optical Co.; S. E. Dodge, Johnston Optical Co.; J. E. Morehouse, Kennedy Optical Co.; M. R. Smith, La Pierre Mfg. Co.; A. Lounsbury, A. Lounsbury & Son; G. W. Finckenauer, Alvin Mfg. Co.; E. N. Friedman, Will & Baumer Co.; Mr. Watts, J. Hoare & Sons.

R. A. Heggie & Bro. Co. has just been incorporated in the State of New York to succeed R. A. Heggie & Bro., Ithaca, N. Y. The capital stock of the new concern is $40,000. The incorporators were: Robert A. and Willis C. Heggie and Harry R. Hawkins, all of Ithaca. The business of R. A. Heggie & Bro. was started in 1878 by Robert A. Heggie, who admitted his brother as a partner in 1898. The members of the firm are considered practical business men of good financial standing.

News Gleanings.

E. Bjurstrom, Bucklin, Mo., has sold out.

J. W. Hill, Bay City, Tex., has gone out of business.

J. F. Hibbard, Amsterdam, Mo., has discontinued business.

The store of the late P. E. Hodsden, Milo, Me., has been closed.

Louis M. Derby, Albion, N. Y., has moved to Medina, N. Y.

M. D. Ellis, Clare, Mich., has been succeeded by E. A. White.

M. A. Bratrud, Crookston, Minn., has moved to 106 N. Main St.

The store of E. H. Tipton, Ottawa, Kans., has been closed by creditors.

E. G. Sherman moved to Norman, Okla., recently, from Frankford, Mo.

M. A. Hagen, Fargo, N. Dak., has gone to New York on a buying trip.

B. F. Spencer moved recently from Remington, Ind., to Lincoln, Kans.

J. La Page has purchased the business of Douglas Greeley, Pine City, Minn.

Clarence A. Dyer, Livermore Falls, Me., has been succeeded by H. F. Small.

Benj. Dizon has left Yonkers, N. Y., where he was engaged in business.

Linus W. Inman, formerly of Elizabeth, N. J., is now at Greensboro, N. C.

The business of the late Cyrus Ramsey, Montezuma, Ga., who died recently, will be discontinued.

The Townsan Jewelry Co., Mitchell, S. Dak., will soon open temporary quarters in the Devy building.

J. H. Ingram, Belzona, Miss., has disposed of his business interests, at that place, to Wm. B. Herrington.

The H. F. Barnard Co., Muscatine, Ia., held a formal opening of its new store at 213 E. 2d St. last week.

Rubin Rothstein, Cadillac, Mich., has admitted a partner, and the business is being continued under the style of Wiesman & Rothstein.

The Edwin Bennett Pottery Co.'s plant, at the southeast corner of Central and Canton Aves., Baltimore, Md., was damaged by fire, recently. The blaze was stubborn and baffled the fire department for more than two hours. It is thought the damage will not exceed $5,000, which is covered by insurance. The factory is a three-story brick building, covering almost a block. A considerable amount of unfinished pottery was ruined, among which were a number of pieces of fancy pottery which was to be part of the firm's exhibit at the Home Products Exposition, to be held at Electric Park this week. The fire was the third that has occurred in the factory within the last six years.

It is the intention of Abel Bros. & Co., 66 John St., New York, to carry even a greater assortment of precious and semi-precious stones than ever before. The firm has always catered to the manufacturer with this line, but the recent European trip taken by John Abel has induced the concern to branch out. Mr. Abel visited Turnan, Prag, Gablonz, Reichenau and Reichenberg, in Bohemia; Idar, Oberstein, Hettstein, Hanau, Pforzheim and Hamburg in Germany, and Paris, Amsterdam and Antwerp, having made heavy purchases of stones in all of the foregoing centers.

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NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.,

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Some Notable Foreign Automobile Trophies of the Present Season	45
Unique Exposition of Fans at Paris	45
Death of Ezra Bishop	46
Death of Ernst Schall	46
Dr. Geo. F. Kunz's Report on Precious Stones—(Continued)	47
London Letter	49
Exports of Jewelry, etc., from New York	49
Tests for Precious Stones	51, 59
General Appraisers' Decisions on Jewelry and Kindred Lines	59
Enjoyable Clambake of the Jewelers' Club of Philadelphia	61
Court Denies New Trial to Jeweler Convicted of Arson	61
Death of Jacob Muhr	63
Proceedings of the Jewelers' League	63
Insurance Co. Makes Charges Against Iowa Jeweler	63
Thieves Steal Jewelry Worth $2,125 from Home of Newark Manufacturer	64
Jewelers' Gold Bars Withdrawn at New York.	64
Annual Outing of the Twenty-four Karat Club of New York	65
Street Car Strike in San Francisco Hampers Industrial Progress	67
R. J. A. of Mo. Celebrates "Jewelers' Night" at St. Louis	67
Death of David Miles Hubbell	67
Imports at New York	77
Thieves Assault and Rob Jersey City Jeweler.	77
The Diamond Markets	89
A Chicago Veteran's Autobiography	92
Patent Department	97
Popular Talks on Law.—(Continued)	99
Watch Repairing.—(Continued)	101
Metallic Clock Cords	101
Variation in Marine Chronometers	103
An Old Clock of Surpassing Interest	105
A Notable Collection of Watches	105
Reasons But No Remedies	110
Prisms and Their Uses	111
Handsome Store of the Bauman Jewelry Co.	112
A Novel Advertising Card	112
How the Jeweler Can Meet the Competition of the Mail Order House—(Continued)	113
Displays in the Optical Window	113
The Enameling of Jewelry.—(Concluded)	115
Education and Its Place in the Art Industries of Germany	117
Some Interesting Facts About Coral	119

ON another page of this issue will be found an article on "Tests for Precious Stones" by E. Hopkins, for which the exclusive rights of publication in the United States have been given by the author to THE CIRCULAR-WEEKLY, and in Great Britain to the *Watchmaker, Jeweler, Silversmith and Optician*. Application for copyright has been made at Washington by this journal for the sake of keeping this information absolutely in the jewelry trade and preventing its publication by general magazines and newspapers. Permission will be granted to any member of the trade to make extracts therefrom, provided full credit be given the author and THE CIRCULAR-WEEKLY.

A NEW and important point was decided by the United States General Appraisers recently when this Board held that miniature picture frames composed of precious metal, studded with diamonds and pearls, were not dutiable as jewelry but should have been properly classified as manufactures of metal at 45 per cent. ad valorem. The Board took the ground that, irrespective of the material composing the article, if the articles are not designed to be worn on the person they are not articles of personal adornment, and are not, therefore, included in the dictionary definition of jewelry, no matter how valuable they may be. Heretofore it has been quite a common custom to classify set or mounted gems as jewelry, no matter what the setting was used upon. The new decision is another step in the movement along the lines of common sense that has characterized the opinions of the General Appraisers of late.

Jewelry Failures During August.

SPEAKING generally for the entire country, the commercial failures of last month were few in number but heavy in the amount of liabilities, the latter being augmented especially by two very large banking failures, one in Illinois and one in Philadelphia. Eliminating the liabilities of these two insolvencies, which were caused almost wholly by the individual dishonesty of the officers and not by commercial conditions, the showing for the month of August is one of the best of which there is a record. For the month *Bradstreet's* reports 630 failures in manufacturing and trading lines, and *Dun's Review* reports 767. According to the latter the manufacturing failures numbered 194, with liabilities of $3,000,000 as against 207 in August last year, with liabilities of about $2,500,000, while the failures among traders numbered 573 with liabilities of about $3,500,000, as against 623 last year with liabilities of $3,287,000.

As far as the jewelry trade is concerned the number of failures was very small during August, even for a midsummer month, and the liabilities, while larger than in August, 1904, were not much above the average. According to the tables of failures by branches of business, compiled for *Dun's Review*, the embarrassments among the jewelry and clock dealers last month numbered seven, with liabilities of $108,261, or an average of $15,466. How this compares with previous years can be seen from the fact that there were seven failures in August, 1905, with liabilities of $51,386; 17 in August, 1904, with liabilities of $158,598; 10 in August, 1903, with liabilities of $57,327, and four in August, 1902, with liabilities of $70,424.

On the whole, a careful survey of trade conditions shows that as far as this industry is concerned manufacturers and retailers have much to be thankful for and little to worry about. Collections appear to be good, and retailers in most sections are hopeful of being in a better position to meet their obligations for the Fall than they have been at the corresponding season of any previous year.

LETTERS TO THE EDITOR.

The Proposed Settlement of the I. G. Dillon & Son Co.

WHEELING, W. Va., Sept. 17.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

In your last week's issue your Pittsburg correspondent referred to the dissatisfaction of some of the local and Wheeling creditors in the I. G. Dillon & Son Co. settlement. As a special basis for this dissatisfaction, it may be mentioned that about the same time that the compromise arrangement was entered into by the New York creditors, a Wheeling jeweler made an offer to the trustee in bankruptcy for the remaining merchandise assets, of an amount which, had it been accepted, would have paid the unsecured creditors about 65 cents net on the dollar of their respective claims, and possibly more, as the collections are showing up well in the hands of the trustee. The above bid was made on the assumption that the business would go to a sale as advertised by the trustee.

It was, of course, unfortunate that the offer was not made a day or two earlier, but the Wheeling creditors, knowing that the bid was actually made, and also that there were other prospective bidders for the plant, had the stock been sold, feel that they have good cause for dissatisfaction at the proposed "composition" at 40 cents on the dollar.

The eastern creditors evidently lost track of the fact or did not investigate sufficiently to ascertain that the Dillon stock is not an ordinary bankrupt stock, but a strictly up-to-date line of high-grade goods, consisting largely of solid silver and diamonds, together with a very valuable franchise. It is a business that would surely attract a good class of buyers, and it is not improbable that at a sale an even larger amount would have been realized than indicated above.

These facts will no doubt be brought to the attention of the court at the hearing on Sept. 18, when the attempt is made to have the proposed settlement set aside.

Many retail jewelers here take a lively interest in the outcome of this matter. The Dillon establishment was the largest one in this section, and has in many ways offered hard competition, so that the proposed settlement does not accord with their idea of what is justice or fairness to them.

Yours for fairness,

SUBSCRIBER.

ON MEMORANDUM



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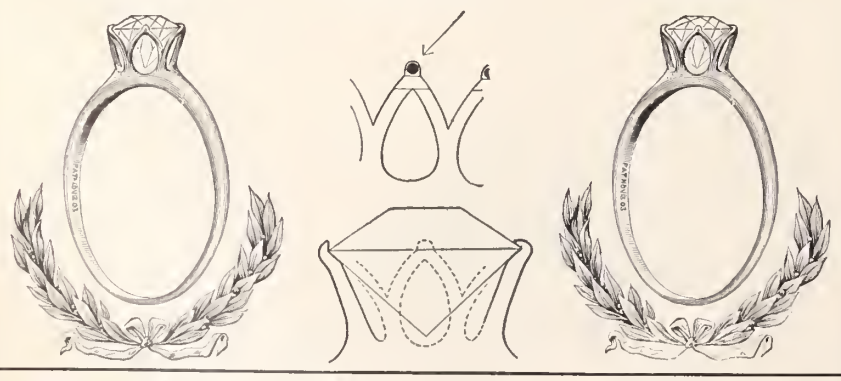
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ARCH CROWN MOUNTINGS IMPROVE DIAMONDS

Newark.

Noonday meetings in the interest of various candidates have been held in front of several jewelry factories during the past week.

Chas. C. Silk is no longer connected with Moore & Son, 22 Green St., an announcement to this effect having been sent out last week by the firm.

George M. Elliot's retail jewelry store at 85 Van Houten St., Paterson, N. J., was closed last week on a distress warrant obtained by the landlord, Nathan Barnert. It is said that Mr. Elliot is in arrears to the extent of $357 for the rental of the store during five months. Constable James Riley placed a padlock on the door. Mr. Elliot has been in business for many years, having begun on his own account in 1882. In 1902 he was burned out, and after the fire he filed a bill of sale. Subsequently a petition in bankruptcy was filed against him, and the creditors received nothing from the estate. After getting his discharge in bankruptcy he resumed business. It is believed that his present liabilities are not large.

Providence.

Henry Tilden, of the Tilden-Thurber Co., has been ill for some little time, and last week was confined to the house.

Mr. Budlong, of the S. K. Merrill Co., has been ill for the past week or two, although at last accounts he was convalescent.

Now that the Summer season is practically over local jewelers are beginning to return in droves from the shore resorts and other Summer places to take up the duties which the Fall season will bring.

Andrew Yaghian, one of the employes of the Waite, Thresher Co., was married Saturday evening with all due ceremony. There were present many well-known local Armenians, and two clergymen performed the ceremony.

The Rhode Island School of Design, toward which local manufacturers have displayed a liberal spirit in the way of contributions and scholarships, has announced that it will continue this year its courses in jewelry designing and drawing, as well as practical bench work. This department has won favor since its inception, and promises to attract a greater number of students than ever this coming term.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Sept.	4	$.67¼	31 3-16d.
"	5	.67⅜	31 1-4d.
"	6	.67¾	31 1-2d.
"	7	.67¾	31 7-16d.
"	8	.68⅛	31 5-8d.
"	10	.68⅜	31 11-16d.

J. M. Manning, Atlantic Highlands, N. J., has resumed his business duties after having been confined to his home, for a short time, by illness.

The business formerly conducted in Mobile, Ala., by the late Felix Thoma is being continued by Parker Bros. The senior member of the firm is Frank Parker, who had acted as manager for Mr. Thoma for several years. Troost Parker is the other member of the firm.

New York Notes.

Buchop & Steinlein have succeeded Geo. W. Steinlein & Co., 1552 Broadway, Brooklyn.

C. W. Andrew, of Andrew & Co., Ltd., Winnipeg, Man., has been passing 10 days in New York.

Harry Hertel, it is announced, is no longer in the employ of S. Wyler, 4 W. 28th St.

Stephen Varni was admitted Sept. 1 to A. & S. Espositor, 12 John St., and will attend to outside duties.

Ralph B. Brahe, representing Wm. J. Ward, 13 Maiden Lane, will start Sept. 18 to cover New York State and the east.

The engagement of L. Davidsburg, of L. Davidsburg & Co., 13 Maiden Lane, and Miss Irene Heilbrun was announced last week.

S. S. Speyer, of Speyer Bros., 49 Maiden Lane, returned Saturday from Europe on the *Campania,* after a trip combining business and pleasure.

John J. McGrane, who is a diamond dealer at 187 Broadway, and also conducts European pilgrimages, last week received notice that he had been declared a knight of St. Gregory by Pope Pius X.

Wm. I. Rosenfeld, 19 Maiden Lane, is a member of the September Grand Jury for New York County sworn in last week before Judge Rosalsky in Part II. of the Court of General Sessions.

Directors of the International Silver Co. have declared the regular quarterly dividend of 1 per cent. on the preferred stock, payable Oct. 1 to stockholders of record Sept. 17. Books will close Sept. 17 and reopen Oct. 2.

An indictment was found last week by the Grand Jury against Rufus Mason, 116 W. 77th St., accused of stealing seashells to the value of $250 from John H. Bunker's jewelry and notion store in the Flatiron building.

Judgment for $146.56 against H. Gross and in favor of M. Bolotin was awarded Aug. 29 in the Ninth District Municipal Court. A judgment against N. Newman for $123.25 was recently obtained in the same court by Mr. Bolotin.

Joe Berland, formerly at 1900 Park Ave., and Robert Nadler, have recently formed a co-partnership under the style of Berland & Nadler, and will conduct a jobbing business in jewelry, supplies, watch materials and optical goods at 30 Chrystie St.

It was decided last Thursday by the Board of United States General Appraisers that imitation precious stones with foil backs, imported by the Frankenberg Co., are dutiable at 20 per cent., and not at 60 per cent., as jewelry.

William E. Bradley, export agent at 116 Broad St., died recently at Liberty, N. Y. He was about 40 years of age, and had exported jewelry, mostly on commission from several Eastern manufacturers, for a couple of years. Prior to that time he had been an advertising solicitor.

Several jewelers on Fulton St., Brooklyn, signed a petition which was sent to the borough authorities last week asking them to restore the street to its formal condition by removing the obstructions and debris which have been there ever since the work on the subway was begun. It is claimed that the condition of the street has been a great injury to business and that there is now no reason why the cleaning up should be longer delayed.

A. C. Smith, City of Mexico, who was for many years with the Non-Magnetic Watch Co., New York, is in the city visiting his old friends, of whom he has many in the trade. Mr. Smith is now general watch inspector and superintendent of time service for a dozen Mexican railways.

A. Gottlieb, 326 Grand St., was in the Essex Market Police Court one day last week in response to a summons by a Bohemian girl, who had been employed as a servant for several weeks in his house. It appears that she was sent to Mrs. Gottlieb by the Austrian Society under an agreement that at the end of her period of service she was to go back to the society. Her complaint was that she had been deprived of her liberty, because she was not allowed to walk out on the streets. The magistrate learned that the young woman desired to marry a man who was in the court at the hearing, and the proceedings terminated with a wedding.

From Toronto, Canada, it is reported that a Greek named Peter Ecomopaulos was arrested in that city last week on complaint made by Martin Gebhardt, a diamond salesman of 245 Woodbine St., Brooklyn. In December, 1904, it is said the salesman left his case, containing jewelry valued at $4,000, on the counter of a candy store conducted at Broadway and Palmetto St. by Ecomopaulos and another Greek. While the salesman was in another part of the store the case disappeared. Next day, it is said, Ecomopaulos left the city. He has been superintendent of a Toronto candy store, and denies that his leaving Brooklyn had any association with the loss of the salesman's jewelry.

A queer pearl about the size of an acorn was received several days ago by Henry Fera, of Fera & Kadison, 65 Nassau St. If the report which reached Mr. Fera is correct, the pearl, while of no commercial value, is a most wonderful product. It was found in a mussel shell near New Durham, N. C., and is said to have been growing constantly since it left the shell. When it reached Mr. Fera it weighed 41 grains. He took correct measurements, and if the reported growth continues he will invite the opinions of scientific men as to the cause. The pearl was sent to Mr. Fera by G. H. Kirby, of New Durham, who asked only that nothing be done to it that would injure it, such as the application of acids. The pearl is of a lavender color, with delicate stripes.

Word was received in New York, Monday, of a daring robbery committed recently at the "Pala Chief" kunzite mine at Pala, San Diego County, Cal. The robbers got away with a quantity of kunzite and also tourmaline, and it is believed that they will try to sell their booty in the east. The jewelry trade is warned to be on the lookout for them. The stolen kunzite shows beautiful dark lilac specimens of the gem, while the tourmaline includes pink, yellow and other varieties, containing stones that show both pink and yellow shades. A reward of $250 is offered for information leading to the apprehension and arrest of the thieves, and jewelers who may be offered specimens of the stolen gems are requested to communicate at once with THE CIRCULAR-WEEKLY.

Philip Rodenberg, who has a retail store at 3 E. 125th St., Manhattan, while sitting with his wife in front of his place of business early on Monday evening, was attacked by three footpads, who tried to rob him of his watch, which he was wearing. As the men came down the street one of them brushed against the jeweler and tried to snatch his watch. The other two men then joined in the assault and tried to go through the jeweler's pockets. Mrs. Rodenberg went to her husband's assistance, at the same time calling loudly for the police. One of the men tried to put his hand over her mouth, but she attacked him so fiercely that he loosened his hold. Rodenberg fought his assailants and finally the three men ran away without getting anything of value. Neither the jeweler nor his wife suffered any injuries. A few minutes after the men ran away Policeman Hartigan of the E. 126th St. station, arrested Frank Latlan, of 302 E. 65th St., who was running on Lenox Ave. The man was accused of taking part in the assault on the jeweler and his wife, and was locked up pending an examination. The police are looking for the other two men.

John Wiener, 37 John St., said yesterday that the police have not yet obtained, as far as he knows, any clue to the three highway robbers who stole $1,000 in cash from his employe, Philip Aaronson, while the latter was returning with the money from the Market and Fulton Bank, 81 Fulton St., as reported recently in THE CIRCULAR-WEEKLY. The police seem to have little hope that they will find the thieves unless the latter are arrested for some other offense and thus identified. The money, being in $100 bills, will scarcely furnish any trail that would lead to the robbers. Mr. Aaronson has been employed as a diamond cutter and setter in the factory for a long time, and it has been Mr. Wiener's practice to send his employe occasionally to the bank, as was done on the day of the robbery. Neither Mr. Aaronson nor a boy who saw the latter part of the attack is able to give any accurate description of the men except that they were smooth-faced and fairly well dressed. Attention is called to the fact that in the attack on Philip Rodenberg, jeweler at 3 E. 125th St., as reported in another column, three men were concerned, the same number that robbed Mr. Wiener. One arrest was made in the Rodenberg case, and further developments are possible.

E. S. Houghton, Brainerd, Minn., has bought the stock of S. R. Adair, in that town, and will combine it into his own. On Oct. 1 he will move into newly furnished quarters at 211 S. 6th St.

Frank D. Fuller, an optician, until recently in the employ of the J. C. Herkner Jewelry Co., Grand Rapids, Mich., tried to commit suicide, about a week ago, by taking 30 grains of atropin. Mr. Fuller had been employed for a long time by the Herkner Co., and was considered very efficient, but lost his position some time ago owing to intemperance. He will recover.

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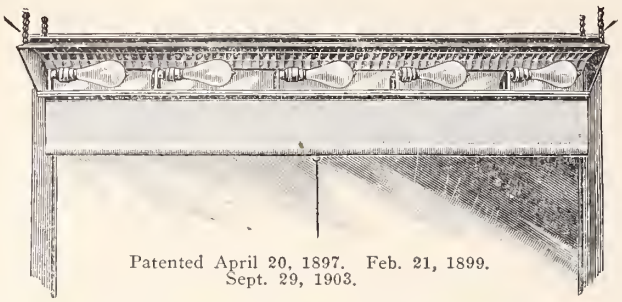
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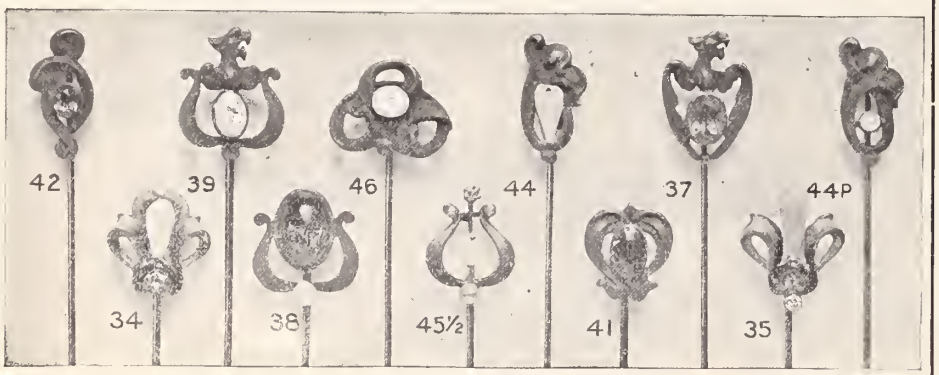
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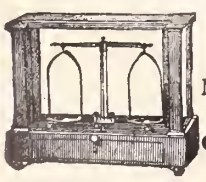


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JEWELERS'
AUCTIONEER
840 Summit Avenue
MILWAUKEE, WIS.



Have just closed three months' sale for Mermod, Jaccard & King Co. of St. Louis. They are my reference.

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GARREAUD & GRISER
68 & 70 Nassau St., New York.
LAPIDARIES. PRECIOUS STONES
GEMS in Unique Cuttings.

EDMUND R. NEBELING
Diamond Setter
49 Maiden Lane - NEW YORK
Telephone, 5039 John
Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ATHENS, PA., J. F. Stalford, Albert.

AUBURN, N. Y., I. Blumberg, Herald Sq.

AUGUSTA, GA., W. Schweigert (Wm. Schweigert & Co.), Navarre.

BALTIMORE, MD., O. A. Crooks (C. C. Crooks Co.), Grand.
F. M. Taylor (Hochschild, Kohn & Co.), Woodstock.

BOSTON, MASS., J. B. Hartford (The Gilchrist Co.), Albert, 55 White St.
T. Stewart (Shepard, Norwell & Co.), Herald Sq.

BRIDGEPORT, CONN., J. C. Mizer (Howland Dry Goods Co.), 7 Spring St.
F. E. Blake (Smith, Murray & Co.), 55 White St.

BUCKHANNON, W. VA., R. H. Riley (Riley Bros.), Astor House.

BUFFALO, N. Y., J. S. Vandervoort (Flint & Kent), Herald Sq.
F. S. Collins (Adam, Meldrum & Anderson), Grand.

CHATTANOOGA, TENN., L. L. Fischer (W. F. Fischer & Bro.), Imperial.

CHICAGO, Chas. Hanan (Spaulding & Co.), Waldorf-Astoria.

CHILLICOTHE, O., C. M. Haynes (Henn & Haynes), 25 Maiden Lane.

CLEVELAND, O., J. Lehman, Herald Sq.

DENVER, COLO., B. Betherick (A. T. Lewis & Son Dry Goods Co.), Prince George.

DES MOINES, IA., Miss M. Berry (Younker Bros.), 31 Union Sq.

FARGO, N. D., E. P. Sundberg (E. P. Sundberg & Co.), York.

GENEVA, N. Y., R. H. Gulvin, Everett.

HARRISBURG, PA., W. M. Worcester (Dives, Pomeroy & Stewart), 2 Walker St.

HARTFORD, CONN., M. Stern (G. Fox & Co.), Breslin.

JOHNSTOWN, PA., H. Janowitz, Astor House.

KALISPELL, MONT., P. Jacoby, Astor House.

KNOXVILLE, TENN., H. W. Curtis, Breslin.

LEHIGHTON, PA., H. J. Dotter, Earlington.

LOUISVILLE, KY., Mrs. F. Davidson (Stewart Dry Goods Co.), 214 Church St.

MEMPHIS, TENN., S. Goodman (Jos. Goodman & Son), St. Andrew.

MOBILE, ALA., J. Goldstein, Wellington.

NEW HAVEN, CONN., Miss C. Pattee (Howe & Stetson Co.), York.

NEW IBERIA, LA., J. W. Eckart (Eckart Jewelry and Mfg. Co.), Astor House.

NORWICH, CONN., F. J. Stanley (Porteous & Mitchell), 55 White St.

OGDENSBURG, N. Y., H. W. Plumb, Marlboro.

PHILADELPHIA, PA., Miss Huber (Blum Bros.), Breslin.

PHILLIPI, W. VA., W. G. Riley (Riley Bros.), Astor House.

PHOENIX, ARIZ., G. H. Cook (G. H. Cook & Co.), Marlboro.

PITTSBURG, PA., J. H. Wattles (W. W. Wattles & Sons), Breslin.
Frank Keating (J. C. Grogan & Co.), Victoria.

READING, PA., Miss A. Lambert (Dives, Pomeroy & Stewart), Earlington.

ROANOKE, VA., E. S. Green, Herald Sq.

ROCHESTER, N. Y., L. E. Kirstein (E. Kirstein Sons Co.), Imperial.
W. H. Wamsley (W. H. Glenny & Co.), York.
T. K. Maloney (Burke, Fitzsimmons, Hone & Co.), Grand.
E. Shanks (McCurdy & Norwell Co.), 55 White St.

SAGINAW, MICH., W. D. Broome (Wm. Barie Dry Goods Co.), Grand.

ST. LOUIS, MO., A. D. Bergfeld (H. G. Bergfeld Jewelry Co.), St. Denis.

SALEM, MASS., W. T. Grant (Almy, Bigelow & Washburn), 2 Walker St.

SANFORD, FLA., H. McLaulin, Everett.

SHERBURNE, N. Y., H. Y. Burlingham, Albert.

SPARTANBURG, S. C., A. W. Biber (A. W. Biber & Co.), Broadway Central.

SPRINGFIELD, MASS., C. D. Sleigh (Forbes & Wallace), Broztell.

SYRACUSE, N. Y., Miss K. Sullivan (E. W. Edwards & Son), Victoria.

TOLEDO, O., A. B. Koch (La Salle & Koch Co.), Cadillac.

TROY, N. Y., S. Lounsburgh (Lounsburgh & Bro.), Prince George.

WALLA WALLA, WASH., G. Ludwigs (Ludwigs & Hunziker), Astor House.

WASHINGTON, D. C., Mrs. J. C. Nourse (Woodward & Lothrop), Holland.

WHEELING, W. VA., F. Enock, 136 W. 118th St.

WINNIPEG, MAN., CAN., C. N. Andrew, Normandie.

WORCESTER, MASS., A. J. Moir (John C. MacInnes Co.), 55 White St.

YOUNGSTOWN, O., E. H. Rolf (G. M. McKelvey Co.), Grand.

Importations at the Port of New York.

Weeks Ended Sept. 8, 1905, and Sept. 7, 1906.

	1905.	1906.
China, Glass and Earthen Ware:		
China	$91,853	$118,776
Earthen ware	21,418	25,922
Glass ware	30,653	40,059
Optical glass	3,428	122
Instruments:		
Musical	10,072	21,725
Optical	15,119	27,744
Philosophical	5,161	10,059
Jewelry, etc.:		
Jewelry	10,128	24,049
Precious stones	540,520	536,583
Watches	31,297	17,819
Metals, etc.:		
Bronzes	7,734	12,949
Cutlery	41,165	28,396
Dutch metal	969	2,232
Platina	23,413	47,188
Plated ware	.....	250
Silverware	.....	947
Miscellaneous:		
Alabaster ornaments	.....	238
Amber	4,002	1,532
Beads	5,390	4,785
Clocks	10,267	10,941
Fans	4,179	6,191
Fancy goods	7,927	11,013
Ivory	1,591	80,560
Ivory, manufactures of	1,311	2,330
Marble, manufactures of	15,079	71,074
Statuary	6,750	10,143

Frank Hansen, said to be well known in the jewelry trade, was drowned Sept. 4 at Gobles, Mich., while in swimming. It is believed he was taken with cramps and sank to the bottom before help could reach him. Mr. Hansen's plight was called to the attention of passers-by by his one-year-old son, who started crying when his father did not appear. The body was recovered after the lake had been dragged.

Wm. Tiagle was lodged in jail at Albany, N. Y., last week, awaiting the Grand Jury on the charge of swindling Wm. B. Joseph, 405 State St., Schenectady, N. Y., out of a gold watch. He told the jeweler that he worked for the D. & H. Railroad, and selected a watch that cost $45, giving Mr. Joseph an order on the paymaster, directing the latter to pay Mr. Joseph $20 per month for two months. Mr. Joseph discovered that Tiagle did not work for the railroad company and caused his arrest. The prisoner surrendered the watch and admitted his guilt before the police justice.

Three Men Assault and Rob Jersey City Jeweler in His Store.

Three robbers entered Jacob Krause's store, 74 Newark Ave., Jersey City, N. J., soon after the proprietor opened up Monday morning and after a savage assault upon the jeweler tried to steal a tray containing gold rings.

When they walked into the store one of the thieves asked to see some gold rings. A tray full of rings was placed on the counter. As if by accident the leader of the thieves knocked one of the rings to the floor. As the jeweler stooped to pick it up he was knocked down by a blow struck with a blackjack. One of the thieves then seized the tray of rings and the three started to run.

Mr. Krause recovered from the blow in time to catch one of the fugitives, at the same time raising an outcry. The rings were dropped and the three robbers ran, Mr. Krause being unable to hold the man whom he had grasped. Police joined in the chase and pistol shots were exchanged, but the thieves escaped.

The men are supposed to be the same thieves who robbed the till of a grocery store in Jersey City on the same day, and it is possible that they are the men who have been committing robberies in New York and other nearby cities.

A Unique Pearl Which Looks Like a Human Head.

A MOST interesting freak pearl is in the possession of Frank D. Overton, 154½ Main St., Watertown, N. Y., through whose courtesy we publish the illustration herewith.

The pearl, as will be seen from the photograph, is unique, as it has the appearance of a human head; it has been the subject



FREAK PEARL LIKE A HUMAN HEAD.

of much comment by many gem experts who have seen it, as it recalled to them the Michael Angelo pearl, which has a fancied resemblance to the great artist whose name it bears.

A man who represented himself as C. J. Scott, of Portland, Me., recently obtained a diamond ring from C. M. Hay, Coshocton, O., by means of a worthless check. The man was of medium height, weighed about 170 pounds and had sandy hair and mustache. He wore spectacles, a brown suit and a Panama hat.



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Importers of Watches,

No. 1 Maiden Lane, New York

¶ Weekly shipments from Geneva and Paris are making our line of watches the most attractive ever shown in America. We have an extensive line of unique and exclusive designs in Ladies' Flat Enameled and Decorated Watches. Ladies' Plain Watches in all sizes. Gentlemen's Flat Watches in a vast variety of styles and grades.

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Haas, Neveux & Cie.

FINE GENEVA WATCHES.



WATCHWORD *for the* FALL SEASON *of* 1906 :: :: ::

BIGGER BETTER BUSIER

THIS IS THE SIGN OF THE TIMES :: :: ::

BIGGER BETTER BUSIER

LIKE OURSELVES you are, no doubt, going to be Busier than ever this coming Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory Prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO. INC. 373 WASHINGTON ST. *BOSTON, MASS.*

BIGGER BETTER BUSIER

IMPORTERS MANUFACTURERS AND JOBBERS

Attleboro.

Carl M. Wendelstein has withdrawn from Wendelstein & Sworbel, and will erect a factory and continue business on his own account.

Winthrop F. Barden, of Chapman & Barden; George H. Herrick, of Geo. H. Herrick & Co., and George L. Shepardson, of C. A. Marsh & Co., were last week elected to office in the Knights Templars.

E. M. Wheeler, of the New York office of Reed & Barton, spent last week at the home office, Taunton. E. H. Reed, of the force of salesmen, has started for a tour of Washington, Baltimore and other cities in that section of the country.

Charles H. Tappan, of the D. F. Briggs Co., with an unusually handsomely decorated automobile, won the grand prize in the parade at the annual Bristol County Fair last week. His brother and partner, William C. Tappan, has started for a visit in Maine.

The annual custom of having an intershop bowling league is being revived, and the bowlers of C. A. Marsh & Co., W. E. Richards & Co., F. W. Weaver & Co., the Watson & Newell Co., Regnell, Bigney & Co., and Carter, Qvarnstrom & Remington are already taking steps to that end.

The silverware manufacturers report that they will have to follow the example of their competitors elsewhere and raise the price of their products somewhat this Fall. The increase of approximately 10 cents in the cost of each ounce of silver for use in the factories is an item demanding serious consideration in a trade where competition is sharp.

The name of the Dunbar, Leach, Garner Co., Union St., has been changed to the Leach & Garner Co. This is the result of the recent withdrawal of Clarence M. Dunbar, to enter business in Providence. Announcements have been sent to the trade. Mr. Dunbar has not only severed his connection with the company, but he has also sold his Attleboro residence and moved his household to Providence.

John Crehan, a veteran skilled jeweler, died last week, aged 52. He was a college graduate, born and educated in Ireland, and came to Attleboro in 1871, about the time when the jewelry industry was undergoing its first important boom. He entered the employ of Albert W. Sturdy, and acquired a local reputation as a craftsman, besides becoming owner of some desirable property. Of late his tastes led him to agricultural pursuits.

North Attleboro.

Whiting & Davis are operating their factory 13 hours a day.

Benjamin Allen, Chicago, and his son were the guests of G. Herbert French last week. Mr. Allen made the trip to North Attleboro in his touring car.

Christopher Dobra, of B. S. Freeman & Co., will be a candidate for Selectman in the Spring. F. Oren Coombs also has declared himself a candidate for legislature honors.

All the contracts for the new factory that W. G. Clark & Co. are to erect on Chestnut St., opposite the Bliss factory, were awarded last week. Actual construction work commenced this week, and it will be rushed forward with all possible haste.

The Mason Box Co., one of the biggest jewelry supply houses in this section, has found business so heavy that additional factory room is needed. Another factory has therefore been rented on Chestnut St., and this will be utilized as an auxiliary shop.

A practical illustration of how bad the manufacturing jewelers have been put to secure labor is shown by the innovation of one concern in carrying heavy foot presses to private houses for women to work at home. While light work has always been sent out, so far as is known heavy machinery was never shipped out of shops before.

A hearing was given by the State Railroad Commissioners in Boston, Thursday, upon the application of the Interstate Consolidated Street Railway Co. to carry freight and express from Providence. This will be a great accommodation to the jewelers, and they are all anxious to have it granted. W. W. Sherman represented the jewelers at the hearing and Fred S. Gilbert represented the town.

The Plainville assessors made public this week the list of heaviest taxpayers, and the largest contributions by manufacturing jewelers are as follows: Maintien Bros. & Elliot, $97.18; Plainville Stock Co., $379.83; Whiting & Davis, $152.10; Albert W. Burton, $94.31; Willis M. Fuller, $165.85; William S. Metcalf, $65.06; Scofield, Melcher & Scofield, $253.50; Woodbury Melcher, $89.91; estate of J. D. Lincoln, $249.70.

Boston.

The Boston *Herald* last week published an illustration and description showing how the building of A. Stowell & Co., Inc., will look when the extensive alterations and changes are completed.

The handsome Lipton trophy for yachts competing in Massachusetts Bay is on exhibition in the window of Edgar W. Hodgson's newly opened store at the corner of State and Devonshire Sts.

F. F. Davidson, treasurer of the Thomas Long Co., has returned from a month's outing at China, Me. George A. Kimball, formerly of Bath, Me., has been engaged as extra watchmaker by the company.

Charles B. Byron, New York, formerly a manager for the Whiting Co., was in Boston during the week renewing old acquaintances and introducing his brother to the trade as his prospective traveling representative in this section.

Henry Arnold, of D. C. Percival & Co.'s force, who has been absent from business for several months, having undergone a serious surgical operation from which recovery was slow and tedious, is able to be at his accustomed place once more.

Buyers in town last week were: Mr. Ford, McKenny Jewelry Co., Portland, Me.; Jos. Lajoie, Worcester; John F. Hill, of J. B. Hill & Son, Beverly; William Carthy, with H. P. Doe Co., Lawrence; F. W. Barnes, Uxbridge; J. E. Whiting, Andover; W. E. Hobbs, North Brookfield; F. M. Nickels, Taunton; J. D. Aronson, Springfield; Hugo Beil, Lawrence.

Connecticut

Percy L. Clark, Bristol, has been granted a patent on an electrically wound clock.

R. S. Gardner was one of the active pallbearers, Sept. 7, at the funeral of David Torrance, chief justice of Connecticut.

Isaac Brush, a well-known jewcler of Bridgeport, is about to dispose of his business at that place and move to New York.

O. W. Kapitke, Hartford, has moved from 722 Main St. to 423 Main St., where he has more space and better facilities for his increasing business.

The factories of the Seth Thomas Clock Co., Thomaston, which were closed Monday, ran all day Saturday of last week to make up for the holiday.

Gen. George H. Ford, New Haven, was a member of a party which left that city on the steamer *Isaak Brown* to witness the Presidential naval review at Oyster Bay, on Monday of last week.

Mayor Landers, New Britain, has received an invitation to attend the ninth annual session of the American Mining Conference, which will be held at Denver, Colo., Oct. 16, 17, 18 and 19.

Walter W. Cervante, who has been acting as the Bridgeport manager of the United American Opticians, 213 State St., that city, is held for trial in the city court of Bridgeport on a charge of misappropriating $21 belonging to the concern.

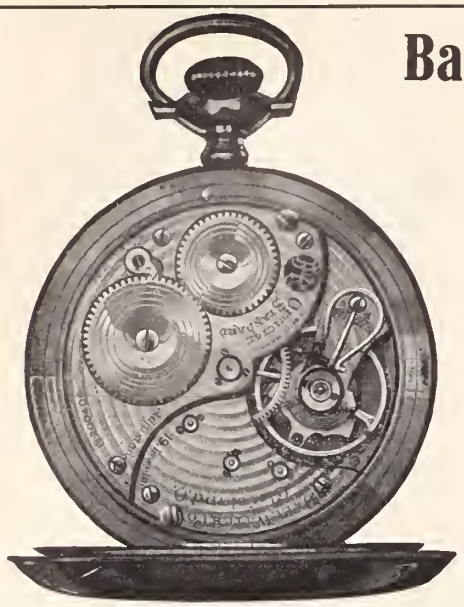
A recent dispatch from Waterbury announces that 300 men have been added to the force of the Waterbury Clock Co. during the past six weeks. The new building which the concern is erecting on N. Elm St. will be five stories high and will add five large rooms to the plant.

The A. J. Hall Co. was incorporated Wednesday in the State of Connecticut, to succeed A. J. Hall & Co., Meriden, with a capital stock of $15,000. The incorporators were: A. J. Hall, J. D. Bergen, H. Howe, I. S. Gillette, all of Meriden. The concern will manufacture fancy and decorated glass, china, pottery and metal goods.

Chas. D. Morris was elected by the Republicans of Wallingford a member of the delegation to the Republican State convention. Chas. H. Tibbets was elected chairman of the senatorial delegation, of which C. W. Leavenworth was also elected a member. Mr. Morris was elected a member of the Republican town committee for two years.

At the recent reunion of the Miller family, composed of descendants of Governor and Mary I. Miller, at the historic old homestead in Middlefield, Col. Watson J. Miller, historian of the family, and president of the Shelton branch of the International Silver Co., delivered an address which gave the history of the family from 1630 up to the present time.

Samuel G. Smith died suddenly at his home in Middletown, Saturday, Sept. 1, aged 85 years. Mr. Smith was a native of Middletown and had at one time conducted a jewelry business there, and also in New Haven. He was deeply interested in historical work and had written several historical sketches. He is survived by a widow, a son, H. M. Smith, professor of chemistry in Schenectady University, and one daughter, Anna W. Smith.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854. INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS,
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

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Vol. LIII. CHICAGO, WEDNESDAY, SEPTEMBER 12, 1906. No. 6.

Chicago Notes.

A. R. Ougton is in Indiana.

Larry Edwards is in the northwest.

Will Manheimer is back from Europe.

J. Ziegler is on a trip through Illinois.

J. W. Stoneburner is on an eastern trip.

B. F. Hirsch has returned from a western trip.

E. A. Moore has returned from a trip west.

M. Newhouse left for the Pacific Coast Saturday.

Harry H. Miller is on a trip to the west and northwest.

L. E. Fay, with the R. F. Simmons Co., is in the northwest.

F. C. Klein has returned from a vacation to Cedar Lake, Mich.

G. W. Bleecker, with Martin, Copeland & Co., is on a trip east.

"Tom" Stanek has returned from a vacation at Hayward, Wis.

F. M. Sproehnle has returned from a vacation in Massachusetts.

Benj. Allen and B. C. Allen are touring in the east in their motor car.

N. Bryans has opened an optical business at 3126 Cottage Grove Ave.

Chas. E. Howes, with E. L. Logee & Co., has returned from a western trip.

Chas. Troppman, with the Peerless Optical Co., is on a northwestern trip.

Carl Lochau has returned from a trip to Wisconsin, and is now in Illinois.

Geo. T. Bynner, with Geo. Becker & Co., has returned from a western trip.

W. P. Reichert, Canton, Ill., was here last week, accompanied by his wife.

D. N. Jacoby, of the Providence Stock Co., visited the trade here last week.

W. S. Sparrow, with Stern Bros. & Co., left for the Pacific Coast last Friday.

J. W. Armbruster, of the Illinois Watch Co., spent a few days here last week.

O. A. Starke, of the Star Watch Case Co., Ludington, Mich., was here last week.

C. E. Child, with the Chas. M. Robbins Co., is in Texas. Frank Chase is in Michigan.

"Joe" Gubbins, son of Geo. J. Gubbins, has accepted a position with G. A. Soden & Co.

J. D. Mosely, Clarion, Ia., spent a few days here last week, accompanied by Mrs. Mosely.

Wm. A. Rogers, Ltd., has just issued an interesting brochure on its new Grenoble pattern.

J. A. Cunningham, with Regnell, Bigney & Co., has returned from a trip to the northwest.

C. Meyer, buyer for "The Fair," and his assistant, Miss Stern, have returned from New York.

Joseph C. Peers, Rockford, Ill., paid a visit to Chicago last week, accompanied by Mrs. Peers.

Sid. Le Bolt, jewelry buyer for Rothschilds, has returned from a vacation to the northern lakes.

A. F. Boylan, of Randall & Boylan, Denison, Ia., was here last week, accompanied by Mrs. Boylan.

I. F. Varney, Wichita, Kans., passed through here last week on his way home from a visit east.

R. E. Kehl, with F. H. Noble & Co., leaves, Sept. 15, on a fishing trip to Lake Mukwonago, Wis.

Charles A. Garlick was in New York last week to attend the clambake of the Twenty-four Karat Club.

A man is making the rounds of the jewelry trade here trying to sell stock in a Kentucky diamond mine.

Geo. J. Gubbins, with the Illinois Watch Case Co., celebrated the 19th anniversary of his marriage last Saturday.

Col. J. D. Lewis, a jewelry auctioneer, is here after spending the Summer on his cattle ranch at Sedalia, Col.

A judgment of $100 against the defunct Warner Silver Mfg. Co. and in favor of Gustav Gulberg has been satisfied.

Louis Manheimer, with his wife and daughter, returned last week from a trip to the Yellowstone National Park.

B. H. Sandfelder, with McRae & Keeler, has returned from a visit to the factory, after taking a vacation at Lake George.

R. O. Kandler, wife and family, have returned from a three months' European trip to France, Austria, Germany and Switzerland.

A. L. Schlientz, formerly of Defiance, O., and lately of Chicago, has moved back to Defiance and has opened a jewelry store there.

The Star Watch Case Co., having removed from Elgin, Ill., to Ludington, Mich., its capital in Illinois has been decreased from $100,000 to $1,500, and the number of directors has been decreased from five to three.

Geo. Burkitt, one of the city salesmen for the Towle Mfg. Co., has left that concern to go on the road for a furniture house.

W. H. Vogell, formerly in charge of the Chicago office of Alfred H. Smith & Co., was here last week visiting some of his old friends.

Miss Ida Sippe, buyer for the ring department of "The Fair," has left that concern and intends making an extensive European trip.

News is received here that Izri W. Lederer, son of B. Lederer, of the S. & B. Lederer Co., is engaged to Miss Hortense V. Waldner, of Cincinnati, O.

Will H. Smith and family have returned from Lake Coma, Wis., and Mr. Smith is now back at his business with Lewy Bros. & Co., State and Adams Sts.

Sam Bearsh, formerly with King & Eisele, Buffalo, N. Y., is now in the clock department of "The Fair" department store. Theo. Jacobs has returned from a two months' western trip.

The American Horological Society has received an invitation from the South Bend Watch Co. to visit the latter factory as the guest of that company. The visit will be made some time during September or October.

Geo. Kuehl & Co. are now at home in their new quarters, 80-82 Wabash Ave., and have greatly increased facilities for taking care of the Black Forest cuckoo clock business. They now occupy a floor space of 8,500 square feet.

The engagement of Jos. Brown, of Jos. Brown & Co., to Mrs. Nathan Phillips, widow of the late Nathan Phillips, a well-known Seattle pawnbroker, has been declared off. Mrs. Phillips was here four weeks stopping at the Auditorium Annex.

F. E. Blackburn & Co. have removed from room 501 to room 500 in the Heyworth building. Frank E. Behrendt, formerly diamond buyer for Otto Young & Co., and who now represents Moore & Son, Newark, N. J., has an office in the same room.

C. H. Knights & Co. have sold opening

To the Jobbing Trade.



HOW WE SELL

Diamond Bunch Rings

Diamonds at importers' prices,

Mountings at our usual prices.

Staple Diamond Mountings of Every Description



stocks of jewelry to O. F. Walter, Palmyra, Mo., who moved to that town from Galesburg, Ill.; to Edward E. Wilbur, optician, of Dansville, Ill., who has added a jewelry department, and to Fincher & Ozment, Tuscaloosa, Ala.

C. E. Roy, who represents the W. J. Johnston Co., Pittsburg, Pa., in Chicago, has purchased a large automobile and is having it altered so that it will hold two large jewelry trunks. Mr. Roy will visit the trade in this city and nearby towns, and his auto will no doubt create a sensation, as it is decidely unique.

Geo. H. Thomas, who was with the Mauser Mfg. Co. for nine years, is receiving much encouragement in his new enterprise in the shape of large orders from his friends in the trade. Mr. Thomas is now located in room 501 Heyworth building, where he represents the Woodside Sterling Co., New York; Scharling & Co., Newark, N. J.; the Shepherd Mfg. Co., Melrose Highlands, Mass.

Francis C. Hansen, superintendent for G. F. Wadsworth, was drowned on Labor Day while in bathing near South Haven, Mich. Deceased was 33 years old, and had been with Mr. Wadsworth for 18 years. He left a widow and four children. He was buried last Friday, Mr. Wadsworth's shop being closed on that day. Mr. Hansen was a past master Mason and a member of the Royal Arcanum.

Julius Schnering, of Otto Young & Co., will sever his connection with that corporation Feb. 1, 1907. Mr. Schnering has been the active head of Otto Young & Co. for many years, and is one of the hardest working men in the jewelry trade. He began his career with Otto Young & Co., in a very humble position, gradually working his way up until he became general manager and one of the principal stockholders. His future plans are as yet undetermined, but he is regarded as too energetic a man to sever his connections with the jewelry trade entirely.

The Shafer Jewelry Co., which removed from 136 Madison St. some time ago without letting some of its creditors know where it went to, has been found at 1054 Union Ave., Kansas City, under the name of the Reliable Jewelers. Claims of Theo. Jacobs & Co. and B. Schuette have been placed in the hands of attorneys. At the time of the disappearance of the Shafer Jewelry Co. Jos. Brown, of Jos. Brown & Co., creditors for about $400, stated to a CIRCULAR-WEEKLY representative that the Shafer Jewelry Co. had moved away simply because it was looking for a new location.

Among the out-of-town jewelers here last week were James H. Randall, Monticello, Ind.; C. W. Connoran, Indianola, Ia.; Geo. S. Bauder, Elburn, Ill.; Jas. H. Rogers, Gibson City, Ill.; Charles W. Fenn, Prophetstown, Ill.; Mr. Morrison, of Morrison & Hoffmann, Pontiac, Ill.; C. E. Prouty, Bradford, Ill.; Otto Wedell, Wedell Bros., Elgin, Ill.; John F. Breitenstein, Antigo, Wis.; John Douglas, Onawa, Ia.; Hiram E. Gragg, Morocco, Ind.; Bernard B. Gragg, Brook, Ind.; J. K. Lewis, Rapid City, S. Dak.; Mr. Ozment, of Fincher & Ozment, Tuscaloosa, Ala.; Arthur H. Grange, Toulon, Ill.; J. A. Weaber, Havana, Ill.; Wilbur T. Cook, Paris, Ill.; C. E.

Hurd, Sycamore, Ill.; Charles T. Rainsburg, Brooklyn, Ia.; Louis M. Beck, Ft. Wayne, Ind.; J. R. Mercer, Kansas City, Mo.; J. F. Lindvall, Moline, Ill.; I. L. Grady, Jackson, Tenn.; Mr. Murchison, of the Murchison Jewelry Co., Cheyenne, Wyo.

In speaking of the return of Col. T. P. Moody from St. Louis, last week, a note in this column failed to mention that the sale Col. Moody conducted for the Mermod, Jaccard & King Jewelry Co. was in charge of S. Martin, jewelry auctioneer, of 840 Summit Ave., Milwaukee, Wis., whom Col. Moody assisted in the disposal of this large and valuable stock.

Kansas City.

August Weber, with Nevin Bros., is confined to his home by illness.

Sherman Swartz, a retail jeweler of this city, has given a bill of sale of his stock for $2,200.

Charles Greenberg, a pawnbroker, has been arrested on the charge of receiving stolen goods. He denies the charge.

The Meyer Jewelry Co. reports having secured three more good workmen from the east, and will have them at work next week.

James Scott, of the Woodstock-Hoefer Watch & Jewelry Co., spent Sunday and Monday of last week visiting Iola and Chanute, Kans.

L. R. Hassig, of the Hassig & Krieke Jewelry Co., is at Excelsior Springs for the benefit of his health, and will probably remain there several weeks.

The following new pupils have just been enrolled by the Kansas City Polytechnic Institute for a course in engraving; W. T. Davis, Delphos, Kans., and D. C. Burchett, Kirksville, Mo.

C. W. Nelson, watchmaker for F. A. Ryer & Co., has resigned, and will engage in business for himself as soon as a suitable location can be found. His place has been filled by Mr. Searfoss.

J. H. Whitney, of the Edwards & Sloane Jewelry Co., was in the home office last week fresh from his territory, and Paul Preston, traveling for the same house, has just started out for his territory again.

Otto Knaul, traveler for the Woodstock-Hoefer Watch & Jewelry Co., has just started for his territory again. Charles E. Cleveland, traveler for the same company, is in the city, this week, getting a new supply of goods.

D. T. Wainwright, Kansas City, Mo.; Walter T. Davis, Delphos, Kans.; M. C. Cypert, Kansas City, Mo.; F. T. Burtchby, Kansas City, Mo.; A. D. Foster and Chas. D. Ragsdale, Kansas City, Kans., have enrolled with the Southwestern Optical College, and are now busily at work.

The Edwards & Sloane Jewelry Co. is preparing for the busy season by adding another room to its space, and will spread out both the accounting and billing departments. It has also added several to the force in the manufacturing department, which is under the direct charge of Mr. Sloane.

The Hassig & Kricke Jewelry Co. will move the latter part of this month to 912-914 Grand Ave., where the concern has secured a lease on half of the third floor, and will soon have a manufacturing establishment, which will be a model. New machinery will be added. The location is within half a block from the post-office.

News comes from Leavenworth, Kans., to the effect that a man and woman in that city substituted an imitation diamond in the store of W. A. Kirkman for a genuine stone. The jeweler noticed what they had done just about the time the thieves got out of the store and gave chase. He captured the woman, but the man got away with the diamond.

W. B. De Foe has just finished a course in the Kansas City Horological School, and has gone to Russellville, Mo., where he will engage in business. L. C. Carter, from the same school, has just opened a new establishment in Granby, Mo. Paul Kuchs, Marysville, Mo., has taken up his course of study again after a vacation at home. The following new pupils have also been enrolled during the past week by this school: J. P. Kilfer and R. H. Carrell, of this city, and O. L. Esty, San Francisco, Cal.

The following out-of-town buyers called on the jobbing trade during the past week: E. Robertson, Topeka, Kans.; Horace McKinney, with T. McKinney, Hutchinson, Kans.; C. E. Moore, Topeka, Kans.; F. C. Roeder, Higginsville, Mo.; J. T. Morrison, Olathe, Kans.; O. M. Atwood, Clifton, Kans.; T. S. Mendenhall, Burr Oak, Kans.; Harry Harmon, Afton, Kans.; W. A. Peck, Dennison, Tex.; H. L. Morrison, Pittsburg, Kans.; F. N. Newton, Missouri City, Mo.; J. L. Potts, Marceline, Mo.; Frank White, son of E. L. White, Guthrie, Okla.; J. A. Zimmerman, Warrensburg, Mo.; L. P. McHugh, Sheridan, Mo.; W. W. Whiteside, Liberty, Mo.

Omaha.

C. H. Janssen, with the Shook Mfg. Co., has returned from a western trip.

C. O. Booth, with the Mawhinney & Ryan Co., has gone to Sioux City, Ia., on business.

Mrs. H. C. Milestone, with T. L. Combs & Co., has gone to Lincoln for a two weeks' visit.

Miss Ella Rutherford, with Jos. P. Frenzer, is home from a trip to Excelsior Springs.

G. F. Peterson, with the Sol Bergman Jewelry Co., is making a business trip through the State.

G. H. Gumpert, Fremont, Nebr., has added a jewelry department to his store, in charge of Fred M. Bryan.

Lynn F. Boyce, formerly with L. W. Suter, Seattle, Wash., has taken a position with Albert Edholm, of this city.

L. A. Borsheim, of Brown & Borsheim, accompanied by his wife, has returned from a month's trip in Geneva, Wis., and southern Indiana.

E. E. Freeman, Carson, Ia., and J. G. Beste, Hartington, Nebr., stopped off a few days in this city last week on their way home from New York, where they had gone with a party of Nebraskans to meet Wm. J. Bryan.

Out-of-town buyers in this city last week, not elsewhere mentioned, included: G. Texley, Pender; H. G. Anderson, Fremont; John Crabill, Plattsmouth; H. Thelen, Shelby; M. Tritsch, Louisville; S. M. Thomas, Tabor, Ia.; L. S. Robinson, Glenwood, Ia.; F. Tenions, Sidney, Ia.; Crawley E. Cole, Atlantic, Ia.

St. Louis.

Paul M. Strain has purchased the business of John Greaves, Rolla, Mo.

Charles Rederman, buyer for Shanahan & Mitchell, Vinita, Ind. T., was in St. Louis, last week.

W. F. Williamson, manager of the St. Louis branch of Loftis Bros. & Co., is enjoying a vacation.

Charles Bichsel, of Bichsel Bros., Sedalia, Mo., stopped in this city several days last week on his way east.

James J. Burke, president of the Brooks Jewelry & Optical Co., has returned from a trip to Chicago and Milwaukee.

Mr. Andrews, of Bransford & Andrews, Union City, Tenn., passed through this city last week on his way home from Chicago.

W. F. Wilmes and Julius Newman, of the Aller-Newman-Wilmes Jewelry Co., are in the city after successful trips on the road.

The new Grand Leader Department Store, owned by Stix, Baer & Fuller, at 6th St. and Washington Ave., was opened to the public Saturday afternoon.

Max Schmidt, who was connected with the material department of the Bauman-Massa Jewelry Co., is now with Benjamin Allen & Bro., Chicago, Ill.

Charles Mauch, Marshall, Mo., was here last week, the guest of his brother, Herman Mauch, president of the Retail Jewelers' Association of Missouri.

The salesrooms of Solomon Ruby are now on the second floor of the building in which his store is located, 511 N. 6th St., pending alterations by which the store will be enlarged.

Among the out-of-town jewelers in this city last week, not elsewhere mentioned, were: George Young, Moberly, Mo.; A. H. Hoppe, Appalachicola, Fla.; C. R. Awbrey, Magnolia, Ark.; August Winkler, Poplar Bluff, Mo.

Ellsworth Bauman, of the L. Bauman Jewelry Co., has returned from his vacation spent in Cleveland and on the Lakes. Moses Strauss, a veteran traveling representative with this firm, has returned from a trip to Eureka Springs, Ark.

Mrs. Hulda M. Bohle (*nee* Borgmeier), wife of Edward W. Bohle, treasurer of the Retail Jewelers' Association of Missouri, died here Tuesday, of last week, and was buried from the family residence, 2106 N. 14th St., Friday afternoon, at 2 o'clock. Mr. Bohle, who is a member of the firm of Bierbaum & Bohle, had been married only a short time. Members of the jewelry trade extend their sympathies to Mr. Bohl, and a floral tribute was sent by the Jewelers' Association.

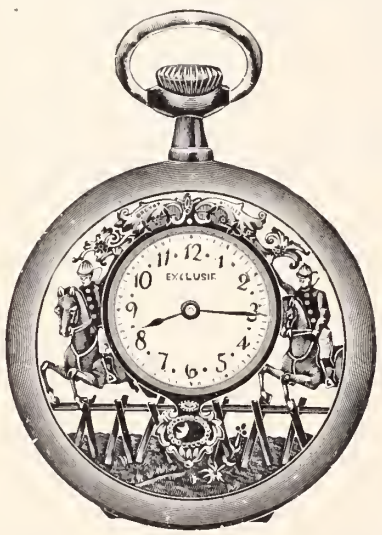
Geo. Taylor was recently taken into custody in Tacoma, Wash., after having stolen seven watches from the store of Bert Paulson, 1333 Pacific Ave., that city. Taylor entered the store and committed the theft while the proprietor was standing outside talking to a friend. The timepieces were recovered in a local pawnshop.

TRIANGLE O. F. WATCHES
STERLING SILVER



No. 2545 Sterling Silver, $18.00

Real triangle movements with semi-circle dial. The hour figures are placed below, the minutes above the semi-circle. The hands move from 1 to 12. When the minute hand reaches 12, an automatic attachment instantly forces it back to zero, and the same motion takes place every hour.



No. 2351 Pendulum Watch, $7.50

The interior construction is the same as any high grade movement. The visible gold pendulum attachment aims to imitate accurately the motion of a clock. The dials are handsomely decorated in colored designs, arranged to produce a clock effect. The cases are bassine shape, thin model, solid back. Silver bezel reflector, silver bow and crown, beveled pendant.

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THE FIFTH EDITION OF THE MONEY SAVER.

Cincinnati.

The National Jewelry Co. has installed a new clock department.

James Holland, of the John Holland Gold Pen Co., spent last week in New York on business.

M. J. Greenwald, Arcade, has added a new diamond jewelry department to his business.

C. M. Wallace, Huntington, W. Va., stopped here on his return from Mt. Clemens, Mich., last week.

Fred Josephy, formerly connected with Lindenberg & Fox, is now a traveling salesman for the Textile Shirt Co.

J. D. Sowers was in this city last week buying machinery to start a retail and repair business at Paducah, Ky.

H. A. Peek, manager for Wallenstein, Mayer & Co., has returned from a Summer's outing at Sandusky, O.

Gustave Fox, of the Gustave Fox Co., and his wife are home from a five weeks' trip in Canada and eastern resorts.

Herbert Oskamp, of the Oskamp Jewelry Co., is at business again after a month's stay in the Allegheny Mountains in Virginia.

The Fall Festival visitors last week included Mr. and Mrs. H. C. Reed, Blanchester, O., and Mr. and Mrs. W. B. George, Frankfort, Ky.

Henry Koaf, Main St., is home from an enjoyable trip, during which he visited Canada, Nova Scotia, the White Mountains and many eastern points.

A. H. Beer and family of Versailles, Ind., were guests of Joseph Kramer, of Lindner & Co., the past week. C. C. Stoner, of this firm, leaves this week on his regular trip south.

Frank Herschede, of the Frank Herschede Co., and family are back from a six weeks' auto tour of the east. Charles W. Lucius, of the same company, is home from a trip along the Atlantic Coast.

Recent arrivals from Europe included: Arno Dorst, of the Dorst Co.; Oscar Keck, of the Herman Keck Mfg. Co.; A. C. Tepfert, of A. & J. Plaut; C. J. F. Bene, formerly of the firm of Bene, Lindenberg & Co.; Frank Smith, Parkersburg, W. Va., and John Bueher, Urbana, O.

The first of the series of banquets to be given by the Cincinnati Traveling Men's Association was held Sept. 4, with great success. Harry and Sol Gilsey, of S. & H. Gilsey, are mentioned as on the various hotel committees. The banquet was attended by many guests from the middle States. The new scheme of bringing people to town is thought to be a good plan and beneficial to the merchants here.

The Oskamp, Nolting Co. has completed improvements in its offices which afford better facilities for the conduct of this business. The old office has been divided into a private office for the use of Manager Nolting, an office for the opening and distribution of mail, and a department for diamonds and fine jewelry. A fourth department in a balcony is for the marking of goods. New cabinets, tables and other furniture greatly improve the appearance of the office.

Out-of-town dealers who replenished their stock here during the past week included: Frank Binder, Greenville, Miss.; E. E. Mosiman, Bluffton, Ind.; C. E. Treseh. Marietta, O.; Mr. and Mrs. Edward Mueller, Hamilton, O.; Mr. Dufen, of Dufen & Co., Demopolis, Ala.; H. S. Werneke, Greeneastle, Ind.; M. C. Eveslage, Ripley, O.; Charles G. Sieglitz, Vevay, Ind.; H. C. Reed, Blanchester, O.; Roll R. Susk, Utiea, O.; R. Moss, Owensboro, Ky.; A. S. Murphy, Summerville, Ga.; A. T. Maupin, Athens, W. Va.; Mr. and Mrs. J. H. Drake, Lebanon, O.; Will Sehaible, Troy, O.

Indianapolis.

TRADE CONDITIONS.

Local jewelers have returned from their vacations enthusiastic over the prospects of a good Fall trade. Traveling representatives for Indianapolis jewelry firms are now on the road in force. This is State Fair week, which is considered by the trade as one of the best weeks in the year.

Ed Craft, of the A. P. Craft Co., has returned from a business trip over the State. He reports that business is increasing in all quarters.

Three stories have been added and improvements made in the interior of the American Central Life building, in which Ikko Matsumoto, manufacturing jeweler, is located.

There was on exhibition in this city, last week, a pearl said to be worth several hundred dollars, which had been found by Peter Thompson, of Petersburg, in the Wabash River. Thompson refused $500 for the pearl.

Carl L. Rost and family have returned from a visit through the Yellowstone National Park. B. Gardiner, watchmaker, Detroit, Mich., has been added to Mr. Rost's corps of workmen, which now includes three watchmakers and two diamond setters.

Fred W. Wright, with Charles Mayer & Co., sailed for Europe last week, where he will spend five years studying drawing, portrait painting and illustrating in the schools of Rome, Potsdam and Munich. Mr. Wright has done considerable work in illustration for his firm. He was accompanied abroad by his wife.

David S. Gribben, of Gray, Gribben & Gray, has returned with his family from a four months' tour of Europe. A. R. Gray, of the same firm, is now spending his vacation at Mackinac. A. W. Gray, also of the firm, is chairman of the building commission of Philoxenian Lodge, I. O. O. F., which recently bought a site in North Meridian St., for $37,500, and prepared plans for a new $60,000 lodge building.

Out-of-town jewelers and jobbers who visited the local manufacturers last week included: George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Roberts, Veedersburg; A. R. Cooper, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred W. Green, Elwood; A. B. Westberry, Rankin; Dr. Conwell, Van Buren; J. H. Wetz, Sulphur Springs; J. A. Pickett, New Castle; Aaron Pursel, Noblesville; J. A. Meissen, Cicero; D. S. Whittaker, Lebanon; H. Wheeler, Dana; N. W. Myer, Crawfordsville; E. O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion, and Mrs. B. Maier, Edinburg.

San Francisco.

Geo. M. Franklin has opened a jewelry store on Fillmore St., near Post St.

M. Baskin, a manufacturing jeweler and diamond setter, has opened a workshop at 1775½ Geary St.

The W. K. Vanderslice Co. will soon be able to resume business, work on the new store being almost at an end.

Among the concerns which recently discontinued business in this city are: H. C. Ahlers, P. Castagnetto, H. Fredericks & Co., and Henry Wolff.

The new store of the Nathan-Dohrman Co. is completed, and in addition to the other lines carried a magnificent stock of cut glass ware has been added.

The Sterling Jewelry Co., formerly located at Kearny St., is now having a new store fitted up at 1613 Fillmore St., and expects to be ready for business in about two weeks.

John G. Barker, former proprietor of the Hotel Colonial, which was burned out during the great conflagration April 19, is now a part owner of the Hotel Jefferson, and is prepared to entertain his many friends in the jewelry trade. The Jefferson has ample sample rooms and every accommodation offered by the best hotels of the country.

The trustees of Leland Stanford, Jr., University, at Palo Alto, Cal., met in this city last week and decided to sell, for the benefit of the University, the valuable collection of precious stones and jewels left to the University by the late Mrs. Jane Stanford. Part of the collection will be disposed of at private sale, many offers from prominent eastern jewelry houses being already on file. Jewels not thus sold will be put up at auction in New York and London. The jewels were given to the University by Mrs. Stanford in 1899 for the purpose of raising funds with which to build a memorial church, but other funds afterward became available for that purpose and the jewels were not sold. It was Mrs. Stanford's desire that they should be sold for the benefit of the Stanford library.

Columbus, O.

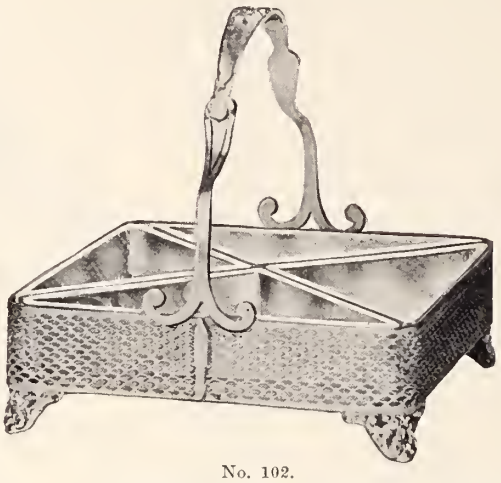
C. E. Radebaugh, N. High St., near Goodale, was visited recently by a stranger, who came in to buy a heavy wedding ring. After he had looked at several he finally said he didn't want any and started to leave, but Mr. Radebaugh ordered him to give the ring back. The thief denied having the ring at first, but on the next demand he threw it back on the counter. Mr. Radebaugh had watched the man closely, and had seen him slip a ring in the palm of his hand and hold it there.

Claude M. Wall, Gallipolis, O., was seriously injured here last Thursday at 12.30 o'clock in the afternoon, while in this city to see the State fair and to attend to some business affairs. At 17th and Long Sts. he was run down by an automobile, and his left leg was broken and his left eye badly cut. He was removed to St. Anthony's Hospital. The chauffeur, who was exceeding the speed limit, did not stop the car to see how badly Mr. Wall was hurt, and the police have been unable to locate him.

Some of Our 57 Varieties



No. 100.



No. 102.



No. 101.

CUT GLASS LININGS RELISH SETS, ETC. LOWER PRICES

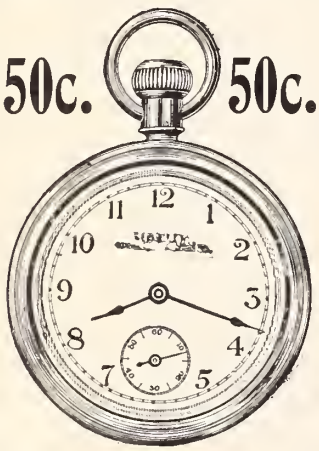
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114-116-118 CHESTNUT STREET, ST. LOUIS, MO.

Complete line of samples at our NEW YORK OFFICE, 25 WEST BROADWAY

Write for Fall catalog—now ready

50c. 50c.



Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....**50c**
In lots of 50, each.....**49½c**

Freedom Oxidized—Same as above in black gun metal case, each.....**55c**
In lots of 50, each.....**54c**

Freedom Gilt—Same as above in 14k gold-plated case, each.....**55c**
In lots of 50, each.....**54c**

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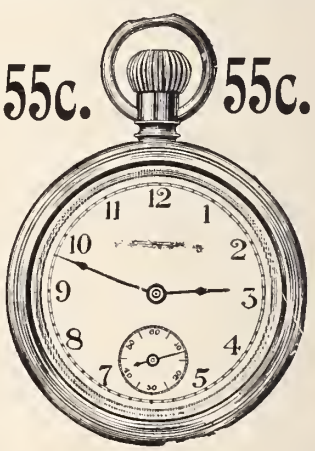
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55c. 55c.



H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...**55c**
In lots of 50, each.....**54½c**

Nubian Oxidized—Same as above in black gun metal case, each **60c**
In lots of 50, each **59c**

H. & A. Special Gilt—Same as above in 14k gold plated case, each **60c**
In lots of 50, each **59c**

JOS. NOTERMAN & CO.

DIAMONDS

IMPORTERS AND CUTTERS

Recutting and Repairing odd shaped and chipped stones a specialty. Manufacturers of Mountings and Fine Jewelry. Special Designs Furnished.

CINCINNATI, OHIO.

Minneapolis and St. Paul.

Kirchner & Renich, Minneapolis, have added four men to their working force.

Max Markus, formerly of New York, is now with Johantgen & Kohl, Minneapolis.

M. Christianson, formerly watchmaker for H. Birkenhauer & Co., Minneapolis, is now with J. B. Hudson & Son.

Mr. Klein, son of G. A. Klein, Duluth, was in the Twin Cities, last week, combining business and pleasure.

A. J. Simpkins, with the Tillson Jewelry Co., Carrington, N. Dak., is spending his vacation in the Twin Cities.

Miss Pratt, daughter of C. H. Pratt, a jeweler of Helena, Mont., is a guest of Mr. and Mrs. C. P. Greene, Minneapolis.

Robert Holman, diamond salesman for S. Jacobs & Co., Minneapolis, has resigned to take a position with J. B. Hudson & Son, of the same place.

The store of Chas. Olson & Co., 215 Central Ave., Minneapolis, was broken into by burglars about a week ago, and a quantity of small jewelry which had not been put in the safe was stolen.

George G. Gage, jeweler and optician for S. Jacobs & Co., Minneapolis, died suddenly of heart disease at his bench in the store recently. He was sitting in a natural position, leaning over his work bench, and his associates did not realize that he was dead for some time. He was unmarried, and had no known relatives except a sister at Dover, N. H., with whom he spent his vacation last July.

Among the out-of-town visitors in the Twin Cities last week, not elsewhere mentioned, were: L. H. Julsrud, Houston, Minn.; L. H. Bruns, Anoka, Minn.; J. Schleuder, St. Peter, Minn.; C. G. Blakeslee, Gettysburg, S. Dak.; T. J. Thompson, Barron, Wis.; E. A. Barker, Bemidji, Minn.; O. D. Leidal, Fergus Falls, Minn.; Paul T. Hunziker, Jordan, Minn.; C. O. Querna, Madison, Minn.; Albert Nelson, Toronto, S. Dak.; Mr. Wladimiroff, Aitkin, Minn.; A. J. Johnson, Ada, Minn.; W. E. Palmer, Mankato, Minn.; Henry Greethurst, Winona, Minn.; W. W. Devitt, Corwith, Ia.; Swan C. Hilleman, Murdock, Minn.; G. W. Foogman, Grafton, N. Dak.; J. E. Reid, Rochester, Minn.; S. S. Stadsvold, Fosston, Minn.; C. M. King, Deer River, Minn.; H. I. Ennis, Bruce, S. Dak.; J. C. McCalley, Ellsworth, Wis.; John Saxine, Prescott, Wis.; M. B. Steuerwald, Two Harbors, Minn.; C. O. Borgersrode, Winsted, Minn.; S. J. Stieglitz, Crookston, Minn.; John Holt, Eau Claire, Wis.

Montgomery, Ala.

William Weiss, of Julius A. Weiss & Son, captain of the Montgomery True Blues, has returned from Sea Girt, where he participated in the national shooting contests, serving as one of the Alabama representatives.

Jesse Davidson, 17 Commerce St., is making extensive improvements and additions to his jewelry store, just a few doors below the New Exchange Hotel, his growing business having compelled him to lease the adjoining office space. The new store will be attractively fitted up, it being Mr. Davidson's intention to equip the building with new crystal plate glass show cases and to add extensively to his diamond and silver stock. Large, double plate glass windows will be put in the front, and all the furnishings will be most modern in design.

Pacific Coast Notes.

E. R. Hubbard, Lompoc, Cal., has made improvements in the interior of his store.

W. F. Wooster, Suisun City, Cal., is at present visiting in San Francisco, Cal.

Cohn & Wiesenberger, 453 South Broadway, Los Angeles, have petitioned the City Council for permission to erect and maintain a Seth Thomas street clock in front of their establishment.

Some time during the night of Aug. 28 robbers entered the Pala Chief kunzite mine, near San Diego, Cal., and got away with gems valued at about $600. So far absolutely no trace of the robbers has been found. Frank Salmons, the principal stockholder in the mine, has offered $250 reward for information that will lead to the arrest of the thieves.

Ben Salvatori and L. Milligi, the Greeks who robbed A. N. Anderson, the jewelry peddler, recently, were up before Justice Ward in the Oroville Court and subsequently bound over to answer before the Superior Court on a charge of robbery. They both confessed to the theft and gave full details of the crime. After the examination, Justice Ward inquired of them through the interpreter if they had any questions to ask Anderson. They held a whispered consultation, and finally stated that they wished to apologize to him for robbing him. They begged Anderson to let them go, as they had apologized. But the officials did not see it in that light.

New Orleans, La.

L. Claudel is preparing to move his large optical establishment from Carondelet St. to a building in Canal St.

Extensive repairs have been started in the store and factory of T. Hausmann & Sons, Poydras St., which will be completed in time for the Fall trade.

L. Fishel, recently of Canal St., has moved into his new store in Carondelet St. The building has been remodeled and the establishment presents an attractive appearance.

The Globe Optical Co., capitalized at $20,000, filed its charter for record recently. The officers are: President, Henry M. Robbert; vice-president, H. J. Robbert; secretary-treasurer, Fred W. Robbert.

J. Van Weinfurter and his sister, Miss Lottie Weinfurter, son and daughter of J. Julius Weinfurter, have returned home after an extended tour over the north and east. Mr. and Miss Weinfurter visited New York, Philadelphia, Baltimore, Washington, Buffalo, Niagara Falls and points in Canada.

Coleman E. Adler reports that fair progress is being made in the manufacture of the splendid silver service to be presented to the battleship *Louisiana* by the citizens of this State. Meanwhile the committees are hard at work gathering the funds necessary to meet the price of the service and the cost of the attendent celebrations, and so far over $8,000 has been realized.

Canada Notes.

The number of jewelers represented among the exhibitors at the Canadian National Exhibition has been decreasing of late years, and this season only two firms made a display. Ambrose Kent & Sons occupied a central position in the Manufacturers' building with full lines of fine gem jewelry, watches and souvenirs. The most noteworthy item was an exact reproduction of the Manufacturers' building entirely encased in diamonds, rubies, emeralds, pearls and other precious stones. The model is 15 inches in length and its value, $38,000. The firm also displayed a $3,500 necklet of handsome design, in diamonds, opals and pearls. The Standard Silver Co., Toronto, showed a large and tastefully arranged collection of silverware.

The Canadian National Exhibition (formerly known as the Toronto Industrial Exhibition) opened in Toronto, Ont., Aug. 27, and continued for two weeks. As usual there has been a very large attendance of visitors from all parts of Canada, in addition to numbers from the United States. Many jewelers take the opportunity of combining business with pleasure and replenish their stocks for the Fall trade at this time. Among those who called on the trade during the exhibition fortnight were the following: From the Province of Ontario—F. Clarke and R. J. Frost, Peterborough; R. J. Dale and Geo. J. Wehrley, Harriston; F. G. Fawkes, F. Gills, E. H. Newman and A. Cox, Brantford; N. Boehmer and Jansen Bros., Berlin; J. Pequegnat and B. Savage, Guelph; S. A. Wilson, Warkworth; R. J. Agnew, Meaford; C. P. Gill, Hespeler; J. H. Gunther, Listowel; M. R. Pearce, Chesley; R. Patterson, Kincardine; E. Davis, Tilsonburg; W. F. McCarty, Lindsay; G. F. Counter, Simcoe; G. E. McLean, Collingwood; W. E. Blakeley, Trenton; E. A. Williams, Barrie; E. C. Daniels, Orangeville; Chas. J. Fennel, Thomasburg; N. McLeod, Cannington; R. B. Hillmer, Southampton; Buzza Bros., Owen Sound; Percy Byrne, Beaverton; W. J. Chambers, Coldwater; J. E. Tindale, Woodstock; J. F. Maynard, Campbellford; O. H. Smith, Tilbury; J. Wurster, Preston; C. A. Humber, Goderich; T. A. Rayner, Palmerston; Geo. R. Shaver, Arthur; Henry Alteman, Wellesley; Thomas Harrison, Wallaceburg; J. Swartout, Avon; A. W. Cox, Paris; Keach Bros., Sault Ste. Marie; G. H. O. Thomas, Bracebridge; J. A. Floyd, Mattawa; J. T. Scales, Mount Forest; J. J. Neilson, Arnprior; James Porte, Picton; J. R. Wendt, Wroxeter; J. F. Harper, Grand Valley; E. J. Schmidt, Rodney; S. Hadley, Sterling; M. Hildreth, Lucknow; E. D. Wilcox, Uxbridge; A. E. Swallow, Stayner; H. Herchmer, Bobcaygeon, and R. Dickenson, Strathroy.

Visitors to the recent Exhibition from other parts of Canada were: J. L. Gurd and J. A. McKee, Montreal; W. E. Crow, Fredericton, N. B.; C. M. Andrew, Winnipeg; Fred Leach, Neepawa, Man.; J. H. Doll, Calgary; Alba. and S. Nankin, Edmonton, Alba.

Julius Schmidt, Oshkosh, Wis., has sold out.

Tobias Johnson, Neillsville, Wis., has been succeeded by N. P. Nelson.



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Twenty years of success is sufficient recommendation to good business men. Here are a few of my late sales: Oliver & Davis, 3 Maiden Lane, New York, six months' sale, daily cash receipts $600 to $2,000; Fred F. Mead Co., Syracuse, N. Y., three months' sale, daily cash receipts $400 to $1,500; for Syracuse Trust Co., The Benedict Stock, two months' sale; Chas. L. Becker, Syracuse, N. Y., two and a half months' sale; The Edelhoff Bros. Co.'s stock, 574 Fifth Avenue, New York City, two months' sale; Dodd, Werner & Co., Cincinnati, four months' sale; Stevens, Wallace & Co., Chicago, two months' sale; Caldwell W. Johnson, 1027 Board Walk, Atlantic City, N. J., two and a half months' sale. Total sales for all these different firms, close to $300,000; my books show a profit over cost to the dealer of 20 per cent. Remember, Brother Jeweler, these stocks were the finest in America, consisting of 14K. and 18K. solid gold, diamond jewelry, fine art, china, cut glass, etc.; not a brass watch sold by me. Now, if I can do this for these merchants, why can't I do it for you? For over ten years my books have been open to all. I have kept the cost of all goods sold, and I have sold over one million dollars worth of jewelry at an average profit of 25 per cent. over cost. I defy any auctioneer or pair of auctioneers to show a better or equal record; my charges are no more than the fellow with no ability. Why experiment and ruin your good name by allowing a lot of cheap goods sold?

If you want goods to help the sale along, I will furnish you on memorandum bill $10,000 worth of diamonds, cut glass, watches and everything desired—goods direct from the manufacturers to you—at a price that will enable you to realize handsome profits. Your neighbor cannot compete, as he doesn't buy as I do for cold cash, $10,000 at a time, if necessary in order to get the lowest price. Write or wire me at once for dates, as I now have many calls, and shall sign up in a few days for the season. Write or wire any of the following offices:

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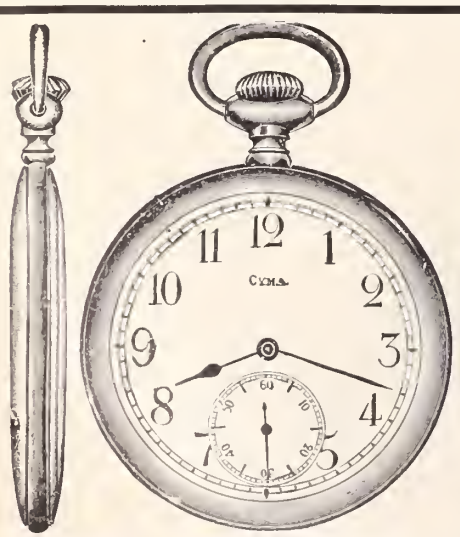
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TAVANNES WATCH COMPANY

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The Diamond Markets.

ANTWERP, Sept. 1.—Notwithstanding the recent vacation period, the diamond market has been very steady with a great demand for mêlée and two, three and four grain brilliants. Large roses from one to two karats are much in demand, but are rather hard to find.

About two years ago the nine-hour day went into effect in the diamond cutting shops, but was only a temporary arrangement, and recently the Gilde der Anwerpsche Diamantnyverheid sent a letter to the various employers, requesting their opinion as to the introduction of the eight-hour day. Upon receipt of their answers a meeting composed of the employes will be called and the question discussed, but it is believed that no general strike will follow.

A diamond cutter working for J. Fischer & Co., rue Simons, disappeared last week with diamonds valued at 4,000 francs. The man worked with three other men in a diamond factory of rue de las Province.

The following foreign buyers were here in the past fortnight: Messrs. Ronzoni Origelo, Emilio Colombo, Battista, Milan; Mr. Muller, Nurnberg; Messrs. Roller and Appelberg, Bucarest; Messrs. Mednikoff, Lunzer, Kauffmann and Backes & Strauss, London; Messrs. Slyper, Strasburger, H. H. Ullmann, Andre Lévie, Feher, Mitacoupolo, Prager, B. Rapoport, Gagarossian, Mardirosian, Mund freres, Sevadjian, A. Strauss, Schapira, M. Hahn & Co., Citroen, all of Paris; Mr. Schild, Alexandra; Mr. Arabian, Constantinople; Mr. Kahn, Stuttgart; Messrs. Bodenstein, Rosenberg, Block, Navan, W. Kohn, Vienna; Mr. Van Gulk, Goch; Mr. Frankel, Frankfort-on-Main; S. S. Kahn, Cracow; Mr. Giebenberg, Warsaw; Mr. Mendelsohn, Manchester; Mr. Margolin, St. Petersburg; Mr. Bernstein, New York.

PARIS, Sept. 1.—The month of August ended very satisfactorily for the diamond trade, and according to present conditions it is expected that September will be an excellent month. Important purchases must have been made at Antwerp for this city, for last week there were about 15 merchants from Paris buying in that city. The sales were made chiefly in two, three and four grain brilliants, mêlée of all sort up to 300 francs per carat, very small brilliants, three and six faces, roses and fancy stones.

The demand for pearls is enormous. Pearls of large sizes and fine quality are extremely difficult to find, and the same might also be said of even the smaller sizes. The price of pearls has advanced to a considerable extent within the past three months.

A new firm was recently established here under the firm style of Ruthenburg, Frères, rue Sainte Anne, for a period of 10 years, and with a capital of 40,000 francs.

Two merchants who formed a partnership a few months ago at Rue de Chateaudun, with a capital of 10,000 francs, have stopped payment.

AMSTERDAM, Aug. 30.—The demand for fine mêlée continues, and it is somewhat difficult to find good lots. There is also a great demand for brilliants from two to four grains and also very small ones. Roses are bought by French and eastern houses.

Improvements will soon be made at the diamond shop of Mr. Demmendall, at Hilversum. A new factory will also be erected at that place for Franz Kramer, which will make the sixth diamond factory in this city.

The ordinary goods of the Smith Premier mine, the "spotted," "Kloofsels" (brown) and the "naths" have advanced considerably. It is announced that in the future the quantity of Bulfontein goods offered for sale will be increased, this mine being at present in full operation.

Savannah, Ga.

S. E. Theus, of Theus & Co., has gone to New York, accompanied by his family.

Mrs. R. L. O. Lazarus, Macon, Ga., has bought the stock of M. Sternberg, bankrupt, trading as Sternberg & Co., for a cash bid of $7,140, which amount was the appraised value of the stock. Other bidders were H. Garfinkel and M. Sutker, jointly, and A. J. Corning. It is rumored that Mrs. Lazarus intends opening a store in this city.

Hon. A. H. MacDonnell, referee in bankruptcy, in reviewing the application of Jacob Sternberg, of the bankrupt firm of Simon & Sternberg, for a homestead of $1,600, found that although ample opportunity was given them, Simon & Sternberg failed to explain a shortage of stock valued at $8,012. He therefore denied the application of Jacob Sternberg on the ground that a full and fair disclosure of property had not been made, and that assets had been concealed.

A large quantity of goods consigned to R. Van Keuren & Co., via the Ocean Steamship Co., from New York, the loss of which was mentioned in THE JEWELERS' CIRCULAR-WEEKLY, several months ago, were recently recovered by the Savannah police detectives and identified by a representative of R. Van Keuren & Co. It developed that the goods had been stolen from the steamship wharves in Savannah by members of the company's special police officers, who are now confined in Chatham County Jail awaiting trial.

Lancaster, Pa.

TRADE CONDITIONS.

The tobacco crop of Lancaster County, on which so much of the country's prosperity depends, as well as the jewelry trade of this section, has been safely housed, and is estimated at 85,000 cases, worth at the lowest estimate, $3,000,000.

L. C. Reisner visited Chambersburg, Pa., on business last week.

Archibald Moncton, a prominent jeweler of London, Eng., last week visited the Hamilton Watch Co.'s factory.

Six students entered the Bowman Technical School last week, three being from Ohio, two from Pennsylvania and one from California.

Frank B. Fon Dersmith, formerly in business here for himself, has taken charge of the jewelry and silverware department at Louis Weber & Sons' store.

G. E. Fleisher, head watchmaker for Ezra F. Bowman's Sons, was called home last week from a vacation trip to Canada by the death of his wife's mother.

E. J. Wisner, who was employed with Charles M. Hancher, at Wheeling, W. Va., has taken a place with John B. Roth, Jr., succeeding John Ziegler, who has gone to Tonopah, Nev.

Alfred W. Moyer, manager of the Non-Retailing Co., went to New York on Friday, and on Saturday attended the clambake of the 24 Karat Club, of New York, which was held at Long Branch.

Frank Gaskins, Sunbury, is remodeling and enlarging his store. Elmer Pierce, who has just finished a course in watchmaking at the Ezra F. Bowman Technical School, has taken a position with Mr. Gaskins.

Among the jewelers visiting this city last week were Albert T. Heberling, Parkersburg; S. H. Miller, Mt. Joy; D. F. Frymyer, Groff's Store; A. S. Beiler, West Earl; S. J. Kirk, Wakefield; J. A. Kirk, Quarryville.

Edw. Rosenstein, of the Lancaster Silver Plate Co., is coming to the front as a sprinter. He recently won the 100-yard dash at the Royal Arcanum demonstration, and last week he won another 100-yard dash at a contest at Rocky Springs.

New Stores and Enterprises.

J. A. Hartney is a new jeweler in Grand Forks, B. C.

C. M. Krogh recently began business in Welcome, Minn.

C. C. Bergh is about to open a store at 195 E. 7th St., St. Paul, Minn.

W. Hughes & Co. are about to start in the jewelry business in Minden, Nebr.

R. I. Morse, Manchester, Ia., will shortly begin business in Strawberry Point, Ia.

Bechtold & Fritz have opened a jewelry and optical store in Sioux Falls, S. Dak.

J. G. Mackey, formerly of Gadsden, Ala., is now engaged in business in Valdosta, Ga.

Among the new storekeepers in Harrington, Wash., is Fisher Murray, a retail jeweler.

Mr. Hale is now engaged in the watch and jewelry repairing business in Dewitt, Nebr.

N. H. Jones has completed arrangements to open a store in the Boyce block, in Poultney, Vt.

L. C. Carter, a graduate of the Kansas City Horological School, has just opened a store in Granby, Mo.

W. J. Hinds and M. L. Solons have begun business in Rochwood, Tenn., under the name of Hinds & Solons.

Geo. Hoffman, formerly with G. Offenhauser & Co., Norfolk, Nebr., has gone to Leigh, in the same State, to engage in business on his own account.

A. F. Fricke, until recently with the Model Drug & Jewelry Store, Oklahoma City, Okla., has completed arrangements to commence business on his own account at 200 Main St., that city.

While leaving the store of W. H. Mortimer, Pottsville, Pa., recently, a young woman dropped a package containing a small amount of jewelry which had just been repaired for her, and a man picked up the parcel and made off with it. The woman followed and overtook the fugitive, who denied having taken the jewelry, and escaped.

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The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

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Philadelphia.

Victor Kurtz, 929 Chestnut St., left last week on a business trip to Boston.

Frank Scheuler, watchmaker for Charles Lewis, Frankford, is spending a vacation at Atlantic City.

A. G. Tansley, Darby, has returned with his family from Pitman Grove, where they spent the Summer.

William Bode, 1804 Market St., returned last week from an extended fishing trip in south Jersey waters.

A. F. J. Dorn, 834 Market St., Camden, N. J., spent a few days last week at Baltimore on a pleasure trip.

William C. Robertson, Jr., a Sansom St. diamond setter, has been drawn as a Grand Juror for the September term of the Criminal courts.

J. E. Caldwell & Co. have been awarded the contract for the prizes to be awarded at the annual meeting of the Road Drivers' Association of this city.

The Bailey, Banks & Biddle Co. has the contract for furnishing the trophies to be awarded at the fashionable Bryn Mawr Horse Show this month.

Dr. William Zineman, of the optical firm of M. Zineman & Bro., is at the Hotel Chelsea, Atlantic City, but will return from his vacation trip this week.

William Ebelman, watchmaker, resigned his position last week with Edward H. Herbein, 1620 Market St., to go with Harry Cain, Ridge Ave., near Diamond St.

W. M. Engle, 4233 Lancaster Ave., returned last week from a vacation trip to Wildwood, N. J., and then spent a few days at Pottsville, where a "home week" was made the occasion of a local celebration.

John Gordon Gray, president of Queen & Co., has been selected as a member of the committee of business men to organize a campaign for the election of Edwin S. Stuart, on the regular Republican ticket as Governor.

Out-of-town retailers in the city buying goods during the week included: John A. Smith, Mechanicsburg, Pa.; George Ware, Atlantic City, N. J.; C. F. Rudolph, Wilmington, Del.; J. Harry Holt, Mt. Holly, N. J.; A. M. Kendall, Millville, N. J.; R. M. Quicksall, Mt. Holly, N. J.

J. Frank Allee, Dover, Del., junior Senator from that State, was last week elected a member of the Republican State Executive Committee of Delaware, which is looked upon in political circles as a notable victory for him in his fight against his former political benefactor, J. Edward Addicks.

William C. Williams, with C. H. O'Bryon, 735 Sansom St., who spent the week's end at Avalon on a fishing trip, tells that he made the remarkable catch of 88 big weak fish last Sunday. Mr. Williams' fish story is corroborated by others in the trade who witnessed this piscatorial achievement.

Edward Comfret, a salesman in the store of C. S. Powell, 5 S. 8th St., was severely injured last week when a street car in which he was riding jumped the tracks and he was thrown from the rear platform. He was taken to the Episcopal Hospital. While painful and serious his injuries will not be fatal, according to the physicians.

The Lancaster Ave. retail jewelers will observe the last Wednesday half holiday this Saturday. During the Summer, by agreement, all closed at 1 o'clock. While other retailers in the city were not acquainted with this move, it is likely that next Summer it will become general in all sections to close at 1 P. M. on Wednesdays.

Sol. Sickles, of M. Sickles & Sons, has returned from a trip through Pennsylvania. Max Polak, of the traveling staff, was confined home last week with a facial abscess just after his return from a trip. J. Keller departs this week on his maiden trip in the interests of the firm. Max Einhorn, head watchmaker, spent part of the week at Wildwood fishing, in company with J. Meyers, 8th St. above Arch St.

The Koshland & Italie Co., wholesale jewelers, 7th and Chestnut Sts., applied this week to the Governor of Pennsylvania to have their paid-in capital stock increased from $40,000 to $65,000, such increase having been found necessary owing to the constantly increasing volume of business of the firm. George Donaldson, of the firm, returned last week from an extended vacation trip of five weeks through the Jersey coast resorts and to mountain resorts.

Pittsburg.

John G. Wilkins has accepted a position with the George B. Barrett Co.

F. F. Lang, of Gillespie Bros., is home from a trip to the Great Lakes.

C. C. Marsh, of the Marsh, Brown & Mather Co., is taking a rest at Mt. Clemens.

L. B. Mather, New Castle, Pa., was in Pittsburg last week buying china and cut glass to stock up his handsome store.

Charles S. Moore has gone on the road for Sam F. Sipe and will cover eastern Ohio and western Pennsylvania, visiting the retail jewelry trade.

The clock on City Hall is being renovated and painted, and everybody in the city is taking notice of the work. The clock had been out of order for some time.

Among the out-of-town merchants who last week visited Pittsburg were the following: Frank Murdock, Ligonier; Henry Zilliken, Wellsburg; P. J. Murphy, Dawson; J. Linnenbrink, Rochester; R. A. Noble, Wellsburg; H. B. Pothodd, Latrobe; A. Katzenmyer, Burgettstown.

News was received in Pittsburg of the death of Mrs. Sadie Davies Bower, wife of W. H. Bower, McKeesport, Pa., who died last Thursday morning. She was 27 years old and was a member of the South Side Welsh Congregational church. Her husband, two sisters and two brothers survive.

A boy employed by A. E. M. Covert, a manufacturing jeweler with headquarters at 226 Bessemer building, lost a package of jewelry on a street car several days ago. Mr. Covert advertised his loss, and as the package fell into honest hands, it was returned to him. The boy had stuck the package in his hip pocket and was on his way to the East End delivering orders when the loss occurred.

The Seventh Ave. Jewelry House, located at 302 Seventh Ave., was transferred by the B. Hirsch estate to Mrs. Anna Harris, Sept. 1, and all liabilities and assets which fall due after that date are assumed by Mrs. Harris, while all accounts prior to September will be charged to the B. Hirsch estate, and should be liquidated in full before Jan. 1, 1907. Mrs. Harris, who assumes the business, is one of the heirs-at-law of the late B. Hirsch, and the store is part of her distributive share in the estate.

Rochester.

Henry Sloane will shortly open up a new store on Clinton Ave., N., in which the leading feature will be a modern jewelry department.

The police department has been asked to look for a man under suspicion of having robbed the jewelry store of J. Napica, Machias, N. Y., of a large amount of jewelry, consisting mostly of watches, on the night of Aug. 30. A reward of $25 is offered. It is believed the men who did the job hailed from Rochester.

Burglars entered the store of Samuel Goldenstein, at 224 State St., on the evening of Sept. 4, and stole a quantity of jewelry and other articles. Entrance was gained through a rear window. The police believe it to be the work of boys. The store is on the second floor, and the thieves had an excellent opportunity to work. Two gold-filled watches, valued at $5.50 each, and 11 watches valued at $4 each, with several articles of jewelry of lesser value, were taken.

The store of Abe Neiman, 28-36 West Ave., was entered some time on the night of Sept. 3, and about $500 worth of jewelry, leather goods and furnishings stolen. Mr. Neiman has one of the largest stores on the west side, and there is a rear opening on the tow path. Fearing burglars, he had iron bars placed on the rear windows. The burglars broke the glass in one of the rear windows and then pried the iron bars apart. So much was taken from the store that it is believed the thieves used a wagon to cart away the loot.

A man giving his name as J. W. Cole, 59 years old, is under arrest at Ogdensburg, charged with robbing the post offices in various towns in Jefferson County. He is also suspected of responsibility for a number of small store burglaries in that part of the State. When arrested, Cole had a grip containing the following articles: Twelve plated brooches, valued at from 50 to 75 cents apiece; 13 cheap, plain band rings, one pair plated bracelets, two pocket knives, 10 watch chains, two watch fobs, and a Knights Templar solid gold charm set with rubies and diamonds, valued at about $30. This charm still has attached the retailer's tag with the cost mark "CABT." He also had a pawn ticket for a watch and fob issued in this city. The Rochester police will ask that Cole be turned over to them as soon as the Ogdensburg people are through with him, as they believe the jewelry comes from a Monroe County jewelry store.

The following were recently elected directors of the Colonial Bronze & Silver Co., Kingston, N. Y., for the ensuing year: M. A. Moore, E. J. Binch, M. A. Silkworth and W. H. Gower. Otto Fisher and M. A. Silkworth were appointed inspectors of election.



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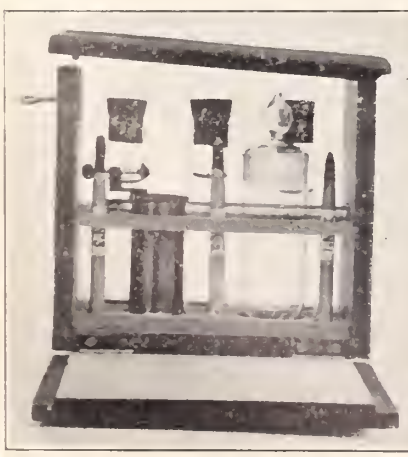
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A Chicago Veteran's Autobiography.

IN connection with the recent consolidation of the tool and material business of J. H. Purdy & Co., Chicago, with the business of A. C. Becken, under the present style of A. C. Becken Co., Mr. Purdy was approached by THE CIRCULAR-WEEKLY correspondent for a few facts in regard to his long career in the material business of this country, and in response supplied the following sketch of his life:

"April 1, 1835, was the appropriate time for my arrival at Bath, N. Y., but the slow-going stage of that time was four days late, arriving at 2 A. M. Saturday, April 4. Escaping Friday by two hours, I was in a most destitute condition—sans hair, sans teeth, sans clothing, without money, unable to walk, sit, or talk English, entirely with strangers in a strange country. My elder brothers, unknown to me, provided me with their cast-off clothing, and other friends provided the sweetest of lacteal and tender care until I learned to read and spell words of two or three syllables, and was well along toward manhood.

"At 19 great possibilities were in sight—there was one chance in 50,000,000 of becoming president, one chance in several thousand of getting rich, four chances out of 100 of having enough to afford to be sick a month, 96 chances in 100 to toil all the days of my life for an existence. Naturally I chose the latter—to realize this dream of halcyon days, I learned to repair watches and jewelry, to soft solder gold rings, replace a jewel with brass bushing, cut off steady pins, scratch watch plates, reduce a balance spring with acid, and many other unique methods of watch repairing not taught in technical schools.

"Among other accomplishments I learned to sing and fumble a wheezy organ, which musical association led to an acquaintance with a brilliant and accomplished school teacher of the feminine type. That settled it. We went to Des Moines, Ia., in 1859. S. C. Goodwin had money—I had experience. We engaged in watch repairing and jewelry business; you have heard the story before of such alliances—this was different. We both had some money when dissolution occurred.

"In 1865 I began traveling—first for myself, later for others. In 1875 began to use the name of J. H. Purdy & Co., as watch material dealers, having orders filled by Chas. Wendell, a wholesale jeweler of high ideals. In 1880 enough was accumulated to buy Mr. Wendell's material department (on time), and a business established under the title of J. H. Purdy & Stein, at 125 State St., Chicago. In 1883 this partnership dissolved and the name of J. H. Purdy & Co. was re-established, and possibly would have continued and been known as watch material dealers until Gabriel interfered with his 'horn' had not an alliance with A. C. Becken occurred, which combination creates what all the business world is drifting toward, viz., complete lines under one management."

It is reported that the Japanese Government has ordered a great number of watches from Switzerland, and intends to give them as souvenirs to those sailors and soldiers who have served in the late war.

INDEX TO ADVERTISEMENTS.

Aikin-Lambert Co. ... 127
Allsopp & Allsopp ... 35
Alvin Mfg. Co. ... Inside front cover
American Gem & Pearl Co. ... 68
American Platinum Works ... 127
American Ring Co. ... 40
American Silver Co. ... 19
Apollo Silver Co. ... 122
Arch Crown Mfg. Co. ... 72
Arnstein Bros. & Co. ... 54, Outside back cover
Ascheim, Jules ... 38
Austin, John, & Son ... Outside back cover
Aztec Turquoise Co. ... 66
Bagg, Perine & Co. ... 64
Ball, Webb C., Watch Co. ... 80
Baschkopf, Jacob ... 88
Bassett Jewelry Co. ... 40
Bastian Bros. ... 28
Bates & Bacon ... 30
Berge, J. & H. ... 114
Bigalke & Eckert Co. ... 78
Bigney, S. O., & Co. ... 4
Billings, Chester, & Son ... 60
Bing, Ferdinand, & Co.'s Successors. ... 116
Bishop, R. W. ... 114
Blackinton, R., & Co. ... 14
Blackinton, W. & S., Co. ... 17
Blancard & Co. ... 114
Boote, Edward ... 121
Borrelli & Vitelli ... 90
Bowden, J. B., & Co. ... 31
Bradley Polytechnic Institute ... 123
Brower, Maurice ... 60
Bruhl Bros. & Henius Co. ... Outside back cover
Bryant, M. B., & Co. ... 31
Buckley, Samuel, & Co. ... 33
Bunde & Upmeyer Co. ... 54
California Jewelry Co. ... 58
Carrington & Co. ... 32
Carter, Howe & Co. ... 33
Chatham National Bank ... 74
Chopard Frères ... 58
Cohen, Jules E. ... 58
Columbian Jewelry Supply Co. ... 126
Conley & Straight ... 126
Cooper Diamond Co. ... 60
Cooper & Formau ... 76
Cottle, S., Co. ... 34
Crohn, M. ... 33
Cross & Beguelin ... 43, 72
Crouch & Fitzgerald ... 120
Day, Clark & Co. ... 35
Deacou, Louis J. ... 58
Depasse Mfg. Co. ... 32
De Selms Watch School ... 108
Diamond Point Pen Co. ... 127
Didisheim, Hipp. & Bro. ... 106
Donnelly, J. J. ... 114
Doran, Bagnall & Co. ... 42
Dorflinger, C., & Sons. ... 118
Dubois Watch Case Co. ... 108
Duffner & Kimberly Co. ... 123
Dulk, Robert ... 32
Durand & Co. ... 32
Eden, C. H., Co. ... 30
Eichberg & Co. ... 66
Elgin National Watch Co. ... 102
Eliassof Bros. & Co. ... 88
E. P. H. Chain Catch ... 37
Eppinstein, L. A., & Co. ... 84
Fahys, Joseph, & Co. ... 1
Fairchild & Co. ... 126
Feeley, W. J., Co. ... 40
Follmer, Clogg & Co. ... 27
Forman Co. ... 121
Forsinger, J. W. ... 104
Foster, Theodore W., & Bro. Co. ... 44
Freund, Henry, & Bro. ... 28
Friedlander, R., L. & M. ... Outside back cover
Frink, I. P. ... 76
Garreaud & Griser ... 76
Gesswein, F. W., Co. ... 114
Goldsmith, C. P., & Co. ... 29
Goodfriend Bros. ... 62
Gorham Co. ... 70
Gougelman, Paul ... 120
Griffoul, August ... 114
Gruen, D., Sons & Co. ... 104
Guardian Trust Co. ... 74
Guerin, Wm., & Co. ... 121
Hagstoz, T. B., Ltd. ... 126
Hamilton & Hamilton, Jr. ... 9
Hammel, Riglander & Co. ... 125
Hanson & Van Winkle Co. ... 128
Harris & Harrington ... Outside back cover
Hedges, A. J., & Co. ... 32
Hedges, Wm. S., & Co. ... 62
Heintz Bros. ... 22
Heller, L., & Son. ... 52
Herpers Bros. ... 114
Hirsh & Hymau ... Outside back cover
Hodenpyl & Walker ... 52
Hoe's, James C., Sons ... 123
Holsman & Alter ... 86
Holtzer-Cabot Electric Co. ... 127
Honesdale Decorating Co. ... 120
Hooper, H. J. ... 114
Hopkins, E. ... 92
Hotel St. James ... 37
Howard, E., Clock Co. ... 108
Hraba, Louis W. ... 42
Humphrey, John B., Co. ... 66
Hutchison & Huestis ... 41
Illinois Watch Co. ... 8
International Gem Co. ... 66
International Silver Co. ... 20, 21, 48
Jacot Music Box Co. ... 120
Jeandheur, F., Jr. ... 114
Jeanne, Frederick A. ... 62
Jewelers' League ... 125
Johnston, W. J., Co. ... 10, 11
Juergens & Andersen Co. ... 80
Juergensen, Jules ... 93
Kahn, L. & M., & Co. ... Outside back cover
Kassel, Abe. ... 124
Kaufman, Louis, & Co. ... 62
Keck, Herman, Mfg. Co. ... 80
Keller Jewelry Mfg. Co. ... 12
Kent & Woodland ... 35
Keppler, George ... 76
Ketcham & McDougall ... 124
Klipper Bros. ... 109
Kohlbusch, Herman, Sr. ... 76
Kohn, Alois, & Co. ... 34
Kohn & Co. ... 37
Koshland & Italie Co. ... 42
Lackner & Ohl ... 123
Langendorf Watch Co. ... 106
Larter & Sons ... 46
Lederer, S. & B., Co. ... 40, 41
Lelong, L., & Bro. ... Outside back cover
Leon Watch Case Co. ... 108
Levy, Robert. ... 26
Lewy & Cohen ... 33
Libbey Glass Co. ... 118
Lisner, D., & Co. ... 26
Lissauer & Co. ... 58
Loeb, Wm., & Co. ... 40
Lorsch, Albert, & Co. ... Outside back cover
Lowe, Edwin, & Co., Inc. ... 43
Luthy & Hiue. ... 33
Lyons Gem Co. ... 52
Maebert & Reiss ... 108
Maple City Glass Co. ... 120
Market & Fulton National Bank ... 74
Martin, S. ... 76
Mathey Bros., Mathez & Co. ... 124
Mercantile National Bank ... 75
Meriden Britannia Co. ... 48
Meyerowitz Bros. ... 58
Miller, Fuller & Whiting ... 43
Moe, Charles ... 36
Moore & Sons. ... 36
Morgan, John, Sons. ... 123
Mount & Woodhull ... 64
Murray, Dan I. ... 88
Myers, S. F., Co. ... 122
Nassau Bank ... 68
Nebeling, Edmund R. ... 76
New York Central Railroad. ... 121
Nissen, Ludwig, & Co. ... 64
Noel, Rudolph, & Co. ... 80
Noterman, Jos., & Co. ... 86
Ohan, G. ... 108
Ohio Cut Glass Co. ... 90
Oliver Typewriter Co. ... 124
Ollendorf, L., Co. ... 35
Oppenheimer Bros. & Veith ... 50
Oppenheimer, H. E., & Co. ... 50
Oriental Bank ... 74
Orkin Bros. ... 40
Osmun-Parker Mfg. Co. ... 32
Ostby & Barton Co. ... 31
Page-Davis Co. ... 121
Pairpoint Corporation ... 121
Parks Bros. & Rogers ... 24
Passmore Gem Co. ... 58
Patek, Philippe & Co. ... 109
Penfold, Wm. C., Co. ... 109
Percival, D. C., & Co. ... 78
Potter & Buffinton Co. ... 39
Power, Chas. L., & Co. ... 62
Powers & Mayer ... 13
Price, Cyrus, & Co. ... 52
Prior, Charles M. ... 38
Pryibil, P. ... 126
Pryor Novelty Co. ... 88
Racine, Jules ... 109
Reed & Barton Co. ... 18
Reichhelm, F. P., & Co. ... 114
Renziehausen, W. F., Co. ... 126
Revell, A. H., & Co. ... Outside back cover
Rice's, Bernard, Sons. ... 122
Ries & Armstrong ... 109
Riviere Brass & Bronze Works ... 122
Robert, Edmund E. ... 106
Rockford Silver Plate Co. ... 27
Rockford Watch Co. ... 108
Roger Williams Silver Co. ... 40
Rohrbeck, John E. ... 33
Roseman, A. ... 52
Ross, Saltman & Anderson ... 36
Rothschild Bros. & Co. ... 38
Roy Watch Case Co. ... 107
Rudolph & Snedeker ... 93
Rumpp, C. F., & Sons ... 121
Sadler, F. H., Co. ... 39
Saunders, Meurer & Co. ... 62
Scharling & Co. ... 120
Schiff, M. ... 34
Schultz, Leiss & Co. ... 25
Scofield & De Wyngaert ... 34
Sessions Clock Co. ... 109
Seymour, Cassius W. ... 35
Shiman Bros. & Co. ... 82
Simmons, R. F., Co. ... 23
Simpson, Hall, Miller & Co. ... 21
Smith, Alfred H., & Co. ... 50
Smith, E. H. H., Silver Co. ... 124
Smith, Frank W., Co. ... 25
Snow & Westcott ... 33
Sohn & Hyman ... 66
Solidarity Watch Case Co. ... 43
Spencer, E. L., Co. ... 42
Sprague Law School ... 88
Staninger, E. E. ... 36
State Bank ... 74
Steiner, Louis ... 120
Stern Bros. & Co. ... 66, Inside back cover
Sternau, S., & Co. ... 24
St. Louis Silver Co. ... 86
St. Louis Watchmaking School ... 108
Strauss, Ignaz, & Co. ... 122, Outside back cover
Street, Geo. O., & Sons ... 37
Tavaunes Watch Co. ... 88
Thomas, Seth, Clock Co. ... 107
Tivoli Art Glass Co. ... 118
Trenton Watch Co. ... 107
Trout, Charles L., & Co. ... 32
Tuska, A. I. ... 120
Van Dam, Eduard. ... 60
Wadsworth Watch Case Co. ... 6, 7
Wagner Mfg. Co. ... 34
Waite-Thresher Co. ... 41
Waltham Watch Co. ... 100
Washburn, C. Irving ... 37
Weizenegger Bros. ... 36
Wells, Chester H. ... 109
Wendell & Co. ... 5
Western Clock Mfg. Co. ... 108
Wheeler, Hayden W., & Co. ... 50
Whiting & Davis ... 29
Whiting Mfg. Co. ... 15
Wodiska, Julius ... 38
Wolfsheim & Sachs ... 128
Wood, C. F., & Co. ... Outside back cover
Wood, J. R., & Sons ... 2, 3
Woodside Sterling Co. ... 16

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Situations Wanted.

WISH to learn diamond setting. Address "A., 7484," care Jewelers' Circular-Weekly.

WANTED, a situation by a first class jeweler and engraver; 15 years' experience. Address "T. C., 7558," care Jewelers' Circular-Weekly.

POSITION wanted by an experienced watchmaker and salesman; no engraving; own tools, etc. "H. H.," 845 N. 7th St., Springfield, Ill.

MOUNTED, diamond and mounting line wanted, by experienced salesman; east or west. Address "Jackson, 7515," care Jewelers' Circular-Weekly.

JEWELER, good workman, would like position with small firm where he could become a partner. "H., 7473," care Jewelers' Circular-Weekly.

SALESMAN, well acquainted in the trade, wants fine 10 or 14 kt. line for the large cities. Address "H., 7514," care Jewelers' Circular-Weekly.

SITUATION WANTED as assistant engraver, to finish trade; am also jewelry salesman; will go anywhere. Address I. Workin, 234 E. 98th St., New York.

EXPERIENCED SALESMAN open for a line; retail trade; New York and vicinity; salary or commission. "C. D., 7548," care Jewelers' Circular-Weekly.

ENGRAVER, 26, wants steady position; can do some jewelry and clock repairing; Ohio or nearby States preferred. Address E. R. Whiston, Portland, Ore.

SALESMAN, who has traveled many years in the south and southwest, is open for position; highest references. Address "E., 7549," care Jewelers' Circular-Weekly.

YOUNG MAN, 22, wants position; graduate of Rees Engraving School; first class engraver; references given. I. H. Clark, Lock Box 486, Clifton Springs, N. Y.

WANTED. A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

OPTICAL SALESMAN is open for position; 12 years with one house; hustler; south and far west; highest references. Address "M., 7550," care Jewelers' Circular-Weekly.

SALESMAN wants a traveling position with some first class silver house; 20 years' experience in large city in the east. Address "K. T., 7520," care Jewelers' Circular-Weekly.

WANTED, a position by a first class jewelry jobber, with good experience on new work, or would consider partnership. Address "Jeweler, 7521," care Jewelers' Circular-Weekly.

THOROUGHLY experienced man wants position as watch repairer; 20 years' experience in all classes of watches; can manage branch. "R. R.," 1220 N. 28th St., Philadelphia, Pa.

A YOUNG MAN, 22, having a good knowledge of jewelry business, desires position in same line where advancement keeps pace with ability. F. Winter, 312 Stockton St., Brooklyn, N. Y.

WATCHMAKER, of 25 years' experience is open for engagement Oct. 1; location in south; railroad work preferred; no offer of less than $25 considered; best references as to character and skill in first letter. T. A. Iler, care Leonard Krower, 536 Canal St., New Orleans, La.

BOOKKEEPER, young man, with fair knowledge of double and single entry bookkeeping, wishes position with manufacturing concern. Address "B. K., 7517," care Jewelers' Circular-Weekly.

WATCHMAKER desires good position with first class jewelers; accustomed to waiting on trade; high class references; not an engraver. Address "B. W., 7523," care Jewelers' Circular-Weekly.

YOUNG MAN, desires position as assistant salesman. Address, E. J. Fitzsimmons, 406 Hicks St., Brooklyn, N. Y.

WANTED, AT ONCE, a position by young man who is a watchmaker, engraver and optician; will answer all letters promptly and give further particulars. Address R. B. Stewart, Nunda, N. Y.

WATCHMAKER, young man, desires to make change; wishes good, reliable position; also can do jewelry repair work and some engraving. Address "N. E., 7543," care Jewelers' Circular-Weekly.

BY WATCHMAKER and engraver, age 28, single, competent; have tools and references; none but first class firms paying $25 to $30 per week. Address "F., 7541," care Jewelers' Circular-Weekly.

WANTED, position, by experienced salesman; three years' experience; south and middle west; call on best trade; furnish references and bond. Address "C., 7474," care Jewelers' Circular-Weekly.

MAN, with 15 years' experience in the retail jewelry business, desires engagement with a reliable house as salesman or head watchmaker. Address "Y. F. B., 7582," care Jewelers' Circular-Weekly.

YOUNG LADY desires position; two years' experience with manufacturing jewelry concern; knowledge of bookkeeping; can furnish best references. Address "R., 7478," care Jewelers' Circular-Weekly.

WANTED, POSITION in jewelry store, by good engraver (24); wishes to learn watch work; good character; references; New England preferred. Address "X., 7459," care Jewelers' Circular-Weekly.

YOUNG MAN (24), would like to change to more active house; has been seven years and still with diamond importer and mounted goods house; best of reference. "F. J., 7475," care Jewelers' Circular-Weekly.

SITUATION WANTED as first class watchmaker, engraver and salesman in New York City; competent; 15 years' experience; reliable; reference. Address "U., 7568," care Jewelers' Circular-Weekly.

SALESMAN, with a successful record, at present employed, desires to correspond with a good house relative to changing; indoor or outdoor position. Address "C. R., 7555," care Jewelers' Circular-Weekly.

ENGRAVER and ad. writer; first class; rapid and accurate letter and monogram engraver who can write ads. that pull; progressive firm only. Address "More Business, 7358," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

A FRENCH DESIGNER of diamond mountings and gold jewelry, with first class city references, seeks employment with a good house, with a view to permanency. Address "A. F.," 138 E. 29th St., New York.

WANTED, position as assistant watch and clock repairer in retail jewelry store; will assist as salesman; age 23; own tools; preferring Philadelphia or vicinity. Address "M. O., 7507," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, thoroughly acquainted with the jewelry and department store trade, middle west, would like to connect with a manufacturer. Address "Successful, 7566," care Jewelers' Circular-Weekly.

HIGH GRADE salesman, who thoroughly understands the jewelry business, is open for position in 1907 to represent manufacturer's line, on salary or commission. Address "S., 7424," care Jewelers' Circular-Weekly.

SALESMAN, with wide experience and thorough knowledge of department store trade, wishes to secure first class gold or plate line for New York City and the visiting trade; salary or commission. "J., 7498," care Jewelers' Circular-Weekly.

A GOOD jeweler wants position in store, first class on job and new work; good stone setter; all kinds of coloring and gilding. Address "J. H. S.," care H. L. Holst, The Jeweler, 1026 Atlantic Ave., Atlantic City, N. J.

EXPERIENCED MAN, used to handling diamond and gold jewelry, wants position as inside man or traveler for western and northwestern territory. Address "S., 7540," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

YOUNG MAN, first class letter and monogram engraver, wants a position where he can exchange his services as such for an opportunity to learn chasing; references and samples of work. "L. G., 7504," care Jewelers' Circular-Weekly.

PRACTICAL refractionist and watchmaker of long experience, using latest methods in optical line; diamond setter and good salesman; to locate with good house in good city; reference. "Good, 7387," care Jewelers' Circular-Weekly.

BY MANUFACTURING JEWELER, as foreman and designer; first class on gold and platinum diamond work; 14-K. artistic jewelry and fancy rings; fully experienced in above position. A. Thieme, care E. P. Reichhelm & Co., 23 John St., New York.

WANTED, by Jan. 1, 1907, a position on the road by a young man, one who has passed the foolish age and is successful in handling high grade retail trade; will work on either salary or commission. Address "Grade, 7513," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, optometrist and salesman, desires position with first class house; experienced on fine and complicated work; use latest methods in refracting; sober and reliable; age 30; single; references. Address "G., 7577," care Jewelers' Circular-Weekly.

POSITION WANTED; a salesman of ability, calling on the high class jewelers and stationers of the large eastern cities, including Philadelphia, Baltimore and Washington, seeks a high class position. Address "Hustler, 7519," care Jewelers' Circular-Weekly.

YOUNG MAN, with five years' experience in watch and jewelry house, would like position as stock clerk and inside salesman, with opportunity for advancement; well acquainted with goods and the trade. Address "B., 7581," care Jewelers' Circular-Weekly.

WATCHMAKER, expert on fine and complicated work, competent to take full charge of repair department; own complete set of tools, including lathe and attachments; 14 years' experience; age 27; married; A1 reference. Address "H. G., 7503," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly.

FOREMAN, thoroughly experienced, making a specialty of fine diamond mountings and rings of every description, producing at present extremely successful line of hollow ware and bracelets, wishes to make advantageous change; highest references. "R., 7567," care Jewelers' Circular-Weekly.

ENGRAVER, first class up-to-date monogram, letter engraver and etcher, capable of taking charge of engraving department or assist foreman; A1 references from large houses; 20 years' experience; only first class propositions will be considered. Address "M. M., 7559," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, competent to do fine complicated and railroad work; adjuster, engraver, optician and jewelry repairer; 23 years' experience; desires a change; finest set of tools and trial case; A1 references; only first class houses; Seattle or northwest preferred. Address Henry Paulson & Co., Powers Bldg., 156 Wabash Ave., Chicago, Ill.

AN ARTIST, German, with a thorough technical education in steel engraving, chasing, modeling and drawing, wishes to obtain a permanent position in the United States in a respectable jewelry or silversmith establishment; he has the highest respectable references. Address "K. L., 370," Editor Journal der Gold-Schmiedekunst, Leipzig, Germany.

MANUFACTURERS salesman, now employed, selling New York retail trade wants to connect with another house; salary or commission. Address, "Jewelry, 7556," care Jewelers' Circular-Weekly.

SITUATIONS WANTED.—Continued.

WELL KNOWN traveling salesman, thoroughly experienced, with an established trade among the best jewelers of New York City, Boston and Philadelphia, seeks a position with a manufacturer, making a fine line of 14-K. goods; good, straight salary or salary and commission; can furnish best references. Address "Z., 7518," care Jewelers' Circular-Weekly.

A SALESMAN of thorough experience, at present employed, wishes to make change, this Fall or Jan. 1; well acquainted with jobbers, retailers and premium buyers, watches or jewelry, east of Cincinnati; manufacturer's line only; first class credentials; straight salary, or salary and commission; in answering, allow for one week to answer. Address "L., 7347," care Jewelers' Circular-Weekly.

HIGH GRADE watchmaker, 23 years, expert on complicated and railroad work, adjuster, engraver, optician and jewelry repairer, desires a change by Oct. 15 to Nov. 1; finest set of tools and trial case; A1 references; only first class houses; northwest, Washington, Montana or Rocky Mountains preferred. Address C. Koch, care G. M. Buter, Manufacturing Jeweler and Time Inspector, Deadwood, S. D.

ENGRAVER and designer, first class man, thoroughly experienced on very high class work, plain, fancy, leaf ciphers and block monograms; script, old English, block and Roman lettering; inscriptions; ornamental jewelry and enamel cutting, chasing, carving, etc.; etching on prize and loving cups and spoons; designing of diamond and antique jewelry, badges, class pins; 23 years' experience; highest references. Address "Engraver and Designer, 7560," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, jewelers; state wages wanted. Meyer Jewelry Co., Kansas City, Mo.

WANTED, jeweler and engraver for trade shop. Address Fellencer & Leitheiser, Allentown, Pa.

WANTED, a lady engraver and jeweler. Address "Anxious, 7370," care Jewelers' Circular-Weekly.

WANTED, watchmaker for country; steady job; wages, $15. Apply to Emile Dreyer, 75-77 Nassau St., New York.

WANTED, AT ONCE, first class jeweler and engraver; permanent position. Garibaldi & Bruns, Charlotte, N. C.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, a first class jeweler on repairing, and some new work. Address "W. C., 7553," care Jewelers' Circular-Weekly.

AT ONCE, first class jeweler and engraver, who can assist with other work. The Jobe-Rose Jewelry Co., Birmingham, Ala.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

WANTED, AT ONCE, a watchmaker and engraver; permanent position to the right man. J. W. Jones, Mt. Sterling, Ky.

MAN to do general jewelry jobbing and clock work; state age and wages. "X. Y. Z., 7578," care Jewelers' Circular-Weekly.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, jeweler and optician or jeweler and engraver; good position to the right man. Address J. K. Roumain, Baton Rouge, La.

WANTED, competent watchmaker, optician and engraver; one who can also wait on customers. Address W. H. Welch, Demopolis, Ala.

GOOD POSITION open for young lady, one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

SALESMAN WANTED in first class jewelry store; good references required. Address "L. M., 7575," care Jewelers' Circular-Weekly.

GOOD POSITION open for young man; one who understands the wholesale jewelry line. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, an assistant watchmaker and engraver; permanent position and good pay to competent man. E. M. Button & Co., Bridgeport, Conn.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

GOOD ENGRAVER, who can assist on watch and clock repairs; a good workman with the best of habits. Harvey B. Locke, Amesbury, Mass.

WANTED, first class gold engraver; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

CLOCKMAKER WANTED; one who is familiar with high grade work; address with reference. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WANTED, watchmaker who is accustomed to retail jewelry store; good all around man; southern man preferred. Fred E. Vaissiere & Co., Rome, Ga.

WANTED, good watchmaker and salesman in city near Pittsburg; good wages; reference required. Address "R. W., 7501," care Jewelers' Circular-Weekly.

SALESMAN, for New England, by manufacturer of cut glass; references and your complete history required. "Standard, 7599," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

EXPERIENCED salesman, in retail jewelry establishment; permanent position; A1 references required. Lambert Bros., Third Ave., corner 58th St., New York.

WANTED, watchmaker and jeweler, one who can engrave preferred; salary, $20 to $25 per week; address with references. J. Lowinsohn, Birmingham, Ala.

ONE JEWELER, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

AT ONCE, an A1 watchmaker and engraver; permanent position; must give good reference; good salary. John A. Miller, 9th St. and Commercial Ave., Cairo, Ill.

WANTED, good watchmaker who can also do general store engraving; permanent position; good wages. Address "Jeweler A., 7492," care Jewelers' Circular-Weekly.

WANTED, capable watchmakers or finishers, those with factory experience preferred; write application, state age, experience, etc. Trenton Watch Co., Trenton, N. J.

WANTED, an engraver and watchmaker and an all around man for a prominent city of the south; good position. Address W. Green & Co., 81 Nassau St., New York.

WANTED, a young man as assistant watchmaker and engraver, at once; send sample of engraving and photo; permanent position. Address Thos. L. Bell, Americus, Ga.

WANTED, salesman for New York City and surroundings, for a full line of Swiss and American watches; commission basis. "Line, 7477," care Jewelers' Circular-Weekly.

WATCHMAKER, expert on railroad work, in town of 1,800 population, near Baltimore; state wages and what you can do. Address "N., 7453," care Jewelers' Circular-Weekly.

WANTED, an experienced salesman to take a line of silver plated ware on commission, through the middle States. Address L. A. Littlefield Silver Co., New Bedford, Mass.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, one expert watchmaker and one first class jeweler; pleasant and permanent position at good salary; apply with reference. L. Lechenger, 419 Main St., Houston, Tex.

AT ONCE, watchmaker, one capable on railroad watch inspection work and general store engraving; only first class men need apply; fine position; good salary. E. L. Allen, Trinidad, Colo.

STENOGRAPHER and typewriter wanted; one familiar with keeping stock; steady position; state salary and references. Address A. Roseman, 9 Maiden Lane, New York.

WANTED, an A1 watchmaker, engraver and optician; must furnish satisfactory references; steady position and good salary to the right man. Cleis & Clauer, South Bend, Ind.

WANTED, four first class watchmakers who engrave, for good positions in Colorado; good pay to the right men. W. W. Hamilton & Co., Wholesale Jewelers, Denver, Colo.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WANTED, two good engravers, two watchmakers and jewelry repairers; send sample of engraving and full particulars at once. Burt Ramsay, corner Euclid and Erie St., Cleveland, O.

WANTED, watchmaker and optician, must be good workman; one who can assist in engraving preferred; permanent position; short hours. Schweizer-Bewig Jewelry Co., Selma, Ala.

THREE experienced young salesmen for jewelry, sterling silverware, bric-a-brac, etc., for first class retail store; state experience, etc. Address "C. D., 7319," care Jewelers' Circular-Weekly.

EXPERT WATCHMAKER, good engraver and hard solderer wanted, at once; none other need apply; state salary, experience, reference, age. Address R. J. Satterthwait, Charleston, W. Va.

WANTED, an assistant watchmaker, one who can do plain engraving and clock work; a good chance for advancement; state age, experience and salary wanted. W. M. McNeal, Atlanta, Ga.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

COMPETENT WATCHMAKER, engraver and optician, near New York City; can make $20 weekly; references; position open Sept. 15. Inquire Lissauer & Co., 12 Maiden Lane, New York.

WANTED, young man, good on clocks and jewelry repairing, as assistant watchmaker; near New York City; send reference and state wages. "Experience, 7395," care Jewelers' Circular-Weekly.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver, for an up-to-date retail jewelry store; good salary; permanent position; send small sample of engraving and references; state salary wanted. Otto Jarck, Easton, Pa.

WANTED, AT ONCE, competent optician and salesman; one who can do engraving preferred; liberal salary and permanent position to the right man. W. F. Fischer & Bro. Co., Chattanooga, Tenn.

ENGRAVER, first class letter and monogram engraver on gold and silver work in our New York factory; good wages and steady work throughout year; nine-hour day. Wendell & Co., 105 William St., New York.

WANTED, by a wholesale gold and plated jewelry house, a man capable of managing the business; must be thoroughly posted; good salary to right party. Address "H., 7427," care Jewelers' Circular-Weekly.

WANTED, salesman, one who is capable to take in and deliver watch repair work, etc., making himself generally useful; a good all around man for the front of the store. Address "C. F., 7569," care Jewelers' Circular-Weekly.

AT ONCE, good watchmaker and jeweler, one capable of waiting on trade preferred; steady position to right man; salary, $15 per week; send references and give full particulars in first letter. "Box 267," Kingfisher, Okla.

WANTED, a young man with some experience to assist in watch work; must also have some knowledge of jewelry repairing and engraving; permanent and promising situation for an energetic young man. H. H. Bolen, Staunton, Va.

WANTED, competent young man as jeweler, engraver and salesman; one who can make himself generally useful about the store; good, steady position; must furnish only A1 references. S. W. Tasch, Jeweler and Optician, Danbury, Conn.

(*Special Notices continued on page 96.*)

Special Notices.

(Continued from page 95.)

HELP WANTED.—Continued.

FIRST CLASS watchmaker, jeweler and engraver; some clock work; all around man; permanent position; pleasant surroundings; to take charge of repair department; want rapid workman; write for particulars; position immediately; pay $25. J. C. Robinson, Chester, S. C.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, AT ONCE, an experienced engraver and salesman, must be good on monogram work; would prefer a man competent to repair jewelry; salary, $22 per week; permanent position to a good man; send sample of engraving and references in first letter. Ignatius Fried, Jeweler and Diamond Expert, Mobile, Ala.

WANTED, watchmaker and jeweler for the shop only; small town; receipts of shop about $75 per month; state age, experience and reference in first letter, and wages wanted, with boarding, lodging and washing; difficult work, cylinder watch case engraving and rings for stones, etc., sent out. F. C. Rivoire, Napoleonville, La.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

WATCHMAKER, at once, capable of taking complete charge of department; none but high grade men need apply; $20 to $25 salary; reference; permanent position. Wm. H. Broer, 427 Summit St., Toledo, O.

WANTED, a first class salesman and manager of sterling silver department; a high class man, thoroughly conversant with the silver business; apply by letter, giving full information and experience. Mermod, Jaccard & King Co., St. Louis, Mo.

A1, PRACTICAL watchmaker, one who engraves preferred; must be good workman, good appearance and capable of waiting on trade; give references, state wages and ability in first letter; good position and wages to right man; jeweler who can do clock work, must be good repair man and stone setter; engraver preferred; wages, ability and reference must accompany first letter. Wm. J. Kappeler, 314 S. Main St., Akron, O.

Business Opportunities.

WANTED TO PURCHASE, retail jewelry store; live New England city preferred; state full particulars. "P., 7538," care Jewelers' Circular-Weekly.

FOR SALE, small stock of jewelry and fixtures in Mt. Vernon, Ia., at a bargain; snap for some young man. "Snap, 7412," care Jewelers' Circular-Weekly.

FIRST CLASS JEWELER wishes a good salesman or stone setter to go into partnership; must have $500; best references. "Partner, 7479," care Jewelers' Circular-Weekly.

A BARGAIN, up-to-date jewelry store; owner will retire from business; it is a snap; $3,500 cash; has cleared over $3,000 per year for four years. Inquire Mrs. C. H. Rakeman, Sapulpa, I. T.

FOR SALE, stock of jewelry, etc., at Water Valley, Miss.; $5,000 cash or one-half cash and balance on secured notes; death of owner cause for selling. Address Mrs. A. K. Jobe, Executrix, Jackson, Tenn.

CASH FOR WATCHES and diamonds; send them at once and get your money by return mail. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

JEWELRY STORE, established in New York in a central location, for sale; with or without stock; splendid opportunity for a practical man with a small capital; principals only. Address "A., 7242," care Jewelers' Circular-Weekly.

ONLY JEWELER in hustling town of 2,100; must retire because of failing health; location northeastern Missouri; two railroads with watch inspection; about $1,750 will purchase; low rent; fine chance if taken at once; nearest competition nine miles. Address "T., 7480," care Jewelers' Circular-Weekly.

FOR SALE, jewelry business in Jersey town of 7,000; yearly receipts, $5,000; good repair trade; business has increased $400 in the past eight months; stock and fixtures invoice $2,000; sale price, $1,500; receipts for the next four months will be over $2,100. Address "D., 7487," care Jewelers' Circular-Weekly.

FOR SALE, watchmaking establishment; the only jewelry store in town of 5,000 population, near Newark, N. J.; cheap rent; stock and fixtures amounting to about $1,000; can reduce stock; will sell cheap if sold at once; repair work, $100 per month; chance for watchmaker. Address "Snap, 7510," care Jewelers' Circular-Weekly.

FOR SALE, successful jewelry business and location in healthful Virginia town, to party who will simply purchase the up-to-date fixtures, material and some of the bulkier stock, to invoice about $1,100, by Oct. 15; whole business invoices $2,500; good reason; write at once. "Opportunity, 7542," care Jewelers' Circular-Weekly.

THE owner of one of Michigan's representative jewelry houses has decided to retire, and offers at a bargain his fine fixtures, carefully selected stock, lease and entire business, with the good will of an established patronage of over $22,000 annually; very profitable, with light competition and low expenses; optical department alone showing a net profit of about $1,500 a year; a wealthy city, the county seat of fine farming country; the division point, with car shops of a great railroad system, of which this store has the time inspection; can be reduced to about $10,000. A. G. Bedford, Ionia, Mich.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

AT 60c. on the dollar; $20,000 worth of high grade jewelry, cut glass and fine imported bric-a-brac, have been placed in my hands to turn into cash, at once; I would like to place this stock with some good retail jeweler in a city of 50,000 or over, and combine with him a large auction sale, which I will personally conduct on a share of the profits or commission, giving you all profits on these goods, consigned at such a low price; I guarantee 25% to 40% profits; I guarantee not a single piece of goods will be misrepresented; I guarantee to make you $1,000 to $5,000 clear profits in such a deal; I guarantee to leave you with a better class of customers than you ever had before this sale, as all will get bargains; be quick or you will lose the deal. Address Dan I. Murray, America's Leading Jewelry Auctioneer and Broker, 3 Maiden Lane, New York; 151 Wabash Ave., Chicago, Ill.; 512 Race St., Cincinnati, O.

For Sale.

FRANCIS No. 3 engraving machine, monogram, three sets of type and all attachments; used one year and in perfect condition; cost $150; F. O. B. cars for $90. R. C. Anderson, Woodstock, Va.

REAL AMBER, at less than it costs in Europe; I bought a large job at 40c. per string and up; fine cut amber hearts, 70c. each; fine cut amber hat-pins, $1.40 up; also in this job is a lot of 20-year gold filled watches and cluster diamond goods at great discounts; sent on memo. bill to well rated dealers. Address the Man for Bargains, Dan I. Murray, Importer and Broker, 3 Maiden Lane, New York; or, 151 Wabash Ave., Chicago, Ill.

Miscellaneous.

TWO artistic jewelers wish to take in work for jobbers and dealers on hollow and platinum bracelets, from 10 to 25 millimeters wide. "Artistic, 7551," care Jewelers' Circular-Weekly.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, light office for salesroom to manufacturer or jobbing jeweler. Call or address "W. H. H.," Room 44, 7 Maiden Lane, New York.

PART OF OFFICE to let; fine light, for watchmaker, engraver or diamond dealer; moderate rent. L. Leighton, 106-108 Fulton St., New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

WATCHMAKER; good opportunity for first class watchmaker to secure bench room, including established trade of high grade work. Address "Howard, 7472," care Jewelers' Circular-Weekly.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7564," care Jewelers' Circular-Weekly.

DESK ROOM to let, also two light offices with use of safe and telephone service; stenographer in office; office always open from 8.30 to 5.30 to receive messages and callers. "A., 7470," care Jewelers' Circular-Weekly.

TO LET, for watchmaker, part of exceptionally desirable office; can secure trade sufficient to keep him busy; excellent opportunity; 32d St., bet. Broadway and Fifth Ave., New York. Address "A., 7573," care Jewelers' Circular-Weekly.

WILL RENT, to desirable party, desk room with office privileges in light and attractive office; suitable for manufacturer's representative; 32d St., bet. Broadway and Fifth Ave., New York. Address "B., 7572," care Jewelers' Circular-Weekly.

Side Lines Wanted.

COMMISSION HOUSE, calling on jobbing trade from Denver to the Coast, also Texas, would like to hear from manufacturers of gold and filled jewelry. Answer "Denver, 7546," care Jewelers' Circular-Weekly.

TWO competent salesmen, well acquainted with retail trade on Pacific Coast, would like to hear from manufacturers of cut glass, hollow ware, flat ware and jewelry, regarding representation in above territory. Answer "Box 7545," care Jewelers' Circular-Weekly.

Wanted to Purchase.

WANTED, second hand trial case and Sams blow pipe outfit; must be in good shape. V. J. Yoder, Jeweler, Topeka, Ind.

WANTED, engraving block, Lancaster style preferred; must be in good condition and cheap. Collette, 287 W. 127th St., New York.

Lost.

LOST, in Maiden Lane, New York, Sept. 4, a neck chain of rustic gold and round amethyst; the finder will be liberally rewarded by returning same to Rees & Yankauer, 71 Nassau St., New York.

TO LET.

Three Desirable Light Lofts

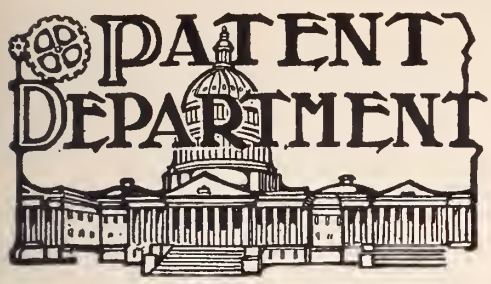
At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

FOR SALE

New Century Typewriters, No. 6, in first-class condition; will be sold at low price by

JEWELERS' CIRCULAR-WEEKLY,
11 John Street, New York.



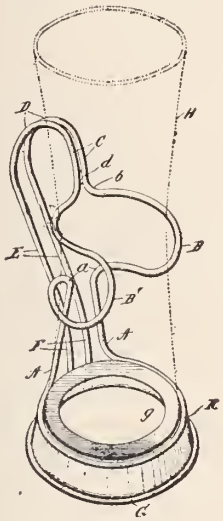
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF SEPT. 4, 1906.

829,950. GLASS-HOLDER. JOHN F. CONLIN, Chelsea, Mass., assignor to the American Soda Fountain Co., Boston, Mass. Filed Jan. 19, 1906. Serial No. 296,886.

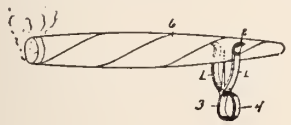
In a glass-holder, a base; a handle, clip and standard composed of resilient wire jointed to the base at the lower end of the handle portion, thence extending upward, inward and downward to form said handle portion, thence outward, downward and inward in opposite directions from the handle



portion to form two branches of a laterally-opening glass-holding clip, thence downward from said clip portion to the base, to form a standard, the said wire secured to the base at the lower ends of said standard portion.

830,061. CIGAR-HOLDER. JOSEPH GAUNTLETT, Ann Arbor, Mich. Filed Feb. 13, 1905. Serial No. 245,389.

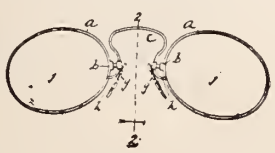
A cigar-holder, comprising a curved, resilient



jaw, a rigid impaling-pin standing adjacent to said jaw and joined thereto at the base thereof, and a stem integral with the jaw and pin carrying said parts.

830,120. NOSE-GUARD FOR EYEGLASSES. ALBERT M. WARD, Detroit, Mich. Filed Dec. 30, 1904. Serial No. 239,011.

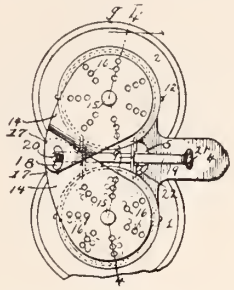
A nose-guard for eyeglasses constructed of an integral piece of metal comprising a vertical at-



taching-shank, a brace-arm projecting laterally from the attaching-shank toward the adjacent eyeglass, a carrying-arm projecting downward and inward from the attaching-shank on a curved outline, and branch arms supported upon and projecting from one edge of the carrying-arm, each of said branch arms provided with a bearing-surface.

830,142. CONDIMENT-HOLDER. WILLIAM EBBING, San Francisco, Cal. Filed March 27, 1906. Serial No. 308,305.

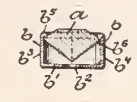
The combination with a condiment-holder comprising independent condiment-receptacles and



perforated covers therefor, of movable cut-offs carried by said covers and a spring-held lever having connection with said cut-offs and adapted to impart simultaneous movement thereto.

830,179. JEWEL-SETTING. LOUIS E. SADLER, Attleboro, Mass., assignor to the F. H. Sadler Co., Attleboro, Mass. Filed Nov. 7, 1905. Serial No. 286,175.

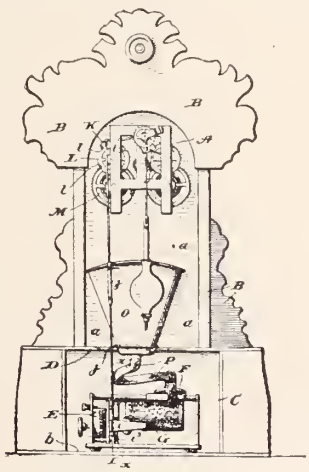
A cup-shaped setting having a plurality of spring side members which when closed form the wall



and means on the spring members for holding a stone or jewel in the setting.

830,200. TALKING-CLOCK. CHARLES C. BISHOP, St. Louis, Mo., assignor of one-third to William L. Ryan, St. Louis, Mo. Filed March 18, 1905. Serial No. 250,831.

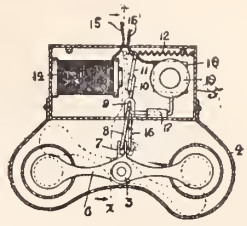
In combination with a clock, a talking-machine and controlling mechanism between the clock and the talking-machine including a brake for the



talking-machine, a notched controller-wheel, a detent therefor, and a single means for forcing the detent into engagement with one of the notches of the controller-wheel and for applying the brake.

830,217. ELECTRICALLY-CONTROLLED OPTICAL APPLIANCE. JOHN C. FREDELL, Pocatello, Idaho. Filed Aug. 25, 1905. Serial No. 275,789.

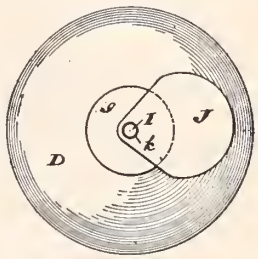
In an electrical optical appliance of the class described, a lens-tube, a shutter for controlling the opening through the lens-tube, means for opening the shutter, means operating automatically to engage the shutter-opening, means for locking the shutter in open position for a predetermined period, means operating upon said automatic locking, means for releasing the shutter-opening, means



at the end of said period, and means for closing the shutter.

830,346. APPARATUS FOR GRINDING BOTH FIELDS OF BIFOCAL LENSES SIMULTANEOUSLY. BENJAMIN MAYER, Baltimore, Md. Filed Nov. 18, 1905. Serial No. 287,930.

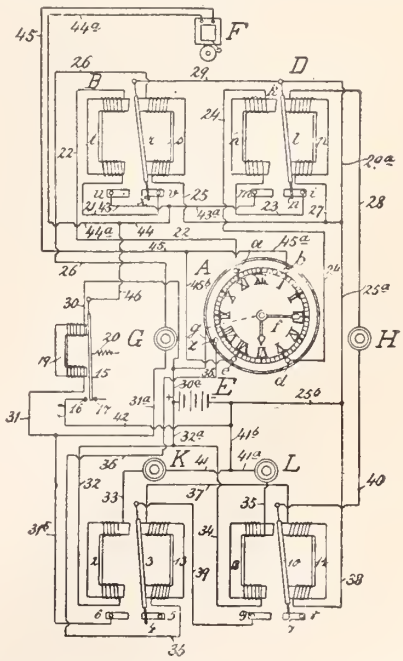
A revoluble grinding-disk having two distinct circular grinding-surfaces—one concentric with respect to the other; a stud projecting at the cen-



ter; and a lens-holder retained in place by connection with said center stud and overlapping both of said two grinding-surfaces, whereby a solid or single glass may have two lenses of different foci ground simultaneously.

830,364. WATCHMAN'S ELECTRIC TIME-CONTROLLER. PEDRO REITZ, Munich, Germany. Filed March 6, 1905. Serial No. 248,561.

The combination, with an electrically-actuated alarm device, an alarm-circuit in which the same is included, and means for energizing said circuit,

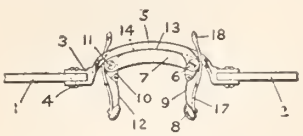


of an electromagnetic switch arranged to close said alarm-circuit at one point, a clock arranged to actuate said switch to close the alarm-circuit at said point and thereafter to close the alarm-circuit at another point and thereby ring the alarm, and manually-actuated means for moving said switch to open the alarm-circuit.

830,405. EYEGLASSES. ROBERT S. BLAIR, New York. Filed Nov. 11, 1905. Serial No. 286,817.

In a device of the class described, in com-

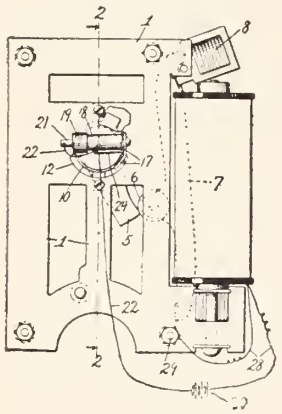
bination, a pair of glasses, a pair of members adapted to engage opposite sides of the nose and hold said glasses in operative relation to the eyes,



and means connecting said glasses and said members adapted upon one of said glasses swinging away from the corresponding eye to tend to press the opposite member more firmly against the nose.

830,473. ELECTRICAL-WOUND CLOCK. PERCY L. CLARK, Bristol, Conn., assignor, by mesne assignments, to the National Self-Winding Clock Co., Champaign, Ill. Filed Oct. 13, 1902. Renewed Jan. 8, 1906. Serial No. 295,117.

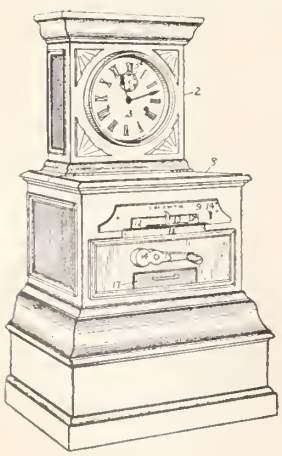
In an electrical-wound mechanism in combination with a shaft, a motor; an electromagnet and its armature; an element actuated by the armature when the magnet is energized; mechanical means by which such actuation sets the motor



for operating said shaft comprising an element which has a back-and-forth rocking movement about such shaft, performed respectively in the winding and running actions; a liquid-contact chamber in the magnet-energizing circuit carried by said element in its rocking movement and thereby rocked about the axis of said movement, its position with respect to said axis being such that it is tilted to circuit-closing position by the running action and to circuit-breaking position by the winding action.

830,486. AUTOMATIC TIME-RECORDER. HARRY B. PALMER, New York. Filed Nov. 3, 1904. Serial No. 231,196.

In an automatic time-recorder, the combination with a blank-carrier, of means co-operative with



said blank-carrier for forming in a blank feed-indicators corresponding to different days of the week and for also forming in said blank out of alignment with said first feed-indicators other feed-indicators corresponding to different periods of each day and controlling feed movements of said blank.

DESIGNS.

38,218. BADGE. CALDER S. SHERWOOD, JR., Portsmouth, Va. Filed May 21, 1906. Serial



No. 318,111. Term of patent 3½ years.

38,219. EMBLEM. FREDERICK W. POLLOCK, Seattle, Wash., assignor of one-half to Calvin J. Pollock, Seattle, Wash. Filed July



30, 1906. Serial No. 328,479. Term of patent 3½ years.

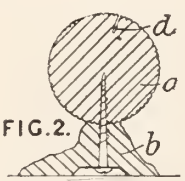
BRITISH PATENTS.

(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF AUG. 22, 1906

8,441. CARD, ETC., HOLDERS. J. B. HILLIARD, Glasgow. April 20.

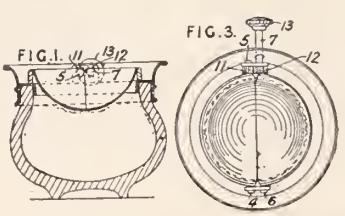
Stands, Card, etc.—A stand for a menu card, photo, or the like, consists of a golf ball *a*, or an imitation of earthen ware, glass, or other material attached by a screw, pin, or the like to



a pedestal *b* shaped and colored to represent a sand tee. The pedestal may be of earthen ware, metal, wood, or other material, and may be weighted. The ball has a cross-cut *d* to take the card, or small holders may be fitted to the ball.

8,463. ASHTRAYS, BOXES, ETC.; SUGAR BASINS, ETC. S. J. DAVIS, Birmingham. April 20.

Relates to dished covers for ashtrays, biscuit boxes, sugar basins, and like receptacles, which are



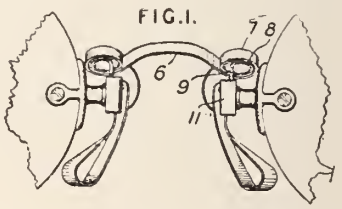
made in halves and pivoted so that they may be opened to allow cigar ash, etc., to fall into the receptacle beneath. The pivots 4, 5, and 6, 7, of the two halves of the cover are geared together by pinions 11, 12, and one of them is extended and provided with a milled head 13, on rotation of which the two halves of the cover are simultaneously turned upwards about their pivots and the material in the cover is deposited in the receptacle. The provisional specification states that levers, links, etc., may be used instead of spur gearing. Specifications No. 14,541, A.D. 1885, No. 6761, A.D. 1886, and No. 4848, A.D. 1898, are referred to.

8,477. ORNAMENTING GLASS AND POTTERY. P. J. HANDEL, Meriden, Conn., U. S. April 20. (Date applied for under Patents Act, 1901, May 25, 1904.)

A thin coating of vitrifiable paint is first applied, and, upon this becoming hard, a coating of glue, etc., is applied. The article is then baked at a moderate temperature, which causes the glue to crack off, carrying with it part of the underlying paint together with flakes of glass, etc. The surface acquires a tint from the paint, but this may be removed, if desired, with hydrofluoric acid.

8,478. EYEGLASSES. W. H. ELY, Middletown, Conn., U. S. April 20.

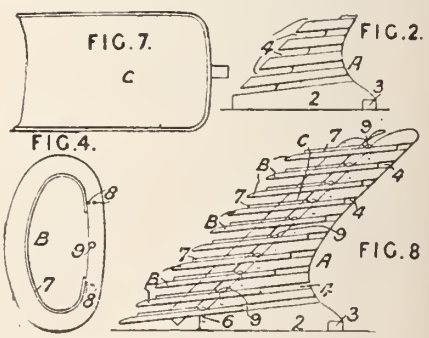
An eyeglass bridge, having the spring of the arch low, so as to conform closely to the nose, is



formed of a strip of metal, flat or oval in section, having an arch 6 with coils 7 at the ends. Each coil has an inner coiled part 8 from which extends a stud end 9 tortionally twisted and bent, to adapt it to engage a horizontal or vertical opening in the part 11.
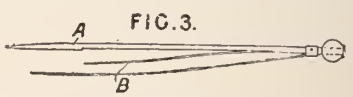
8,560. DISPLAYING NECKLACES, ETC. J. B. CHAUMET, Paris. April 20.

A stand for showing necklaces or collars of jewels consists of a sloping pedestal A upon which are arranged annular trays B adapted to receive the necklaces, etc. The oval or elliptical trays B have a flange 7 and pins 8 for holding the necklace, and are secured in the grooves 4, which are preferably inclined, by pins or screws 9 dropped



into slots 6, Fig. 8. When the trays B are in place, a plate C, Fig. 7, is inserted at the back of the central space, formed by the trays, to hide the back of the stand. The base 2 of the pedestal may have a cross-bar 3 to give it stability. The trays may be uniform, as shown, or may vary in size. For instance, they may be progressively larger from top to bottom. Two supports may be combined.

8,920. HAT-PINS. E. W. BEECH, Peterborough, Northamptonshire. April 27.

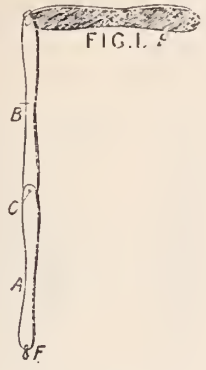


Hat-pins A are formed with one or more shorter auxiliary members B of springy material.

8,880. EYE SHADES. G. HEDDEN, London. April 27.

A protector and shade for the eyes consists of a shield E hinged to a folding handle A, B. The parts A, B of the handle may be pivoted at C and fitted with a washer or other device so as to

leave a space between them for the reception of the shield E when folded up. A fastening-device F secures the device from opening, and serves as an attachment for a cord or chain. The handle may fold into more than two parts, or may telescope,



and the shield may be arranged to fold into two or more parts. Various means for attaching the shield to the handle and methods of construction of the shield are described.

Complete specifications accepted Aug. 15, 1906.

1905.

16,241. FIELD GLASSES. Barton.

16,367. METHOD OF DRIVING CLOCKS. Reffitt.

18,561. SCARF-PIN. Blanckensee.

1906.

10,282. COMB. Craven.
Applications filed Aug. 7 to Aug. 11, 1906.

17,717. KNIFE HANDLE. Robert O'Brien, Whiteinch, Glasgow.

17,723. MATCH BOX. M. R. Ellis, London.

17,809. FOUNTAIN PEN. Richard Timm, London. Complete specification.

17,874. FASTENING FOR WRISTLET WATCHES. Otto Fulda, London.

17,882. MATCH STAND. George Worner, Berlin, Germany.

17,916. TIMEPIECE. F. L. Y. Tavira, London. Complete specification.

17,962. COMB. Charles Schmid and J. C. Hoffmann, Manchester. Complete specification.

17,968. CASE FOR HAT-PINS. George Lewis, Birmingham. Complete specification.

18,047. CUFF-BUTTONS. Robert Scholl, Berlin, Germany. Complete specification.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Sept. 3, 1889.

410,173. WATCH-PIVOT. C. E. Montfort, Utica, Mich.

410,233. EYEGLASSES. J. S. Borsch, Philadelphia, Pa.

410,234. SPECTACLE-CASE. W. W. Brilhart, Indiana, Pa.

410,273. UMBRELLA. E. B. Gaze, London, Eng.

410,280. DIES FOR FORMING FLAT OR HOLLOW WARE. A. E. Hobson, Hartford, Conn., assignor of one-half to I. J. Steane & Co., same place.

410,327. WATCH-BARREL. C. H. Meylan, New York, assignor to Mathey Bros., Mathez & Co., same place.

410,370. WATCH MOVEMENT BOX. G. A. & A. C. Moeckel, Allegheny, assignor of one-half to A. H. Heisey, Pittsburg, Pa.

410,476. COMBINED CRUMB-BRUSH AND SCRAPER. Bridget M. Woodard, Manchester, N. H.
Design issued Aug. 30, 1892, *for* 14 *years.*

21,813. WATCH CASE. J. C. Dueber, Canton, O.

J. M. Gardner, Montclair, N. J., is no longer engaged in business at that place.

Popular Talk on Law.

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CONTRACTS.

6. CONTRACTS BY MAIL, TELEGRAPH AND TELEPHONE (CONTINUED).

(Continued from issue of Aug. 8.)

A PERSON making an offer may require that the acceptance shall be made in a particular manner; in such a case an acceptance in any other manner will not constitute a contract.

Example: A in Detroit wires B in New York that he will sell him 500 dozen eggs at eight cents a dozen, and adds, "Wire acceptance." On receipt of the offer B writes and mails a letter of acceptance. On the following morning, before the letter of acceptance is received by A, A sells the eggs to another customer. B is without recourse. An acceptance wired, however, in case the offerer had said "Mail acceptance" would probably be sufficient.

A person making an offer may require that the acceptance be communicated to him, and in such case an acceptance not communiated, although actually sent, will not fulfill the requirements of a contract.

In Massachusetts the law is contrary to the generally accepted law as laid down in this article. There, it appears, the receipt of the acceptance is always deemed necessary to the completion of the contract.

A person may not make an offer and stipulate "If I do not hear from you I will consider this offer as accepted," and bind the person to whom he has made the offer by that person's mere silence. Mere silence in the law is not consent, generally speaking, though there are instances where this common saw, "Silence gives consent," is true in the law.

An answer giving the price of an article in response to an inquiry as to its price is not necessarily a proposal or an offer to sell it to the particular person inquiring the price.

Example: B in New York writes A in Detroit asking the price of 500 dozen eggs. A writes "eight cents a dozen." B responds "I will take them." A contract is not thereby completed. A's statement of price does not necessarily mean that he will sell them to the person inquiring.

Most, if not all, the rules relating to contracts by letters are equally applicable to contracts made by use of telegraph.

Where one party makes an offer by telegram which is accepted by the other party by telegram, the contract is as valid as though it had been made by letters through the mails, or even directly by the parties in person. The contract is completed by telegraph when the acceptance is written and handed to the telegraph company, or its agent, for transmission.

If the offer is communicated by mail and the acceptance is communicated by telegraph, when is the contract complete? The doctrine of agency, to which we have referred, and by which the offerer makes the post his agent, and by reason of which the delivery of the acceptance to the post is the affirming of a contract, would not seem to apply here, as the making of the offer by mail cannot make the telegraph company an agent of the offerer. If the offer is made by post and the acceptance is made by telegraph, the telegraph company is really the agent of the acceptor, and therefore the notice of acceptance in the case of a telegraphic message in reply to a letter must be delivered to the offerer or to his duly authorized agent before the contract is complete and binding.

Where an offer is made by telegraph it is best to accept it by telegraph, as the handing of the message of acceptance to the telegraph company for transmission completes the contract, the telegraph being the implied agent of the offerer. By mailing a letter accepting an offer made by telegraph one is liable to be defeated in his acceptance by receiving a retraction of the offer before the acceptance reaches the offerer. The postoffice in that case cannot be considered as the agent of the offerer, he having chosen the telegraph as the means of communication.

Persons using the telegraph as a mode of communication are not responsible for, nor bound by, the errors of the operators in transmitting messages.

Example: B in New York telegraphed A in Detroit asking on what terms he would sell him 100 dozen eggs. A answered stating his terms. B telegraphed, "Send 100 dozen." The operator sent it, "Send 500 dozen." A sent 500 dozen eggs. B refused to accept more than 100 dozen, on the ground that his telegram as he had written it specified 100. B could be compelled to take but 100 dozen eggs.

Inasmuch as communications by telephone are personal, although the parties are out of sight of each other, the ordinary rules of personal communication apply. The only question that arises is the question of fact as to whether the person to whom or by whom the offer was communicated was the principal, or the principal's duly authorized agent. This, of course, is difficult to prove ofttimes, but where the contract is in dispute it is necessary to do so.

Conversations through the telephone are admissible in evidence.

No decisions have yet been made as to contracts made through the phonograph. It will have to be decided hereafter as to the status of the parties in the case of a message talked into a phonograph and afterwards delivered by sending the cylinder to the person to whom the offer is made.

The parties may by express agreement provide that the contract will not be binding until the acceptance has been received by the offerer, and business men will do well in making offers by mail or telegraph to provide that the offer shall not be binding until the acceptance is received.

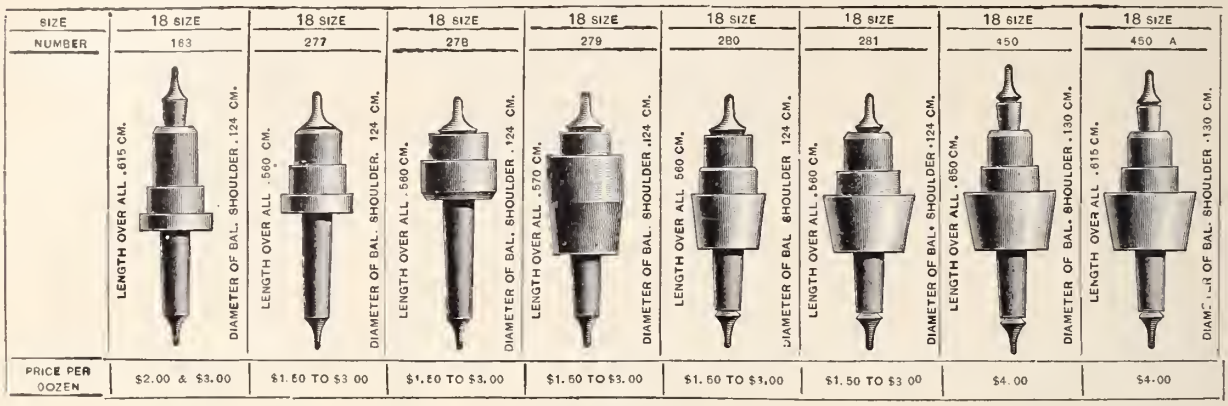
(To be continued.)

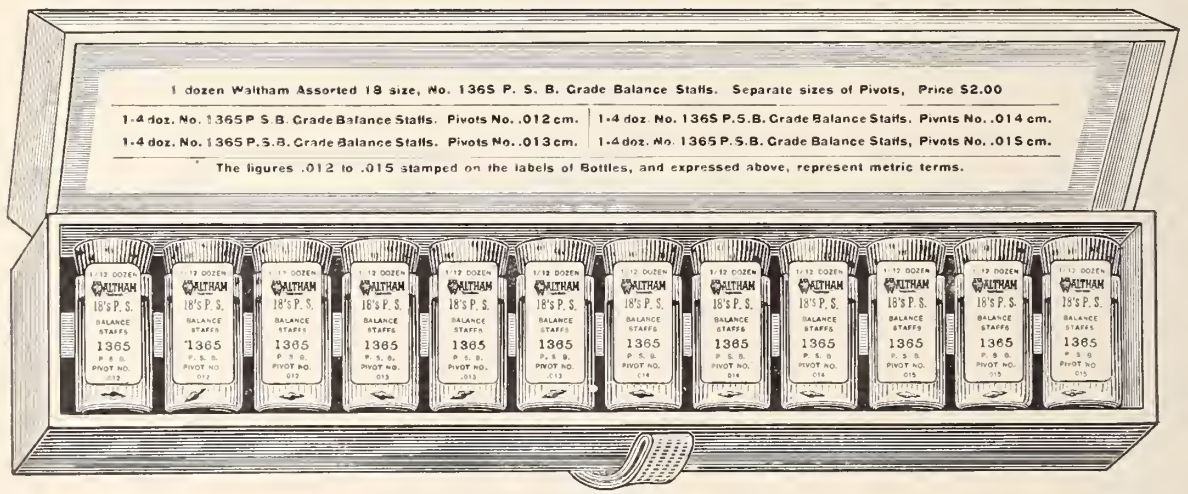
The store of R. W. Rastall, Traverse City, Mich., was entered by burglars, about a week ago, when a large amount of silverware and several fountain pens were stolen.

R. C. Duerre, a well-known watchmaker, for many years with Chas. Waldin, Burlington, Ia., died at the hospital for the insane at Mount Pleasant, Ia., a short time ago. The deceased was born in London, Eng., June 11, 1857, and learned the watchmaking trade in that country and in Switzerland. Mr. Duerre was a skilled horologist, having made several ingeniously constructed timepieces.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD PATENTED, JUNE 5TH, 1894.

INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade,	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.



Watch Repairing.

By H. Reinecke..

(Continued from issue of Aug. 22.)

THE proper use of the depthing tool for examination and adjusting of depths requires a full knowledge of the science of forming epicycloidal curves on the teeth of wheels in relation to their high or low number and their diameter and proper gearing in different pinions. This knowledge requires a patient study and practical mechanical knowledge combined with a proper schooling in certain branches of mathematics. It is not necessary that a watch repairer should possess all these qualifications, a general understanding of their leading principles in the practice of this knowledge being sufficient for his requirements. From the latter standpoint the subject is here treated. For the formation of epicycloidal teeth in watch work, which is of small size, segments of circles may be employed.

Such teeth may be formed in two ways: For wheels with a low number of teeth gearing in low numbered pinions part of a circle may be drawn, inclosing two teeth, and one space between it, as shown in Fig. 1, having its center between the extreme points of these two teeth and some distance inside of the pitch line located by estimation. For wheels containing a large number of teeth, part of such circle may be drawn as shown in Fig. 2, inclosing three teeth and two spaces between the extreme points of the outer two teeth and some distance inside of the pitch line, also according to estimation. The more or less correct form of such epicycloidal teeth may be verified where a wheel is geared with a suitable pinion and placed in the depthing tool, to which pinion is attached a crude finger or hand, pointing to a small index, which is fastened to a runner of the depthing tool, in the female center of which the point of the pinion is revolving. This index will indicate the forward motion of the pinion actuated by an epicycloidal curve of a tooth of the wheel.

When we draw two circles, a large one and a smaller one, the first representing a wheel and the second a pinion, and these two circles being nearly in contact, a straight line drawn from the center of the one to center of the other is termed a line of centers. The action of a wheel driving a pinion, coming in contact with a leaf of such a pinion on this line, begins on a line of centers. If such action of the wheel begins before the line of centers, a depth is said to have engaging friction. Such action cannot be prevented in depthings, where the pinion is either too large or in depthing, where low numbered pinions, having from six to 10 leaves, are used. In depthing with pinions of 12 or more leaves there is no friction if such pinions are of the proper form and size and the depthing is set correctly.

Pinions are divided into leaves and spaces—a pinion of six leaves and six intervening spaces. The sides of either of these are formed by radial lines. To reduce the engaging friction of depthings with low numbered pinions, the leaves are made very thin and the spaces wide, generally in pro-

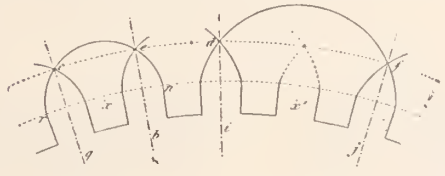


Fig. 1. Fig. 2.

portion of the former to the latter as 1 to 2. For the more exact proportions empirical rules are laid down.

In the old English verge watches, where most of the pinions were low numbered, these leaves and spaces were not formed of radial lines, but the spaces were cut with straight square-edged cutters, which made the leaves very thin at their roots and left the opposite port very thick. With such pinions, when properly finished, the engaging friction had been reduced to a minimum and their action, when geared with the wheels, was very smooth and effective. With the assistance of the fusee some of these old verge watches acted as excellent timekeepers. It is claimed by some that these English pinions owed their superior property to hand finish and were called by some bay-leaf pinions, by others barley-corn pinions.

As a general thing we attach to the word pinion the meaning of a small steel wheel which is driven by a brass wheel with a higher number of brass teeth. Such pinions are generally finished beyond their pitch line with a semi-circle. But small steel wheels are also employed sometimes as drivers in stem-winding mechanism and motion works. Among the latter we may mention the cannon or minute pinion and the pinion riveted in the minute wheel, which gears in the hour wheel. When such small steel wheels are used as drivers we finish their teeth with epicycloids, for which purpose special cutters are used. A useful method of giving the diameters of pinions by calipers is laid down by Berthoud and Jurgensen in the following table, based on the number of teeth and spaces of wheels:

For 16 leaves, six full teeth, measuring the distance between the two external faces.

For 15 leaves, rather less than six teeth or five teeth and just beyond the point of the sixth.

For 14 leaves, six teeth, measuring at the points; for a clock, five full teeth.

For 12 leaves, five teeth, measuring at the points; for a clock, five full teeth.

For 10 leaves, four full teeth, measuring at the sides; for a clock, four square teeth.

For eight leaves, four teeth, measured at the points, minus a quarter of a space.

For seven leaves, rather less than three full teeth; for a clock, three full teeth plus a quarter of a space.

For six leaves, three teeth, measured at the points or rather more; for a clock, three full teeth.

When the pinions drive the wheels they should be somewhat larger, on account of the ogive of the epicycloid.

(To be continued.)

Metallic Clock Cords.

[Translated expressly for The Jewelers' Circular-Weekly from the French of Leopold Reverchon, in *Le Moniteur de la Bijouterie et de l'Horlogerie.*]

FOR some years the use of hemp cords has been discontinued for striking clocks. The metallic cord, which is said to offer a much greater resistance to traction, during an equal section, has completely dethroned the vegetable cord of our ancestors, as the steel chain in watches has superseded the catgut used on the old fusee.

One might suppose from my having employed the dubious expression "is said," that I propose to rebel against mechanical laws. Far from my mind is so bold a thought, although at this time my Lady Mechanism, who seems securely enthroned on an unshakable basis, is passing through "a bad quarter of an hour," several of her great principles having been assailed by renowned *savants* on the charge of error or incapacity. Nevertheless, I doubt if they will succeed in reversing our ideas so far as to make us admit that the wire or galvanized steel cord may not support, for a given section, a weight decidedly heavier than the best hemp cord of the same diameter.

My doubt does not apply to practice,



Time
O my friend
is money!

—BULWER-LYTTON.

And in this money making age there is an enormous and increasing demand for accurate timekeepers. This means that time is money for the dealer who carries a stock of

ELGIN Watches

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

ELGIN NATIONAL WATCH COMPANY

Factories, ELGIN, Illinois, U. S. A.
General Offices, 131 Wabash Ave., Chicago.

NEW YORK OFFICE, 11 John Street.
SAN FRANCISCO OFFICE, 206 Kearny St.



which differs greatly from theory, as is easily proven.

When one tries the resistance of a cord, one attaches it firmly by one of its ends, and suspends at the other weights, more and more heavy up to the breaking point. With a clock it is different. The cord is fastened to a point as securely as possible and the other end is loaded with a weight; but, instead of being drawn directly by this weight, it is done tangentially on the surface of the winding cylinder, upon which it generally makes several successive coils.

Under these conditions the effects of the weight are much more complicated than they seem to be at the first impression.

There is first the elementary traction of which we have just spoken. Next there is the "grinding" of the twists, and the crushing pressure of the oils on the cylinder. which is all the more energetic as the weight is heavier. There are clocks that carry more than 500 kilos!

Again there is the "slipping" of the spiral coils one against the other—a slipping which is the result of the nature of the rolling itself. The circumference of the cylinder has an appreciable length, which the weight describes at the bottom, a very noticeable length of going and coming, whose amplitude is in proportion to the length of the cylinder when left free. If, as is generally the case, one forces the weight to descend rigorously in the vertical direction, either by means of guides or by that of pulleys, instead of carrying it on a plane tangent to the winding cylinder, it is evident that the effect of the slipping will be even more pronounced.

Then comes the "twisting" (*torsion*). Its effects are sometimes very important. First, the cord is composed of a sub-division of twisted pieces. Then it is rolled up on reels by the workman. It is unrolled by the clockmaker, who takes the lengths necessary for each of his clocks. The same clockmaker rolls up the cuttings that he has just taken, to transport them to the work in hand. These cuttings are unrolled by the workman, who attaches one of their ends to the cylinder of the clock. There is no small probability that on this cylinder the cord will unroll itself quite differently from what it was on the reel of delivery, and this difference of rolling in itself is sufficient to change its resistance.

The weight, if it is completely free, and not twisted by the interference of pulleys, will act in lengthening and twisting the pieces which are not and cannot be guided. For the guided cord would be irregular in such section, without having more freedom, but rather the reverse.

If the weight is carried over pulleys it is another story. There is no deterioration; but the cord, passing a number of times over the pulleys, now in one direction and now in another, causes all the drawbacks of which we have spoken to be multiplied. All these interferences are increased in the opposite direction during winding.

This is not all. Let it not be forgotten that the cord is constantly subject to repeated shocks. Yes, shocks! How would a weight of 100 kilos act, for instance, when attached to a cord striking the quarters? It remains motionless during nearly the whole day. But 76 times per day the striking of the quarters gives it the liberty of a few seconds—time to shake while the hammers strike two, four, six or eight blows. And what a shaking it is! A perfect torture for the cord. A question of weight, as in the terrible Middle Ages.

Imagine this poor cord as having life. The unhappy thing, hanging by its head with its 100 kilos, has passed a quarter of an hour of peace—a relative peace indeed, in such a situation. Now it trembles. The repose is over. A few minutes after, in the midst of the noise of the striking, a terrific jarring disturbs it. It is as if one had lightly lifted the 100 kilos to let things go suddenly. You can judge the effect.

This takes place 96 times a day, which, at the end of the year, gives the pleasant total of 35,040—and 35,136 in a leap year.

Thus worked, tortured, knocked, rung. how can it be possible for the unfortunate metallic cord to accomplish long years of service, and even be guaranteed by the clockmaker? He can only deliver it as he received it, and he is often unaware of what it has to go through, not to mention the injuries which may be inflicted on it by a negligent or careless winder.

Let us suppose that the worthy man winds up the weight mechanically, without counting the turns or looking at the mark. He passes the limit of his cord, which, passing over the throat of the pulley, falls rudely on the latter's *axis*. An accident of this kind is generally followed by the final catastrophe—the overthrow of the weight with its accompaniment of material wreck, and sometimes of accidents more or less grave to imprudent or other persons.

Not always is it so. But even when this extremity is avoided one may rest assured that the cord, subjected to so many natural and physical causes of deterioration, will only remain sound for a comparatively short time. Therefore, one is deceived greatly when one appreciates the value of a cord simply by taking into account its normal probability of breakage, and in remaining largely inside of the limit fixed by this probability.

And this brings us to our starting point: Our reserve on the superiority of the iron or steel cord in the domain of mechanical horology. This cord permits having less bulky cylinders than the old hemp cables required; but the latter, with a suppleness much greater than iron or steel, must have been less sensitive to the different effects which we have just analyzed, to which breakage must be added. And this indeed lies more hidden than the others to a mind not open to its constant possibility.

This suppleness of the old hemp cord may explain the remark which we have heard many times: "Sir, we had an old hemp cord which lasted 15 years. We replaced it with a metallic one which broke at the end of three years. You have fooled us in making us do away with our old cord." If the customer only knew that the defects were due not to the cord, but to the way in which it was used, he would reserve his criticism, and content himself with profiting by experience in avoiding the fall of the weights, which is always possible.

But what shall we say of the enlightened public administrations, like that of the city of Paris, which require clockmakers—who wind their clocks at ridiculous prices—to replace broken cords gratuitously, and to repair the damage caused by the fall of weights? Do they not evince intelligence and good faith?

Variation in Marine Chronometers.

A VERY common error in the public mind, which should be corrected, is that a chronometer does not vary. Never has such perfection been attained. When a navigator is thoroughly familiar with his instruments and is about to embark on a long voyage, he can only have comparative confidence in his timepieces. If the daily rate indicated at the outset remained the same for six months or more, it would be perfection not yet realized. For him this is the problem: What is the modification to be allowed for the daily rate?

The captains of steamers have means of correction on landing, and frequently verify the rate of their chronometers. The captains of sailing vessels do not enjoy the same facilities; their voyages will often last for 100 or 150 days without landing, and when they touch at a port there is not an observatory or always a capable watchmaker for verifying the rate. It is necessary to keep this contingency in view and to make use on sailing vessels only of instruments of the highest character, if the maximum of security is to be realized. To attempt to save a few francs is a serious fault, especially in view of the value of sailing vessels constructed in recent years.

The competition instituted by the hydrographic service of the French Marine secures a safe guarantee for companies in selecting their chronometers. In consequence of the two competitions which have taken place—one from Sept. 1 to Feb. 1, the other from Jan. 1 to June 1, a period of five months for each—certificates of rate and the official classification can be procured. The government purchases very few—too few; consequently there is an opportunity to procure chronometers classed among the first 10—that is, instruments faultless in their bulletin and acting perfectly at sea. The price is a little higher than the chronometers in the trade, but their precision is much greater for voyages of long duration. Some of the ship owners have tried the experiment and congratulate themselves on the result.—*From the French of Louis Leroy.*

The store of Pasquale D'Augusta, Newark, N. J., was entered early one morning recently, and the police were notified just in time to prevent the intruders from making away with a quantity of jewelry which they placed under their hats. The men were arrested and are said be very well known to the police.

Maj. Wm. Boyd Coughtry, a noted customs lawyer well known in the jewelry trade, who had been counsel for Tiffany & Co. and other large firms for many years, died suddenly at Mount Pocono, Pa., recently. Mr. Coughtry was born in Albany and was for 25 years a member of the Seventh Regt. He leaves a widow, son and daughter.

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An Old Clock of Surpassing Interest.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the *Uhrmacher Zeitung.*)

THE Municipal Museum of Antiquities at Geneva possesses a number of very interesting old specimens of the horological art, among which the one described herewith is particularly noteworthy. Fig. 1 gives a good general view of this magnificent table clock. It measures 193x154 centimeters, and was constructed at the be-



FIG. 1.

ginning of the eighteenth century by a Geneva clockmaker, M. Menet, who appears to have been a clever engraver at the same time.

We give below a description of the clock as it appears on the records of the Museum, according to the *Journal Suisse d'Horlogerie*:

"Round astronomical clock, in gilt and silvered copper case, resting upon three feet. The exterior is embellished at the



FIG. 2.

upper and lower edge with artistically embossed reliefs, consisting of one row each of conventionalized palmetto leaves. The work is complicated, and has seconds hand, perpetual calendar hand, moon phases, etc. In the center is a pierced and repoussé cartouch in silver, bearing the engraved inscription: 'M. Menet a inventé et fait la présente pièce, année 1712 et 1713, à Genève.'

Figs. 2 and 3 show the dial and the plate.

As can be seen from Fig. 2, the dial exhibits a division into twice 12 hours—that is to say, the hour hand whose head bears the image of a sun requires one day for a revolution. The point of the hand shows the day of the month on a ring which is compelled to turn without it. There are further to be seen the minute hand, known by the lily, and the second hand.

The dial center—that is, the interior of the date ring—consists of a movable disk, upon the edge of which the 29 moon days are engraved, and having an aperture under which a stationary moon disk is visible. This enables the reading off of the moon's phases.

On the outer rim of the dial will be found two concentric circles, the inner one divided into 366, the outer one into 360 degrees. A movable indicator, on the right at foot of the picture, shows the number of days which have elapsed since the beginning of the year, as well as the current month.

The different months, with their number of days, are separated by the 12 signs of the zodiac. The name of the day appears in a slot at the head of the dial, and nearby will be observed the square for the determination of the day and for the arrest of the movable pointer. The release of the



FIG. 3.

monthly and moon dates is effected by means of pins located at the rim of the mechanism. The calendar, with its pointer, is of simple construction, but not really perpetual. The escapement is, of course, governed by a 'scape-wheel.

The details of the exterior decoration are of exceeding interest. G. Hantz, director of the Geneva Museum of Decorative Arts, has this to say with regard thereto:

"The decoration of the clock is the more remarkable, since it was executed by Master M. Menet himself. As a matter of fact, he called himself 'horologer-graveur,' two branches which are now absolutely separate, but were at that time combined in the same artist, in consequence of the rules and regulations of the guilds and master craftsmen corporations.

"A watchmaker of that period was usually required in order to obtain the pass as a journeyman and later as a master to construct a clock of good time-keeping qualities from the rough brass plate to the very last screw, and submit it in a case of his own make."

The case is repoussé, in silvered copper. The acanthus leaves are cast from models finished with file and graver, and affixed with pins after gilding. Between the ornaments are peepholes, covered with glass, permitting a close observation of the mechanism.

The bridge and cock are beautifully sawed out (Fig. 3), the design being exceedingly tasteful and elegant.

A Notable Collection of Watches.

A RATHER unique display of antique watches is being made by C. C. Wiley, 3602 Forbes St., Pittsburg, Pa. Timepieces are being shown said to have been made as early as 1750. The collection, about 30 in number, is owned by H. M. Crosby, formerly of Baltimore, and loaned to Mr. Wiley for display purposes. They are attracting much attention, especially among the watchmakers of Pittsburg. One is labeled "the mysterious watch," which has open face on both sides. The movement is regulated by works concealed in the rim, time being denoted by the movement of the glass encasement. Mr Crosby also carries a watch which belonged to the original J. B. Crosby collection. It is a D case silver "perpetuali," patented by Loehn, Aug. 7, 1870. It is a pedometer and watch combined. It registers distance walked, and is wound by the action of the pedometer.

Among others in his collection are the following: Gold, open face, musical repeater, about 100 years old, but spoiled as a specimen by changing the original dial worth but a trifle more than the gold; David Plumb, London, made 1760 to 1770, good condition; silver open face calendar "Breguet," a genuine specimen, made about 1800; Witter, London, made 1760 to 1780 for the Dutch market; Nicolet, in Geneva, supposed to be made about 1800 to 1810, one of the best specimens in the lot, but the owner is unable to find exact date of the work; Lundstet, Stockholm, going, barrel cylinder, over 100 years old, rare and valuable; open face alarm, about 75 years old and a good specimen; fine gilt repoussé, made 1750 to 1760; Benjamin Lockwood, made 1773, in good condition and fine specimen; open face calendar, made about 1800, no identification marks; movement of John E. Hyde's Sons, German silver, double time watch; open face brass watch, 1975 on dial; "pendule" watch ordinary double open face, Thomas Whitt, London, German make; Charles Manley, Liverpool, made in 1819; open face calendar, made about 1800, fair specimen, universal time and calendar, nothing known about it; Favis Curee, open face, calendar, made before 1800, no record of maker, but a good specimen; Vaucher calendar, made about 1842; silver open face, fancy gold figures, made about 125 years ago.

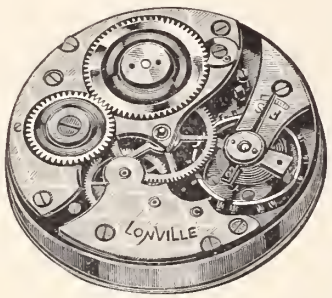
This watch is said to have undoubtedly had a figure concealed under the dial at one time. There are other specimens in the collection, but those mentioned are the most noteworthy. Mr. Crosby, who has spent many years in making the collection, is a member of a family of watchmakers.

The new store of L. Perelman, Perth Amboy, N. J., was formally opened to the public about a week ago. The decorations attracted considerable attention.

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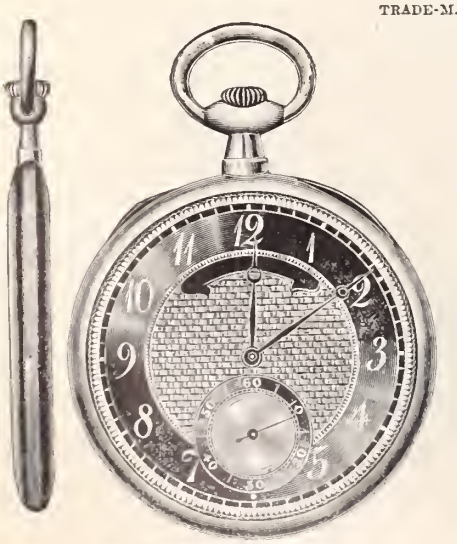
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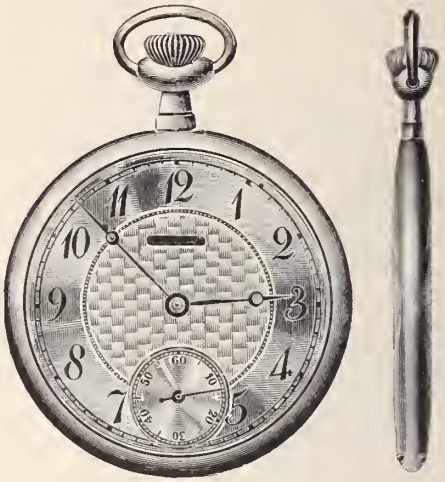
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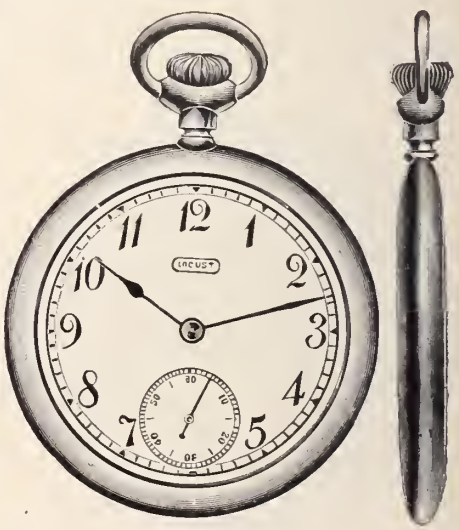
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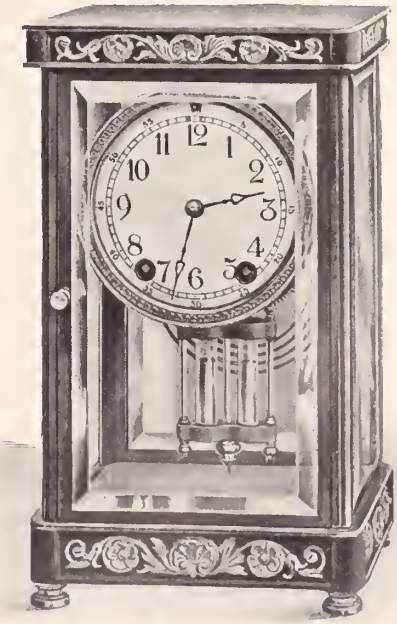
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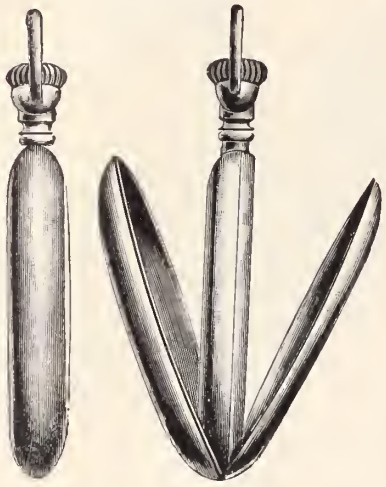
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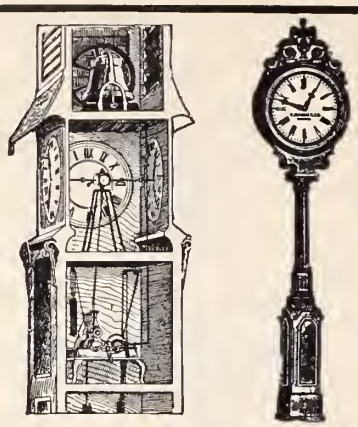
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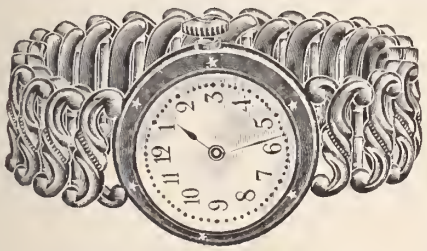
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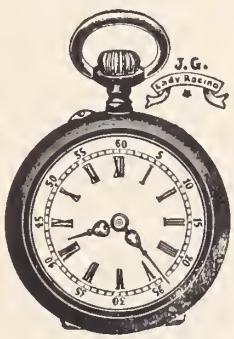
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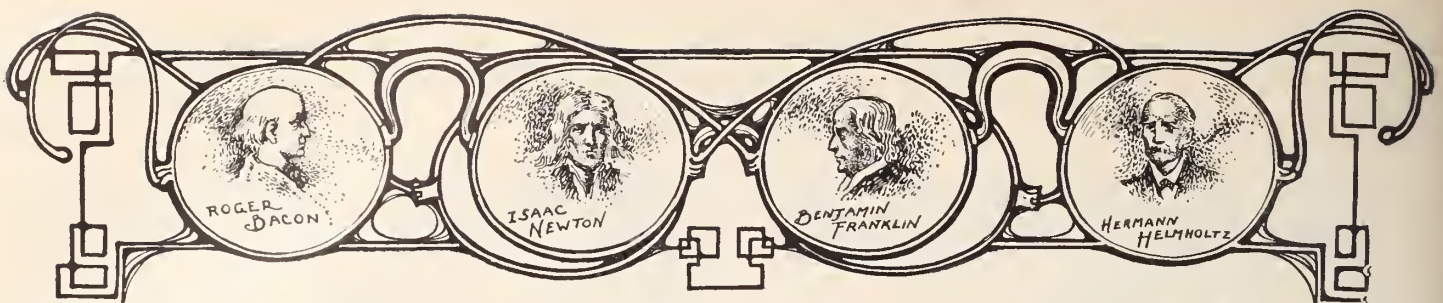
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OPTICAL DEPARTMENT

Reasons But No Remedies.

By Gustavus Kahn.

An esteemed correspondent from the south recently submitted to me reports of a few unsatisfactory cases he had met with during the last three months; my opinion was sought as to the cause of his failure in finding the lenses that would give the desired results and remedies asked for.

As Mr. L., the above-mentioned correspondent, is an accomplished and expert optometrist, in the fullest sense of the term, experienced in both subjective and objective methods of diagnosing errors of refraction, I deemed it worth while to make public the particulars of his cases, as well as my opinions in regard to them; and, while opinions may differ, it would be interesting to hear from others.

Case No. 1—An elderly gentleman, exact age given as 67 years; contractor and builder, for several years retired from active business. Vision, O.D. $\frac{20}{60}$ with + 3.00 sph. $\bigcirc$ + 2.00 cyl. ax. 90 = $\frac{20}{30}$. O.S. $\frac{20}{60}$ with + 3.00 sph. $\bigcirc$ + 2.00 cyl. ax. 90 = $\frac{20}{30}$. With + correction O.U. vision = $\frac{20}{25}$ and at times almost $\frac{20}{20}$.

The above was found to be the correction according to repeated tests; and, as regards vision and comfort, cannot be improved, but at times there is a slight blurring of the left eye alone for distance. Furthermore, no matter what test is employed, there is at certain intervals what seems to be a periodic shifting of the axis, in the left eye, to the extent of 10° or 15°. This shifting of axis is from the vertical toward the nose, and occurs when the distant objects become blurred. No such shifting takes place in the right eye. No further complications are traceable. The muscles are apparently in perfect balance. The blurring of left eye never occurred at a reading distance.

To my mind, the cause of the occasional blurring in the left eye and the shifting of the axis is that the astigmatic meridian is undoubtedly not vertical, but lies, in reality, at least 15° toward the nose, and in order to avoid the slight distortion of objects when viewed binocularly, the patient has cultivated the habit of rotating left eye slightly toward the temporal side in order to bring the astigmatic meridian vertical. This habit is so marked that only at times does the eye force itself into its true position, at which times can be noticed the shifting and the consequent blurring of vision of the left eye for distance. For reading the habit is too strong to relax at all, and thus the blurring is never noticed at near work.

My experience warrants my saying that at patient's age the trouble cannot be remedied, and the best thing to do is to place the axis of cylinder vertical. To place it elsewhere will undoubtedly prove a failure.

Case No. 2.—The question is asked as to whether or not I believe that headache is really caused by uncorrected errors of refraction and muscular unbalances. For instance, a young unmarried lady, 27 years old, not very strong, complains of headache after prolonged reading, with or without glasses. Thorough diagnosis of the case in regard to eye muscles, accommodation, converging power, duction of each set of extrinsic muscles, shows as follows: O.D. vision $\frac{20}{40}$ with + 1.75 sph. $\bigcirc$ + .75 cyl. ax. 70° = $\frac{20}{20}$. O.S. vision $\frac{20}{30}$ with + 200 sph. $\bigcirc$ + 75 cyl. ax. 120° = $\frac{20}{20}$.

Accommodation, with distance glasses, 8.50 dioptries. Muscular balance perfect, near and distance. After failure of first glasses, a prolonged course of atropin treatment was administered, but only a + .75 sph. more was developed, and this could not be worn for distance, and even with full correction the same headaches accompanied continued reading.

My idea is that eye headache, which is undoubtedly evident in this case, is not always due to refractive error. In most cases there are other causes, such as catarrh of the nose, dyspepsia, flatulency and constipation, etc. Even in these complicated cases glasses may help for a time, but in reality the above case is not in the province of the optometrist. I would advise sending such to the oculist, although I believe that even the oculist will not help such a case, for I have sent many cases like this to oculists of known standing and seldom has any benefit been derived—that is, no greater benefit than could have been accomplished by an experienced optometrist. As a general rule, the oculists' skill is unduly overestimated by most people, so when you find a case like the above where the trouble is of a purely refractive nature, yet where glasses do not help or eliminate the eye-headache, it is safe to assume neither other glasses nor oculists' treatment will cure it.

Case No. 3 was a lady, 54 years of age; fully corrected for compound hyperopic astigmatism, near and distance, the glasses being comfortable and the vision normal. She complains, however, of requiring an excessively strong artificial illumination for reading, and, on the whole, sees best by daylight, and by facing the window and not having the light fall from behind upon the book. With distance glasses she sees perfectly in daylight, but not half so well evenings. The moon appears double—that is, when looking at the full moon she sees a large blurred image and a smaller, clearer, brighter image in its center. Correspondent has tried all reasonable combinations of lenses, but with no success in fusing the two images.

The case, I think, is one of unequal refraction of the center of the pupil—that is, a small central area has a smaller error than the surrounding area; the difference being large enough to cause monocular diplopia, when the pupil is dilated as it is, naturally, in moonlight. In daytime the pupil is so contracted as to cover the outside error entirely, thus eliminating its effect. You may prove this by holding a candle in front of patient's eye while she looks at the moon; the candle will cause the pupils to contract and double image should not be seen until the candle is removed, when the outside blurred image will gradually return. The unequal refraction may have existed from infancy, but the double image could appear only after a loss of a certain amount of accommodation. There is no known remedy for this error, so you can do nothing.

Trade or Profession.

In the numerous discussions that have ensued regarding the optometrist's work, the point as to whether it is a trade or profession has often been on top. President Faunce, of Brown University, recently made some remarks that are apropos.

"Trade is occupation for livelihood; profession is occupation for the service of the world. Trade is occupation for joy of the result; profession is occupation for joy in the process. Trade is occupation where anybody may enter; profession is occupation where only those who are prepared may enter. Trade is occupation taken up temporarily, until something better offers; profession is occupation with which one is identified for life. Trade makes one the rival of every other trader; profession makes one the co-operator with all his colleagues. Trade knows only the ethics of success; profession is bound by lasting ties of sacred honor."

It is pleasing and encouraging to note that the real optometrist possesses nearly all the above requirements; the only one that he lacks is wherein he allows any one to enter, and when he obtains optometrical legislation he will be a full-fledged professional man, according to President Faunce's definition. D. R. A.

Hale & Co., Bluffton, Ind., have been succeeded by E. B. Edmonds.

Optical Department.

Prisms and Their Uses.

(Paper read by Albert W. Kludt before the Michigan Society of Optometrists.)

THE subject of prisms and their uses seems to be a very much discussed problem at the present time, and in all probabilities it will be several years before anything like perfection in this branch of the science will be reached.

Our best authorities differ in opinion so much in this respect that a practitioner who is really interested in his profession to the extent that he studies every work and treatise that he can get, expecting to get a better and clearer understanding of the subject, is actually more at sea when it comes to prescribing prisms than the fellow who reads nothing and combines a prism with every pair of lenses he puts up. The latter has the advantage of, at least, having confidence in his work which he in turn imparts to his patient, and the results (although chiefly psychological) are often more satisfactory than those of the conscientious refractionist who really has the welfare of his patients at heart, and who is anxious to get the best possible results from his efforts, but is so unsettled on this prism proposition that he changes his theory every time he reads an article on the treatment of muscular insufficiency that sounds more logical than the method which he has adopted.

That a good percentage of asthenopia is caused by a disturbed relationship between accommodation and convergence, cannot be denied, and that a harmonious relationship between the two can be established by the correction or partial correction of the refractive error only is in many instances also an undisputed fact, but the great difference of opinion is in proceeding with the numerous patients that are not relieved by this treatment. The practices of prescribing weak prisms in position of rest (bases over the weak muscle), in cases of heterophoria (although quite satisfactory in many cases), is fast being replaced by the much discussed exercise system, developed by Dr. Savage, who condemns the theory of prescription prisms altogether and says prisms and decentered lenses in position of rest make the weak muscle weaker and the strong muscle stronger, and should never be resorted to except in the rare cases of decentration of the maculae. In all other cases the development of the weak muscle by graduated rhythmic exercise is the proper thing to be done. He says further, any one of the recti and either of the obliques—weaker than its opposing muscle—the difference in corresponding strength not being too great, can be developed by this exercise into a state that will enable it to work harmoniously with its fellow.

In direct opposition to this we find the work of Dr. Roosa. He says it is doubtful if exercise of the ocular muscles has any curative value, although much was expected of it at one time. In the work of Schmidt-Rimpler the system is not only mentioned as being of doubtful value, but it is said that no improvement is to be expected, as a general thing, from exercise of the interni. Over-exertion that is apt to occur may result on the contrary in a serious impairment of their power.

Dr. De Schwemitz upholds the theory of Dr. Savage to a certain extent, and speaks of exercise with prisms base out being followed by most satisfactory results in exophoria. He says that in esophoria and hyperphoria it is of little use, but recommends that it be faithfully tried. He also doubts the value of constant prisms and believes that they ultimately increase the deviation which they are designed to correct. This is also the opinion of Duane, who says that the recognition and correction of vertical deviations are very necessary features in the treatment of muscular troubles, but his experience with prism exercise in these cases has not led him to expect much. Gould says: "In healthy individuals even past middle life we may expect the best results, in cases of insufficiency of the deduction, by systematic exercise, and to prescribe constant prisms in such cases without a prolonged trial of the exercise is certainly unwarrantable and bad practice. If, however, the patient is weak and debilitated, relief can only be obtained by the use of correcting prisms."

As the most radical statement of all, I will quote again from Dr. Roosa where he says: "I spent much time in making Graefe's and other tests as to the power of the externi and interni especially, and I have abandoned them entirely, and I advise every practitioner to do the same. Weak prisms are but a placebo, strong ones are unbearable and of more than doubtful value."

Is it to be wondered at that the average refractionist is so unsettled on this prism question when men who have spent their lives in study and research along these lines, express opinions so vastly different? Yet we are called upon every day to meet these conditions and must have some system through which we at least expect to get good results. The following are ideas gathered from different sources that have proven quite satisfactory in my practice, and they are submitted to you without any claim to originality whatever.

That accommodation and convergence are intimately linked, and that one can be used only within certain limits without using the other, can be proven by a very simple experiment with concave lenses.

Place before the eyes of a young person with active accommodations all the minus he can possibly overcome while looking at a distant chart (thus holding back convergence, while accommodation is exerted) and when the limit has been reached, add prisms base out, allowing convergence to act also, and you will find that he will accept considerable more minus with ease, showing that nature intended that when we accommodate, we should also converge, and when we converge we should also accommodate. Any departure from normal refraction disturbs this harmonious action and ocular distress is apt to result. Now then, when we find a moderate degree of esophoria in a hyperope, we have every reason to believe that the esophoria, or at least part of it, is false. The excessive strain on the accommodation causing extra innervation to convergence and the correction of the hyperopia alone, is usually sufficient to restore a perfect muscular balance.

If we find this hyperope to have exophoria and we correct the hyperopia, we have stopped the excessive supply of nerve force to the ciliary, but we have also deprived the abductors of the stimulus they are so badly in need of. Weaker interni increased exophoria and serious asthenopia are the result. We have really aggravated the trouble rather than relieved it. A far better way in my mind to proceed in a case of this kind is only partially (if at all) to correct the hyperopia until we have developed the interni with graduated rhythmic exercise and have established a better muscle balance.

If, however, prism exercise fails to bring this about, weak prisms in position of rest is our only recourse.

In myopia we have the opposite condition. It is usually accompanied by exophoria. There being no necessity for accommodation, the interni are deprived of their stimulus. When we correct the myopia, we innervate the abductors, and the exophoria usually disappears; if not, prism exercise is the next step, and if that fails, weak prisms base in, for constant wear, would be my method. Esophoria is rarely ever found with myopia and seldom causes asthenopia. Prism exercise is about the only treatment, but the abductors are not so ready to respond to this as are the interni. A prolonged system of this exercise is required to bring about any result.

In mixed muscular defects, as hyperphoria with esophoria or exophoria, a correction of the vertical insufficiency by constant prisms and development of the weak lateral muscles by rhythmic exercise I have found quite satisfactory. We ofttimes find weak adduction in persons who show no exophoria (especially presbyopes). Here prism exercise does good work if the patient has the average amount of vitality, but if not, prisms base in combined with the reading correction is a good prescription, and can be successfully used in many cases of presbyopia.

If advancing age causes diminishing elasticity of the lens and loss of accommodating power and senile conditions take place elsewhere in the body, why should we expect the abductors to remain strong enough to carry on the function of convergence without assistance. We are always ready to help the weak ciliary with artificial accommodation when a presbyope complains of distressing symptoms. I wonder how many of us stop to think that possibly the abduction might be at fault and that a little artificial convergence might be a good thing; if so, adding more plus would certainly aggravate the case because we are piling still more work on the weak interni by shortening the reading distance. Prisms base-in are the remedy, but prisms base-out are what two-thirds of the presbyopes are wearing to-day, the prism being produced by careless frame-fitting. To prescribe prisms in this manner is a crime.

Geo. W. Zink, Roswell, N. Mex., returned home recently from a pleasure trip to Wisconsin.

STORE KEEPING DEPARTMENT.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

One of the Attractive Retail Jewelry Establishments of Chicago.

THE store of the Bauman Jewelry Co., 74-76 Madison St., Chicago, is illustrated below. The establishment is attractively fitted up with mahogany wall and show cases, the office fixtures being of the same kind of wood. The store is 20 feet wide and 40 feet long. The ceiling is 15 feet high. The floor is made of mosaic tiling. A number of plate glass mirrors, which are judiciously arranged throughout the store, add considerably to the attractiveness of the interior.

The entrance is situated between two well-lighted plate glass show windows, eight by 10 feet. A private diamond office and watchmaking department are on either side of the entrance, just inside the doorway. A cashier's balcony is erected at the rear of the store. The stock is well displayed in gracefully shaped show cases.



INTERIOR VIEW OF THE STORE OF THE BAUMAN JEWELRY CO., CHICAGO.

A Novel Advertising Card.

THE card illustrated herewith, used by A. De Witt Parmenter, Norway, Me., is one that will not be thrown away without receiving a certain amount of attention, and consequently is an effective vehicle for any kind of advertising, but particularly optical advertising. It is called an "X-Ray Card," and, as explained in the directions, in order to see the bones of the fingers, the lead in a pencil, etc., hold the card near the eye and the fingers or any other object you wish to scrutinize, toward the sky or a strong light, about 15 inches from the card, looking at the object through the diaphragm. One is warned not to touch the film. The result upon looking through the aperture bears a very marked resemblance to the effect produced by the famous Crooke's tube, the illusion being accomplished by a number of fibers of an ordinary feather.



CARD PRODUCING AN "X-RAY" EFFECT.

The illusion is based upon the principle involved in the diffraction grating. A diffraction grating breaks up white light, as does a prism, producing a spectrum. If you look at an electric light through the film you will see four lights, partly overlapping. This overlapping accounts for the phenomenon; the images lying partly on each other cause the central area to appear darker, while the edges are thinner and lighter. It is the overlapping area that gives the appearance of the bone, while looking at a finger. The spectrum colors are also plainly visible when looking at a bright light, showing what part diffraction plays in the illusory effects.

Shire & Fithian, Harris Flat, Ky., have just completed extensive improvements in the interior and exterior of their store. The entrance has an Italian marble base, new clamp glass front with a glass arch with sliding doors rolling on ball bearing pivots.

Storekeeping Department.

How the Jeweler Can Meet the Competition of the Mail-Order House.

(Continued from issue of Aug. 22.)

THE mail-order house may have a big catalogue, a big office force to write letters, a fine system of keeping in touch with its customers, etc., but every retailer in the country can have all the advantages enjoyed by the catalogue-house except the catalogue. If he will try to overbalance that important requisite, he can talk to his customers, and that should be his best point.

Retailers cannot, of course, go out and call on all the people living in their section of the country; but they can bring these people to their store by the right kind of advertising. Here is where most retailers lose their advantage. They either do not advertise in the right way to bring the people in, or they do not try to get personally acquainted with them after they do come in.

Few merchants seem to realize the great advantage of personal acquaintance. It cannot be overestimated. If you are in a position to shake the hand of your customer and call him by name, you have an advantage that cannot be gained through all the catalogues in the world. The only way to get this acquaintance is to make the advances yourself. Your customers will hardly ever introduce themselves without your showing an interest in them. Once you show this interest and they feel that you are a friend, there will have to be a mighty good reason for them to trade elsewhere before you lose their business.

As an example of what personal acquaintance will do: Several years ago the writer was visiting relatives living near Fort Scott, Kans. My uncle wished to get a suit of clothes, and we went to town for that purpose. We first went to the clothier from whom he had bought clothes for years, in spite of the fact that past purchases had not given satisfaction, for the reason that his stock was not generally of the most satisfactory kind. He could find nothing that exactly suited, but came near buying before going out, because he said he had known the man for years. We finally went to another store, and found exactly what he wanted. Some alterations were necessary, but after they were all made, and my uncle was thoroughly pleased, we started down the street with the bundle. He then remembered the clothier with whom he was acquainted, and wanted to walk three blocks around rather than to pass the store and thus show that he had spent his money elsewhere.

This is the feeling which is worth much money to the merchant, and is caused by an occasional shake of the hand and a few pleasant words. In this instance the merchant had abused the friendship, but still the feeling was found deep in the nature of my uncle that he was not treating the old merchant right by buying of some one else. He dreaded to have him see that he had not been loyal to the old friendship, regardless of the conditions which prevented him from doing so.

It is hard to tear this kind of customer away from a merchant who has good goods, at the right values, and he can always be sure of getting the first chance at his money. Personal friendship is a great factor in business, and should be diligently cultivated by retailers, as it is a cure for the mail-order habit.

I might add that the last time I paid a visit to this uncle he had on a rather ill-fitting suit, and when asked where he bought it, I found that he had gone back to the old friend for his next clothing, regardless of the lack of satisfaction on previous occasions.

How many retailers who are complaining about the number of orders their neighbors are sending to the mail-order houses have tried to discover the reason and overcome it?

It may be a hard pill to swallow, but in many instances the fault lies with the retailer. In the first place, too many men are engaged in the retail business who do not care to take the trouble to learn their business properly. They depend upon their location, the well-advertised brands handled, or something besides themselves. They overlook the fact that it is the expert in every line who is entitled to, and generally gets, the best that his line can offer. There is a good reason for this. Your customer is seldom a good judge of the goods you have to sell, and if you have the reputation of being an exceptionally good judge it is natural that your expert knowledge should draw to you a large amount of trade.

The mail-order house has experts, of course; but, as a general rule, their best experts are those engaged in writing advertisements and dictating their letters. In buying, they generally try to get an article which looks the same as a well-known standard, and then buy as much cheaper as possible; then, of course, the manufacturer cheapens the goods. The fact that your prices are seldom beat except where unknown brands are offered should be used by the expert salesman to show that good goods cost good money, and that the cheapening of the price always means a corresponding cheapening of the quality.

If you are an expert in your line, and are recognized as such, you will have little difficulty in convincing your neighbors of the above fact; but if you do not take interest enough in your own line of goods to give it the right amount of study you are, of course, merely a silent salesman, the same as a penny-in-the-slot machine, and cannot be expected to have thoughts which will interest your customers in your goods, and keep them coming back to your place to learn more.

Of course, a dealer who has no desire for more knowledge in regard to his own business cannot be expected to realize that thousands of his neighbors are always thirsting for knowledge, and it is that very thing which causes them to preserve the catalogue of the mail-order house. They want to know the price of everything, not only in your line but in all other lines. The catalogue lets them know how much money they will need to buy whatever they desire, and if you happen to be a retailer who cares so little about his own business that you neglect to keep yourself posted your neighbor will know that there is no use going to you for information, and he will depend upon the catalogue more than ever.

Retailers who are now losing trade to the mail-order houses should stop complaining and take a good, long look at themselves. It may be largely their own fault, and in that case the remedy is simple. Get to work. Try to learn your own business so thoroughly that you can answer all questions without hesitation, then you will feel like talking to everyone about your line of goods. You will know the reason for advances and declines in price, the difference in the methods and cost of manufacture, etc.; and when you can give out that kind of information you will find it to be exactly what you need—to tell the reason for the difference in the cost of goods—and people will soon be coming to you for information before buying.

Your knowledge of your own business will be a guarantee to them that they are getting what they want at the right price, no matter what the catalogues say, while your lack of knowledge at once makes the average consumer feel like taking the advice of the catalogue, because it represents a big house, which is supposed to know what it is talking about. F. A. P.

Displays in the Optical Window.

J. W. JARVIS, optical dealer at 508 Main St., Buffalo, N. Y., is anxious for the readers of THE CIRCULAR-WEEKLY to enlighten him on what he believes to be a most important matter for all opticians who maintain stores for the handling of optical goods and supplies.

Mr. Jarvis invites the readers of this journal to furnish him with ideas and suggestions on the best way to make a display in an optical store window.

"There is, in my opinion," said Mr. Jarvis, "no other business in which it is so difficult to make attractive window displays. Ever since I have been in the trade I have given this matter much thought and attention, and I find it most difficult of satisfactory solution. No doubt a majority of the dealers in optical goods throughout the country have had similar experience. I invite ideas and suggestions.

"In a display of flowers in my window I have been partially successful. I have found that displays of things outside of the optical business have been more or less successful."

Advertising Lore.

THE man who looks on the bargain counter for advertising mediums finds out when the returns don't come in that he didn't get so much of a bargain after all.

Some people select mediums much as they would wall paper—get the colored cover that suits their complexion.

It's as hard to advise some men about advertising as it is to advise a woman about the becomings of her new bonnet.

Some men's ideas of advertising are like the average gate hinge—works only one way.

The Minton Jewelry Co., formerly of El Reno, Okla., is now located at 202 W. Main St., Oklahoma City, Okla.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM
—PERFECTLY TEMPERED

Made in GERMANY — Zeuner Trade Mark No. 6 2

FILES — TRADE ONLY THE BEST ARE GOOD ENOUGH MARK — TOOLS

Such is the ZEUNER SAW.

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.

HERPERS BROS..

MAKERS OF

BRACELET SETTINGS

IN 10, 14 AND 18 KARAT GOLD AND IN PLATINUM.

ALSO A COMPLETE LINE OF GALLERIES AND FINDINGS.

GALLERIES

12 NEW PATTERNS

OFFICE AND FACTORY NEWARK, N. J., U. S. A.

NEW YORK BRANCH 41-43 MAIDEN LANE

GLARDONS' SWISS FILES

are the

HIGHEST STANDARD of Excellence.

We are Sole Agents for the United States and Canada.

F. W. Gesswein Company,

Established 1868. Incorporated 1896.

WILLIAM DIXON, PREST.

Dealers in Fine Tools and Supplies,

39 John Street, New York.

CRUCIBLES.



Jewelers' Supplies, Etc.

Established 1850.

J. & H. BERGE,

95 John Street, NEW YORK.





HOOPER,

Jewelers' Auctioneer

For the legitimate trade only. All sales conducted along modern and high-class lines. I know it would pay any legitimate jeweler thinking of having an auction sale to write me for terms and reference, which cannot be excelled by any auctioneer in the business. All correspondence held in the strictest of confidence.

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908 G Street N.W., Washington, D. C.

"PRACTICAL COURSE IN ADJUSTING."

Price, $2.50.

All Jobbers or Jewelers' Circular Publishing Co.



[*Answers are also solicited from our readers to the questions published on this page.*]

QUESTION No. 1656.—**Tier's-Argent and Mousset's Silver Alloy.**—*I would be pleased to have you give me the alloys of Tier's-Argent and Mousset's silver alloy if you can.* *T. A. M.*

ANSWER:—The alloy of Tier's-Argent consists of 33.33 parts of silver, and 66.66 parts of aluminum. This is used for various utensils, is of great hardness, and can be stamped and engraved more readily than any alloy of copper or silver. Mousset's silver alloy consists of: Copper, 59.06 parts; silver, 27.56 parts; zinc, 9.57 parts; nickel, 3.42 parts. This alloy is yellowish, with a reddish tinge, but white on the fractured surface.

QUESTION No. 1657.—**Brightening Silver Solution.**—*I want to silver plate articles so that the pieces will come out of the solution bright. I am now using a regular cyanide silver solution, which gives good results with the exception that it does not come out bright enough for buffing purposes.* *B. S. S.*

ANSWER:—Some platers are using for brightening carbon bisulphide in potassium cyanide. The amount to be used must be gauged by experiment by adding a little at a time until the result is satisfactory. Some platers use benzole in place of the above. Benzole, it is claimed, produces very good results, being a little easier to use on account of the fact that it dissolves readily and will remain in the solution without dropping to the bottom. It is essential in order to obtain bright silver deposit to have the current regulated so that it will be mild. This can only be accomplished by a slow deposit. If the pieces have been perfectly polished before the plating, the deposit will also be clearer and brighter.

QUESTION No. 1658.—**To Engrave Plated Articles.**—*I have a number of fancy plated articles which I desire to engrave with a fancy design for a manufacturer. Can you inform me of an easy method by which I can transfer such designs?* *A. E.*

ANSWER:—The following method is used often by a well-known engraver. After having engraved the first design with great care and good sharp lines, take a piece of cardboard about the thickness of a business card, moisten it slightly, place it on the design and press it with a burnisher (such as picture frame gilders use) till the design stands out in relief on the card. Blacken the parts of the design with lampblack applied with the finger or with a rolled-up buff of canton flannel. Scatter some prepared chalk on the surface where the engraving is to be made, and print the design on this spot with the blackened copy. Quite a number of copies may be printed in this manner from one print, of which duplicates can be made.

The Enameling of Jewelry.

By CECIL H. SHERMAN.

(*Copyright, 1906, by The Jewelers' Circular Publishing Co.*)

(*Continued from issue of Aug. 29.*)

TAKE the same precautions in firing the second coat as the first. Having fired the second coats of all the pieces clean the initial buttons by boiling out in pickle as before (be sure these are cool before putting into the pickle) and treat as before. Sometimes it is possible to fill in articles of this kind by giving them one heavy coat. You can tell by trying one and finishing it all the way through. But giving two coats is the surest method.

Next give the clover leaf an even coating of light green paint, and place it over or near the oven. When thoroughly dry, place it on a plate and fire as you would for a coat of enamel. Watch the clover leaf carefully because it does not take as much heat as a coat of enamel does.

When an article that has been given a coat of paint is fired it is heated until the surface (which is dull before placing in the furnace), has glazed over, and the paint is fired in. China paints can be used, either tube colors or dry colors ground in oil of lavender. Next cover the surface with a thin, even coat of very dark green paint. When dry, with an orange-wood stick, take out the veins and the places that should be light colored. Then fire again. If the effect suits retouch the article until satisfied and fire again. Now give it a thin, even coat of fondant and fire again. Next boil out in sulphuric pickle, and then polish or gild the gold parts. When the job is all finished, pins on, etc., dip it once into the white acid, rinse in clean water and stipple it with a clean wet brush. Repeat this operation and a dead-finish effect will be the result.

If the clover leaf looks spotted, it is a sign that the flux was not put on evenly. Flux for covering painted work is sometimes hard to procure, especially when the dead or mat finish is desired. Also you will run across a flux (fondant) that will answer for all purposes.

With a bowl of clean water and a coarse carborundum stone, proceed to file off the surplus enamel with the class pins. You do not have to be very particular. But with the gold-plated articles file carefully, and when you have a thin film of enamel left over the part that should come to the surface, proceed with a fine stone. If the die for this work is properly made it is possible to file plated work clean without going through even thin plate.

It is probably just as well to file all the articles with equal care.

If in filing a flat or domed surface, you begin with a free swing until some of the parts come up, you can bring the rest of them up with a scraper or the point of the stone. You will not run so many chances of stoning through or getting one part thinner than the other. Irregular surfaces should be stoned with the point or end of the stone. When they are all filed and rinsed off they should look clean on the surface. If they do not it is a sign that you did not use enough water on the stone in filing.

After rinsing dip each article in a dish of hydrofluoric acid (HF). Just a slight dip, or, better, have a hard rubber tray and lay the pieces in it. Then pour the acid over and then back into the bottle as quickly as possible. Then rinse them in clear water, brush well with a wet brush, wipe dry on a clean rag and look them all over. When they are dry you will find, if you are a beginner, that there are some lines or letters that are not clean, although when filing you were sure that they were clean. This is because, when the articles are wet, thin layers of enamel look very much the same as the bright metal to the inexperienced eye. The amount of enamel will not be as great, but you can remove it with the scraper. If, however, there are places on an article after filing that are shining or bright, it is a sign that the coats of enamel were not put on evenly, and the shining spots are places where not enough was put. These spots should be given a thin coating of enamel.

If you find pit holes (usually caused by dirt in the grinding) insert the point of the scraper. Put a little pressure on it and turn from right to left. This will open the hole to the metal. Then fill up the cavity with dry enamel. Lay the inspected and retouched articles on a plate as though they had just been given a coating of enamel and fire, turning carefully and removing each piece when glazed over. When cool, boil out in sulphuric pickle and proceed to lap them. Wash the wood wheel in clean water. Fill a bowl with a paste of pulverized pumice and water. Have your polishing head belted so that it will go about one-fourth a polishing wheel. Have the belt wide enough so that it will take a good deal of pressure to stop it. Then slap on lots of the paste and hold the enameled surface either against the side or the edge of the wheel. Watch the piece closely until (when wiped dry) a ray of light reflects evenly over the surface. That finishes the job.

Another way to enamel a clover leaf is first to give it a thin coat of fondant, or very light transparent yellow, and then shade it with different transparent greens by charging thin coats of the color desired. You can paint in the veins if the parts that are painted are afterwards covered with fondant.

It is a very good plan to try every idea that comes to you. But *never* use any method on an enamel that you have not first tried and found O. K.

[THE END.]



Marking the Hours

Clocks Uniting Beauty and Utility.
Variety of Styles and Sizes.
Adapted to Place and Use.

PRIMARILY the Clock is a necessity. Modern life requires careful observance of Time. This is true alike in the parlors of society and the marts of business. Genius and craftsmanship have lifted the Clock into the realm of things beautiful. Indeed, it is peculiarly adapted to artistic treatment. It naturally shapes itself into curves and panels which appeal to the artist.

Of course, the size, form and character of Clocks vary with the place and use for which they are designed. There are large ones for halls and imposing rooms, small ones for travelers, dainty ones for boudoirs, appropriate ones for mantel and desk. In short, there is hardly a place but has a clock to suit it. This will be apparent from an examination of the comprehensive showing of time pieces at this establishment.

FERDINAND BING & CO.'S SUCCESSORS

Special Wares
for the
Art Department
of
Jewelers.

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Place,
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The CONNOISSEUR

Devoted to Art Pottery, China, Marbles, Bronzes, Cut and Decorated Glass Ware, Bric-à-Brac, Lamps, Art Metal Wares, Fancy Goods and Kindred Lines.

Education and Its Place in the Art Industries in Germany.

[Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from *Le Moniteur de la Bijouterie et de l'Horlogerie.*]

MANY times has this journal referred to the efforts made by the Germans to develop their art industries. These efforts have never been relaxed, and the prosperity of the German jewelry trade shows sufficiently that they have not been made in vain. The following extracts are from the book which Marius Vachon published some years ago, as the result of his official mission of inquiry, and in reading them one can see that the question is of the most vital importance at present. Mr. Vachon says:

"Germany is the most formidable opponent of France in art industries. Not only does she seek to carry off from us our trade in the markets of the world, which she is invading more and more, thanks to her facilities for foreign expansion, but she has the ambition to enter into competition with us on our own ground. During the year 1898 the German importations into France exceeded by 16,000,000 francs those of the year 1897, and by 17,500,000 francs those of 1896. These differences relate principally to pottery, glass and crystal, clocks and furniture. Our exports into Germany have fallen relatively on these products. The great Parisian industry of silverware and jewelry, which would have seemed to be able to resist the most vigorously and to sustain the artistic fame of Paris, is one of the trades which has been most successfully attacked. In 1898 there were brought into France 633 kilos more than usual of German silverware and German jewelry, and we exported into Germany 700 kilos less.

"What are the causes for the development of the art industries of Germany? That genius which slowly and with marvelous science prepared the military war against France, prepared the economic war in the same manner. The preparation lasted 10 years. In 1881, at the inauguration of the Imperial Museum of Industrial Art at Berlin, the new war was officially declared, the future Emperor Frederick III. saying: 'We vanquished France in 1870 on the fields of battle, and we desire to vanquish her again on industrial and commercial territory.'

"In 1871 Germany had no army for this new war. So she created her *Kunstgewerbevereins.* She had no special instruction to form soldiers, sub-lieutenants and officers. So she created schools. She had no arsenals to arm them. So she created museums; and that all this should be done regularly, with precision, and that everything should be ready at the hour appointed, Bismarck for a time assumed the direction of the Ministry of Commerce."

The instruction is absolutely distinct from that whose aim is to form painters, sculptors and architects; it comprises 59 schools of general art and 50 schools of special art for the principal industry of a town or a region. Of these latter there are specializations of all kinds: Schools for silverware, for jewelry, for horology, for everything. All these industrial centers, large and small, are provided with establishments of artistic and technical instruction, and often of several which are continually in competition to obtain more perfect teaching, better professors, more artistic results. Thus at Pforzheim, the metropolis of jewelry, there have been created two schools for designers, apprentices and workers at this industry. In the little town of Furlwangen, situated on one of the higher ranges of the Black Forest, the center of the fabrications of clocks, orchestrions and of sculptures on rustic wood, there are four schools of art.

This conception of scholastic institutions for art industries, based on the most fully developed principle of decentralization, has been inspired by considerations at once economic and social, the idea being to disseminate instruction as far as possible in every region, and maintain, in the small communities and even in the remote country, workshops and art factories; thus assuring to those workers the benefits at least expense of premises and management, while preserving for them all the advantages of instruction and of professional education complete for artists and workmen of the locality.

The generality of the German industrial art schools are the creation of societies of artists, artisans and merchants who manage and direct them as self-supporting, even when they receive subventions from the State and the municipalities. A law of July, 1897, concerning corporations, unions of corporations and the chambers for the small industries of the empire, consecrates the principle of the utility of the direction of institutions of learning by those for whom they were founded.

Schools for workmen already entered in industries are very numerous, and are of considerable importance. At Hamburg, for instance, of the 4,799 students in the *Gewerbescule* and its nine branches, more than one-half are grown men. In a large number of institutions, as those of Carlsruhe, Cologne and Stuttgart, the rules forbid that youths should be admitted, if they have not passed at least one or two years in the work rooms as apprentices or workers. The desire is to form not amateurs, but future preceptors and directors; and in all these institutions the exclusive aim is the development of art industries.

A writer who recently visited these schools says:

"From the top to the bottom of the ladder it is a practical school that the Germans have sought to develop. General culture without immediate application should be reserved for exceptional individualities, those who aim at professorships, of transcendental studies. For the body of students it is essential to come rapidly to the point, to the specialization and the technical teaching which will give them the taste and the respects for work."

In the numerous workmen's night schools the teaching of industrial drawing is the base of the studies, and as soon as the student is able to draw a little, models which relate specially to his trade are placed in his hands. During the following years industrial drawing goes step by step with general artistic instruction, and each student receives individual training, according to his temperament, his aptitudes and, above all, in relation to his trade. As to the schools for local or regional industries, it is obvious that the instruction in them is professionally specialized.

"The result of this industrial specialization of the Schools of Art Industries, of their administration and management by the official representatives of these industries is that never does one find in Germany any of those hybrid and lying institutions of learning which poison communities: in which are made neither artists nor workmen, but only the unclassed and the ignorant. All the German schools for art industries are real schools of industrial application, the directors and professors of which occupy themselves exclusively in furnishing the factories and work shops which apply to them with the artists and art workers whom they need."

(To be continued.)

Potters' Conference at Limoges.

AN international conference of working potters was held lately at Limoges. Mr. Clowes, a sanitary presser employed by G. Howson & Sons, Ltd., Hanley, England, president of the Potters' Union, and a member of the North Staffordshire Trades Council, represented the craft of that country. Nearly every country manufacturing pottery was represented, but Mr. Clowes was the only British delegate present.—*Pottery Gazette.*

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AN ARTISTIC DISPLAY OF RICH CLOCKS.

THE dealer who visits the beautiful show rooms of Harris & Harrington, 12 Barclay St., New York, at the present time is to be pardoned if he feels like changing the old adage of "Time is money" to "Time is art," for truly an inspection of the beautiful hall and mantel clocks now shown by this firm is absolutely necessary in order to fully appreciate the great advances in the perfection along artistic lines that has been made in the manufacture of clock cases within recent years. Especially in wood clock cases, from the smallest of mantel to the largest of hall clock sizes, the assortment shows a variety of pieces more perfect in every detail of the cabinet work than was even dreamed of a decade ago. Not only have all the ancient styles on pure art lines been revived with good effect, but many modifications of the older styles are shown that are even more graceful and attractive than the originals. Almost every clock is a gem in its way, the assortment being absolutely free from many of the "jim crack" or inartistic combination effects that characterized such products a few years ago. Harris & Harrington are the sole agents to the trade for the celebrated chiming movements of J. J. Elliott & Co., London, with which their hall and many of the mantel clocks are fitted.

*

POPULAR PIECES IN AMERICAN CUT GLASS.

AMONG the many articles in cut glass for which the Pairpoint Corporation is feeling the greatest demand at the present time are electroliers, mantel clocks, jewel boxes and vases. The exhibit of these articles at the concern's New York show rooms, 38 Murray St., is very large at the present time, and pieces recently put on display in these lines are among the handsomest that it has ever carried. The usual staple lines of bowls, nappies, water bottles, etc., show many new cuttings and are to be had in a greater assortment than ever before.

*

A VALUABLE BOOKLET ON POTTERY.

A SERIES of art primers designed to furnish in a compact form, for the use of collectors, art students and artisans, the most reliable information relating to the industrial arts, are in course of publication by Edwin Atlee Barber, the curator of the Pennsylvania Museum. The first monograph is on salt glazed stone ware, and is one of a series of ceramic books which, when completed, will cover the entire subject. The author divides the subject into three groups—stone ware of Germany and the lower countries, stone ware of England, and stone ware of the United States. The volume is well printed and profusely illustrated, most of the subjects being characteristic specimens of the ware in question now on exhibition in the Pennsylvania Museum, while some illustrations show articles in private collections. The booklet, which is sold by the Pennsylvania Museum, has been a labor of love by the author, and will undoubtedly prove interesting and instructive not only to collectors but to artisans and all interested in the general subject of pottery and its history.

*

RICH CUT GLASS FOR FALL.

IT is always a pleasure to inspect the many lines of beautiful cut glass on display in the wholesale show rooms of C. Dorflinger & Son, 36 Murray St., New York, but the exhibit of the lines for the Fall trade will this year prove of more than usual interest to jewelers. Many new designs are already being shown, and this assortment will be augmented as the season progresses. Both in the regular cut lines and in the beautiful samples of engraved and rock crystal ware are to be found shapes not only new but which in outline show a departure from the forms used in the past. Especially is this true of the vases and table sets of rock crystal, while in cut punch bowls are some designs that cannot fail to meet the approval of those who admire brilliant effects combined with perfect workmanship. In cylindrical vases some very attractive additions have also been made.

THE RAMBLER.

Reappraisements of Decorated China and Glass Ware.

REAPPRAISEMENTS of decorated china and glass ware were, last week, announced by the Board of United States General Appraisers as follows:

DECORATED EARTHEN WARE.—From John Maddock & Sons, Ltd., Burslem, exported June 16, 1906, entered at New York (File No. 40,854); findings of Waite, G. A.: Alliance, No. 99, green, Venice, G. H. & E., entered at discounts of 35 per cent., 5 per cent. and 5 per cent., advanced by making discounts 32½ per cent., 5 per cent. and 5 per cent. Add crates and straw.

BLOWN GLASS WARE.—From Schott & Jenossen, Jena, exported April 10, 1906, entered at Los AAngeles (File No. 40554); findings of Board No. 1: Prices as published in reappraisement No. 7660, July 20, 1906. Reappraised value affirmed.

DECORATED EARTHEN WARE.—From J. Remy, Hohr, exported June 9-25, 1906, entered at Newport News (File No. 41003); findings of Waite, G. A.: No. 551, 4 pieces, 4 liter Humpen gelb m-Beschl., spitz, entered at 3.80 marks each; No. 548, 3 pieces, 3 liter, do., gemalt, do., entered at 4.75 marks each; 546, 3 pieces, 3 liter, do., gelb., do., entered at 3.20 marks each; No. 543, 3 pieces, 2½ liter, do., gemalt, do., entered at 3.90 marks each; No. 541, 3 pieces, 2½ liter, do., gelb., do., entered at 2.55 marks each; No. 538, 3 pieces, liter, do., gemalt, do., entered at 3.10 marks each; No. 536, 6 pieces, 2 liter, do., gelb, do., entered at 2 marks each; No. 573, 3 pieces, 1 liter, do., gemalt hohlf, do., entered at 1.99 marks each; No. 516, 144 pieces, ½ liter seidel blau ord m-Beschl. spitz, entered at .38 mark each; No. 523, 60 pieces, 1 liter, do., entered at .74 mark each; and similar goods; add cases; discount, 3 per cent; all no advance.

A. H. Smythe, Elgin, Ill., has sold out.

Mrs. H. M. Turney, Stockton, Ill., has discontinued business.

Some Interesting Facts About Coral.

CORAL as an ornament is again popular, and our grandmothers, mothers and aunts can open their jewel boxes and take out their carved coral ornaments, popular in the days gone by, and feel that they have the distinct approval of Dame Fashion.

Coral, although in no sense a precious stone, has been largely used in jewelry for many years, even at the times when it was not so much esteemed as now. In the middle ages it was used as a medicine, and the priests of ancient religions offered it to the gods. The Scriptures mention "Ramoth" (Ezekiel xxvii:16 and Job xxviii:18), which, though of doubtful meaning, is supposed to signify coral.

The red coral of commerce (*corrallium rubrum*) is the axis or inorganic framework of a species of polyps which is found in the Mediterranean and the Red Sea, growing arborescent at the bottom of the water attached to stones, rocks, fragments of lava, etc.

In its natural state it is covered with a whitish rind, united to the axis by a reticulated membrane abounding with milky follicles; on the surface or the fleshy rind are thinly scattered tubercles with a cavity or cell, in which a milk-white and almost transparent polyp is lodged, having the mouth surrounded by eight conical tentacles. This fleshy rind becomes friable and chalky when dried. Red coral seldom exceeds the height of a foot, which it attains in shallow water in eight or 10 years. It is slower growth in deeper water. When full grown it increases slowly in circumference, and at length the living rind dies, and the axis is attacked by various minute boring animals, which pierce it in all directions and destroy it.

Coral grows at various depths, from six or seven fathoms to 60 or 100 fathoms. Along the French coast it seems to prefer the surface of rocks which incline to the south, and in the Straits of Messina it prefers an eastern aspect. The growth and quality of the coral seems to depend greatly on the influence of light and heat, and the most beautiful variety is obtained in shallow water. There are 15 varieties of coral distinguished in commerce, according to their degrees of hardness and brilliancy of color, by such names as "froth of blood," "flower of blood," "second blood," "third blood," etc. The coral from the French coast and the Italian seas is most esteemed. On the African shores of the Mediterranean the color is less brilliant, and although the branches are thicker the texture is less compact. Coral is composed of cartilaginous matter, with carbonate and phosphate of lime.

There are coral fisheries in many parts of the Mediterranean. The ground is divided into separate portions, one of which is dragged every 10 years. The apparatus for dragging is very crude, consisting of a large cross of wood, with a heavy weight in the center, and nets properly secured to each limb; this is let down from a boat by means of a rope, and the boat is then rowed over the coral beds. The stems and branches are broken off by the machine, and become entangled in the nets. No doubt a good deal of coral is lost by this clumsy method.

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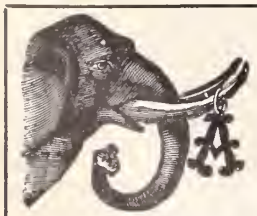


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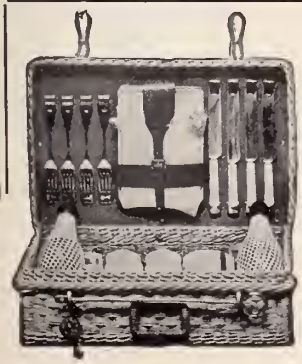
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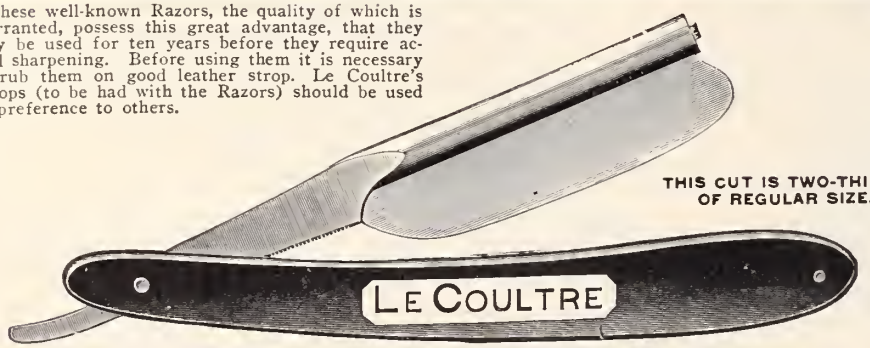
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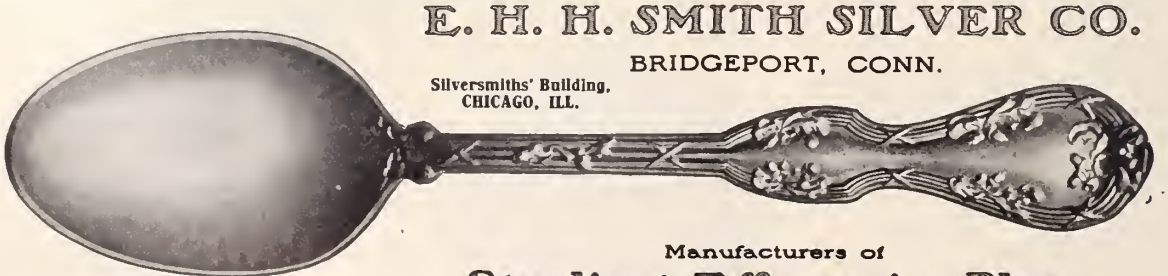
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Those desiring life insurance protection for their wives, or others dependent upon them, should investigate the new monthly table of rates, which offers maximum insurance at minimum cost.

DEATH BENEFITS,

$1,000 to $5,000.

Age limit of Applicants, 21 to 44 Years.

For full information address the Home Office, 12 John St., New York City.

GEO. W. STREET, President.

F. A. MARSELLUS, Secretary.

SEND THIS COUPON FOR PARTICULARS.

Without committing myself to any action, I shall be glad to receive, free, particulars and rates.

Name .....

Age .....

Address .....

A Few Remarks

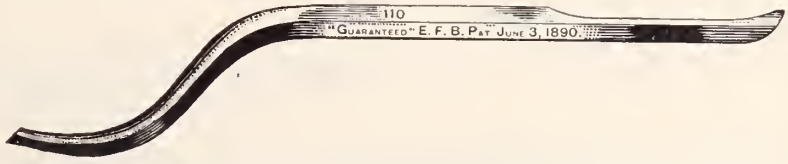
The well-informed mechanic purchases at about the same price as others pay for a cheap and worthless substitute. To become the leader, "to come into" universal demand and to be everywhere considered the BEST OF ITS CLASS, an article must of necessity be capable of satisfying the most careful buyer, yet dealers who are not content with reasonable profit and wish to increase their gain at the expense of the confiding, are constantly offering imitations of such articles that have stepped into the forward ranks of the world's commerce. The imitator always copies the appearance, but avoids reproducing the qualities which commend the original to public favor.



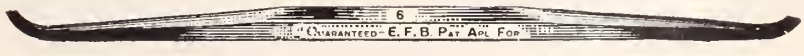
They generally contrive to make some change in the name or form of an article, so slight that it may deceive a customer, and this is most flagrantly and boldly done in imitating the

E. F. B. Gravers

To offer an imitation to the well-informed is an affront always resented by a transfer of patronage to an establishment where such deception is not practised, and as the only way to



prevent being imposed upon is TO KNOW the imitation from the genuine, we call your attention to the marks and names stamped on each Graver and Handle.





BUY SUCH, AND NO OTHERS

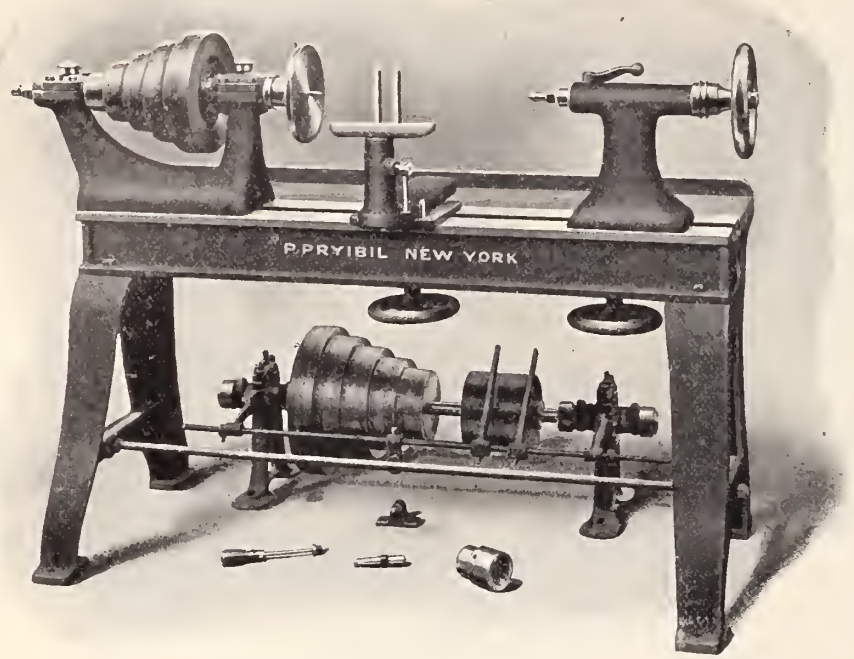
To be had in 180 different shapes and sizes.

For sale by all jobbers in the United States and Canada.



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Above Cut Shows Our

METAL SPINNING LATHE

We manufacture these lathes in sizes from 12-inch to 44-inch Swing, and can equip sizes 18-inch and larger with our Chucks for oval work.

Write for Catalogue

P. PRYIBIL, 512-524 W. 41st St., New York.

FAIRCHILD & COMPANY

225 to 233 Fourth Ave. NEW YORK CITY.

Manufacturers of GOLD PENS, PENCILS, PENHOLDERS, SEGAR CUTTERS, SPECIALTIES, PENCILS SET WITH JEWELS.

Style, quality and workmanship acknowledged the very best.

LEROY W FAIRCHILD. GOLD PENS.

WM. F. RENZIEHAUSEN CO.,

GOLD and SILVER REFINERS

Sweep Smelters, Assayers and Analytical Chemists

Rolling of FINE AND STERLING SILVER a Specialty.

Long Distance Telephone, 3759-R. 45-49 Oliver Street, NEWARK, N. J.



Price $3.00

(Pat. Feb. 7, 1905.)

The LATEST, the BEST and the ONLY ACCURATE

Pallet Stone Setting Tool

on the market, used in connection with the Depthing Tool. With this tool you can set a pallet stone in fifteen minutes, in place of from one to four hours at guess work. With the above instrument there's no guess work In less than fifteen minutes your pallet is set correctly.

FOR SALE BY

The Columbian Jewelry Supply Co.

122 West 2nd Street, Central Block, 1st Floor,

PUEBLO, COLO.

Send for descriptive circular

Write us for prices on Clock Tools and Materials

JOHN A. BLAIR, Manager

The Best of Intentions

Ofttimes fail on account of a lack of facilities. We utilize only the most modern means and guarantee satisfaction.

Send us a trial order.

CONLEY & STRAIGHT,

Gold and Silver Refiners, Assayers and Sweep Smelters,

236 EDDY STREET, - PROVIDENCE, R. I.

Dealers in Fine Gold, Silver and Copper. **All kinds of Gold and Silver Anodes.**

HONEST AND PROMPT RETURNS FOR YOUR OLD GOLD, SILVER, FILINGS, SWEEPINGS &c..

WE BUY

Old Gold and Silver Filings, Polishings, Sweeps, Hand Washings, etc. We will make accurate valuations and hold consignment subject to your acceptance. If valuation is not satisfactory, we reship to you at *our expense.*

WE PAY FOR OLD GOLD:

22 K. 88c. per dwt.		12 K. 48c. per dwt.	
20 K. 80c.	" "	10 K. 40c.	" "
18 K. 72c.	" "	8 K. 32c.	" "
16 K. 64c.	" "	6 K. 24c.	" "
14 K. 56c.	" "	4 K. 16c.	" "

MARKET RATES FOR SILVER AND PLATINUM.

WE SELL

Gold, Silver and Platinum, various qualities, rolled flat or drawn to wire of any gage.

PRICES OF ALLOYED GOLD:

8 K. 42c. per dwt.		14 K. 66c. per dwt.	
10 K. 50c.	" "	16 K. 74c.	" "
12 K. 58c.	" "	18 K. 82c.	" "

Gold and Silver Solder, either from formulas furnished, or our own. "T. B. H." Alloy, 25c. per oz. Guinea Gold, 75c. per lb. Shot Copper, 40c. per lb. We will send tables for alloying without charge. They save figuring.

Try us and you will Appreciate our Squareness, Promptness and Accuracy.

T. B. HAGSTOZ, Ltd., Main Office, 709 Sansom St., Philadelphia, Pa.

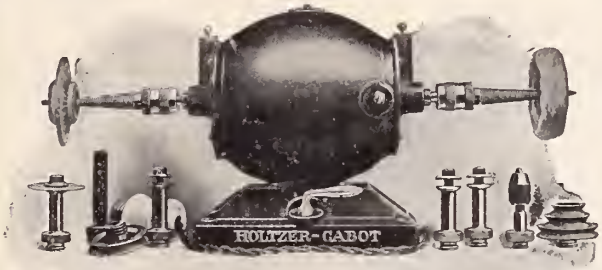
SMELTERS, ASSAYERS, REFINERS.

A Jewelers' Electric Lathe Motor

which has passed through the experimental stages and which, through a careful elimination of defects, has become practically perfect.

This illustration shows one of the **eight different styles and sizes** of Jewelers' Electric Lathe Motors, manufactured by **The Holtzer-Cabot Electric Co.**

Every Holtzer-Cabot Jewelers' Lathe Motor is backed by **an absolute guarantee of one year.**



In using **Holtzer-Cabot** Jewelers' Electric Lathe Motors you receive the benefit of their **thirty years' experience** in the building of electrical apparatus, and you get a motor which has had **four years' trial** in practically all classes of buffing, grinding, polishing and kindred uses.

Send for our special circular No. 409, regarding our offer of "**A Jewelers' Lathe Motor on Trial.**"

MAIN OFFICE, BOSTON (Brookline), Mass. **The Holtzer-Cabot Electric Co.** CHICAGO OFFICE, 395 & 397 Dearborn St.

Mercantile Fountain Pen

The Best Self-Filling Attachment

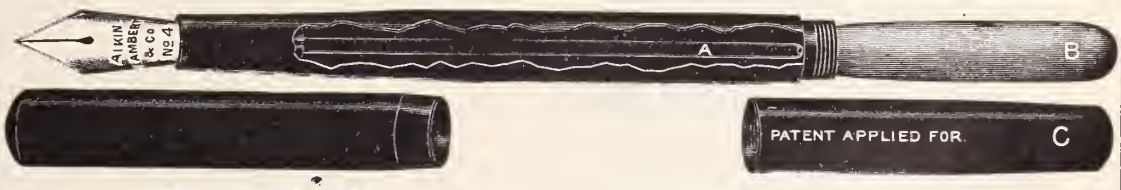
made and guaranteed by the

AIKIN-LAMBERT COMPANY,

19 Maiden Lane, NEW YORK.

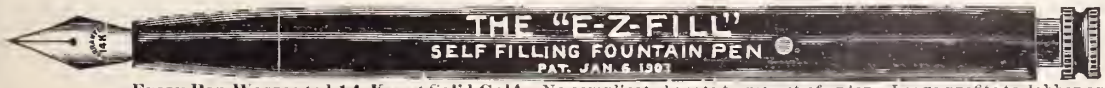
Retail Price:
$3.00
$3.50
$4.50

Send for Price Lists and Discounts.



THE "E-Z-FILL" SELF-FILLING FOUNTAIN PEN

FILLS INSTANTLY BY TOUCHING SPRING ON SIDE OF BARREL WITH PATENT PUSH PIN.



Other Patents Pending.

Retails at **$1.00**

Every Pen Warranted 14-Karat Solid Gold. No complicated parts to get out of order. Large profits to Jobber and Retailer. The only safe and practical **Self-Filling Fountain Pen** ever offered at a popular price. Made only by

DIAMOND POINT PEN CO. - **100-102 Beekman Street, New York**

Largest Manufacturers of Popular Price Fountain Pens in the United States — INFRINGERS WILL BE STRICTLY PROSECUTED — Send for large illustrated price list

PLATINUM

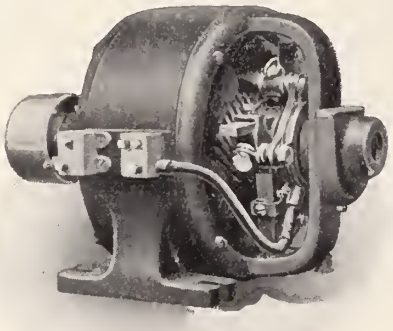
AMERICAN PLATINUM WORKS

NEW YORK OFFICE 41 Cortlandt Street

NEWARK, N. J.

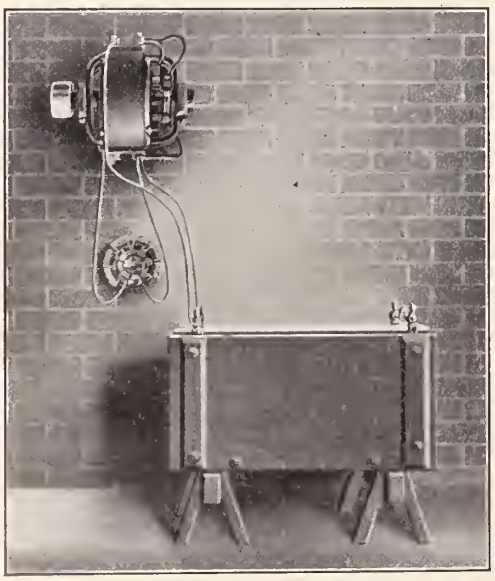
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SOMETHING NEW FOR JEWELERS
OR SMALL PLATING SHOPS.



FURNISHED IN FOUR SIZES.

Can be used in all operations of Plating, Gilding or Silvering.



Operated in any position; on floor, ceiling or side wall. Latest features, mechanical and electrical.

Adaptability.

Economy of space.

Compound winding of fields.

Generators can be furnished direct connected to Motor, avoiding long lines of belting, effecting economy in power.

We supply everything used in Plating and Polishing.
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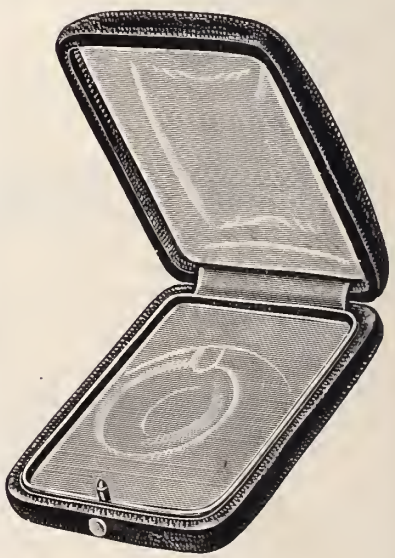
Boxes and Trays
THAT GIVE
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Velvet, Plush and Morocco Cases of Every Description for
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Special Cases Made to Order.

We make a Specialty of Fine Blocks and Stands for
WINDOW DISPLAY.

Travelers' Trays and Cases in all Sizes.
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THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, SEPTEMBER 19, 1906. Vol. LIII. No. 7.



Quaint Enameled and Jeweled Figures Made of Baroque Pearls, in the Green Vault at Dresden.

(*See Text on Page* 46.)

ALVIN SILVER



1. January . Wild Rose
2. February . Carnation
3. March . . . . Violet
4. April . Easter Lily
5. May . Lily of the Valley
6. June . . . . . Rose

A NEW departure in spoons: BIRTHDAY SPOONS. A spoon for each month of the year with symbolical flower for each month. Heavy solid patterns with floral handles, and plain or gilt bowls.

WRITE FOR PRICE LIST

ALVIN MFG. CO.

Silversmiths :: New York

7. July . . . . . Daisy
8. August . Water Lily
9. Sept. . . . . Poppy
10. Oct. . . . Cosmos
11. Nov. Chrysanthemum
12. Dec. . . . . Holly



GB2749

The "Bristol" Case



B 2818

Comparatively a new case, but a case that met with immediate success on account of its true merit.

It is beyond question the best moderate-priced, 25-year case on the market.

It has a solid-gold, ball-bearing bow. It has a new one-piece pendant, eliminating all solder.

It is made in full line, open face and hunting, screw bezel and back, and screw bezel and solid back.

All new designs, selected with the greatest care.

JOSEPH FAHYS & CO.



G B 2814



B 2615



POINTING OUT the WAY

If you follow that way —our way—you are assured of fair treatment and honest dealings. You are sure the diamonds are exactly what they are represented to be, at prices the lowest it is possible to sell such stones for.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York



We respectfully suggest that you

"Get in the Game"

Good business revolves around this ring—a perfectly satisfied customer has the true "ring" about him—he is a valuable asset.

Our rings are the standard for quality and workmanship, yet they are sold at the lowest price possible.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - - - NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

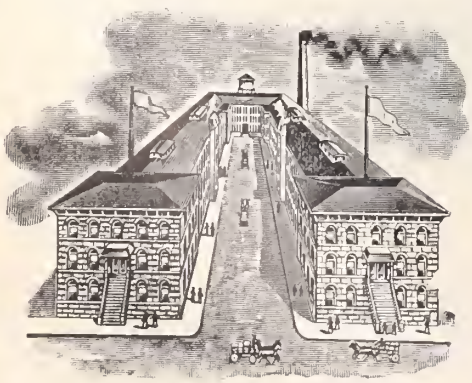
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



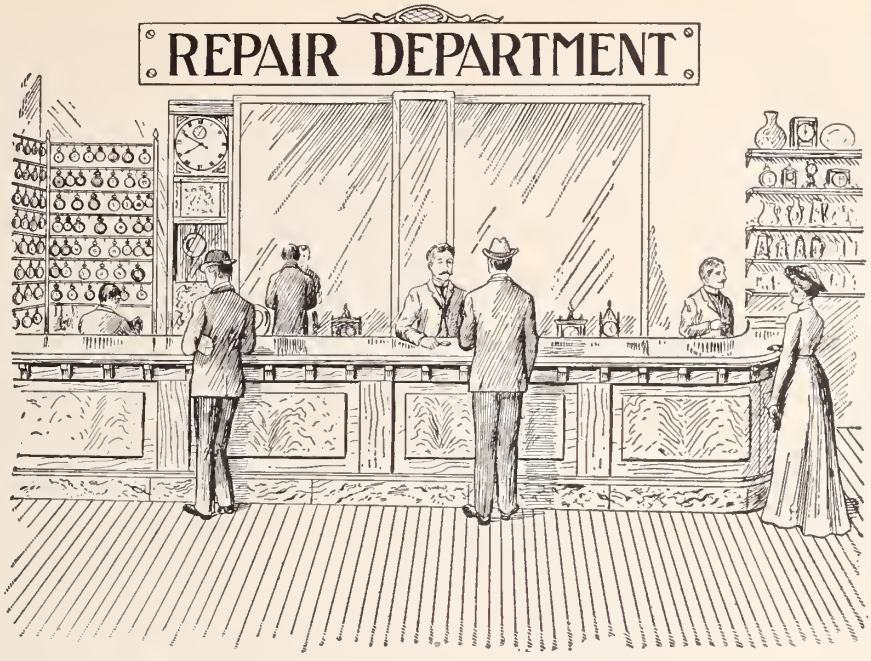
S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.





The REPAIRING

END OF YOUR BUSINESS IS THE MOST IMPORTANT PART OF IT

More people come into your store to leave work than to purchase goods.

Almost every one of your good customers became so through your repair department.

Progressive jewelers know this and concentrate their efforts on the repair department of their business. They give it the most prominent place in their stores; they emphasize it in all their advertisements; they keep themselves and their employes thoroughly informed on the costs of all kinds of work, new ideas and methods; they are courteous and accommodating to repair customers; have all work ready when promised; and do only such work at home as they can do well.

They send all the rest to us.

We devote our entire time, energy, capital, and twenty-five years' experience to this important branch of the jewelry business; employ and educate the best help that can be obtained; systematize and inspect the work, and use every modern method to produce the best work promptly at reasonable prices.

It is to your interest to do business with us, it is to our interest to have you.

Let us work together.

WENDELL & COMPANY

The Special Manufacturers for the Retail Jewelry Trade
Do a larger variety of work than any other firm in the country

TWO WONDERFUL SHOPS:

103 and 105 William Street
Near Maiden Lane
NEW YORK

57 Washington Street
Near State Street
CHICAGO

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

"A QUARTER OF A CENTURY."

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

PRICE BASED ON ACTUAL VALUE.

THESE FOUR POINTS mark the course of the WADSWORTH

"PILOT"
25-YEAR CASE

which sells North, South, East and West, true to the compass of trade demand.

To handle this Case is "easy sailing;" not to handle it is to be left behind.

***The* Wadsworth Watch Case Co.**
49 Maiden Lane, NEW YORK.

CHICAGO: Columbus Building.
SAN FRANCISCO: 717 Market St.
FACTORY, DAYTON, KY.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

NEW DECORATIONS IN ATTRACTIVE MODELS.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

BEST SATISFIES THE POPULAR DEMAND.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.

NOW READY FOR DELIVERY.



THE NEW BUNN.

OPEN FACE. LEVER SETTING.

The highest grade 17 jewel 18 size movement on the market.

Adjusted to temperature isochronism and six positions, 17 ruby jewels, steel escape wheel, double roller escapement, patent regulator, double sunk dial.

Especially constructed for Railway service.

ILLINOIS WATCH COMPANY
SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND





Dueber-Hampden

**The Best, The Smallest,
The Handsomest Ladies' American
Watch**

They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.









Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaran'eed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

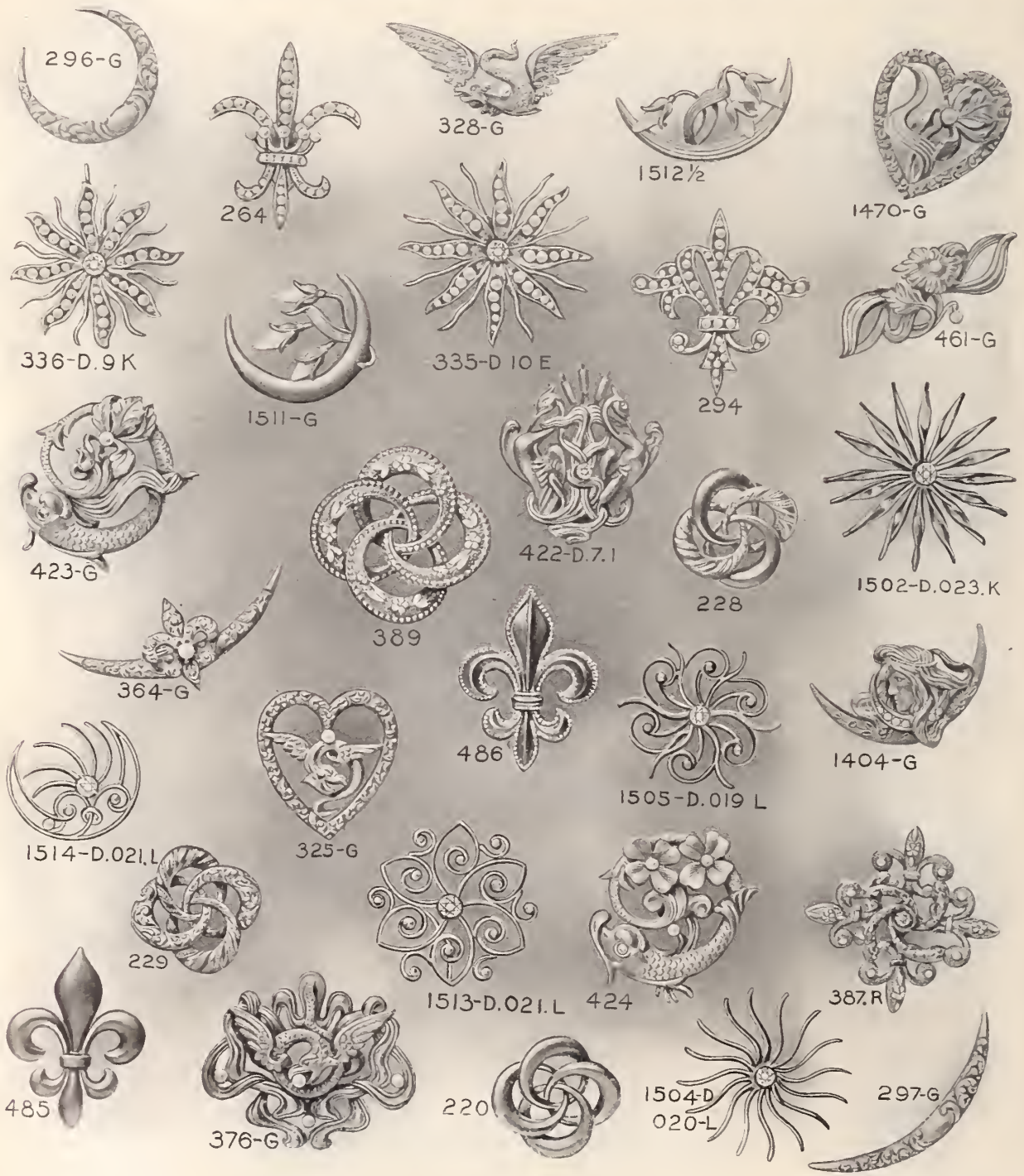
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Illinois Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

A 10K. Line that is 10K.



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FINE GOLD JEWELRY, Brooches, Rings, Cuff Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains, Crosses, Lorgnette Chains, etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

"We never follow the Fashion, the Fashions Follow Us."

MAURICE L. POWERS. *JOSH W. MAYER.*

P&M
Always in Red.

FALL NOTICE.

VISITORS coming to this city during the months of September and October are cordially invited to view some of the new productions to be found in our offices at most any time. There is not a single day when our factory, which is on the premises, does not increase our stock with new and magnificent productions; therefore if you call you will see, daily, pieces out of the ordinary, also a line of the plain commercial goods.

Some of our stocks are now on the road, and should you be unable to visit New York this season, do not fail to avail yourself of the opportunity to look through our magnificent Fall line when our representative visits your city. You will find this stock most interesting and far superior to anything now on the market, from the point of excellence, original designs, quantity, quality and exceptional prices.

If you have calls for something in the Diamond line that your stock does not contain, remember that our stock has just such articles.

POWERS and MAYER,

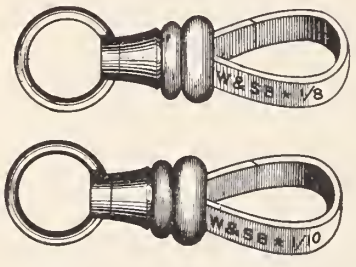
Makers of Diamond Mounted Jewelry THAT SELLS.

258-260 Fifth Avenue,

NEW YORK.

We are always pleased to ship goods on memorandum when satisfactory references are given.

W. & S. B. ★ QUALITY



There are two qualities of W. & S. B. ★ Chains:

Old Reliable, 1-10
Globe Filled, 1-8

Not sold to Department Stores or Retail Mail Order Houses

There is no deviation from the adopted standards. There never has been and never will be any reduction in the quality of W. & S. B. ★ Chains.

Although the cost of labor and the prices of materials have increased steadily, there has been neither increase in prices nor reduction in quality of W. & S. B. ★ Chains.

W. & S. B. ★ Chains are guaranteed to wear to the satisfaction of the owner.

Every Retail Jeweler gets a premium who buys 40 or more W. & S. B. ★ Chains before January 1st, 1907.

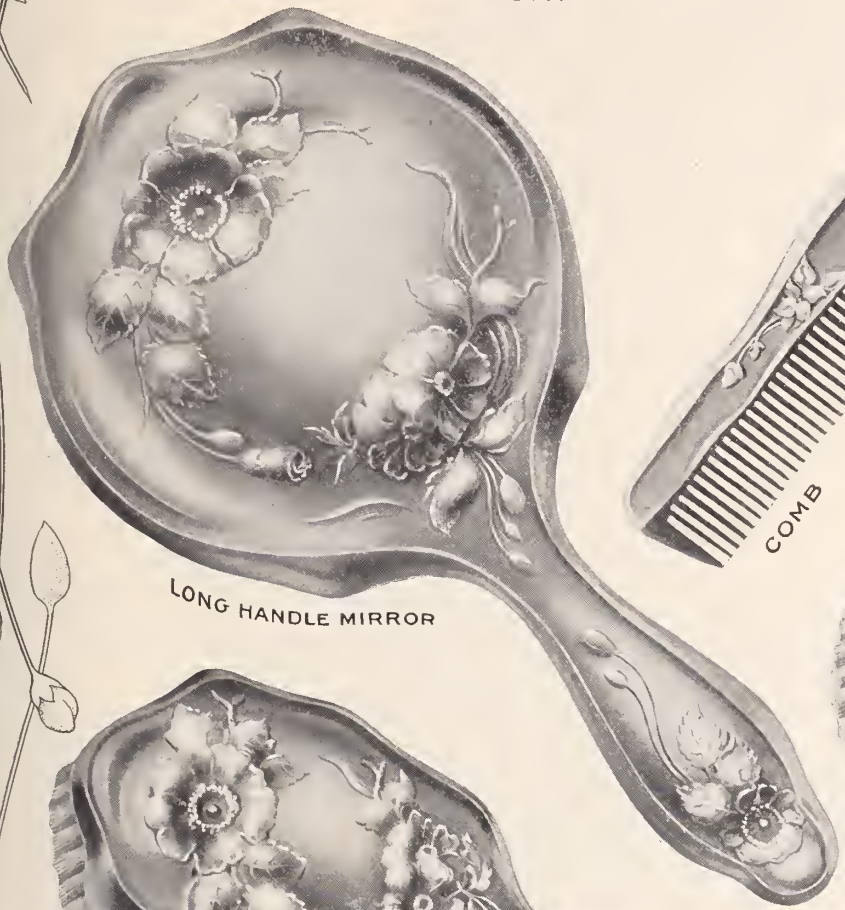
W. & S. BLACKINTON CO.

MANUFACTURERS

New York, 14 Maiden Lane. **Factory, North Attleboro, Mass.**

EGLANTINE

No. C. 526.

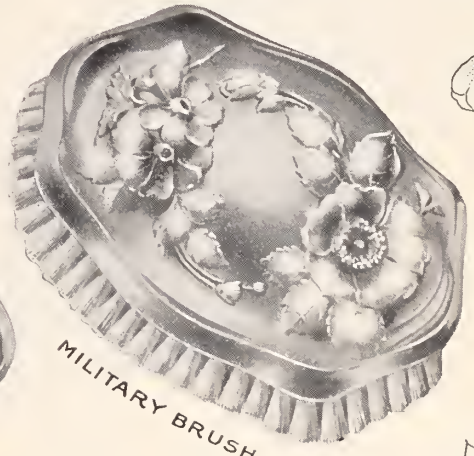


LONG HANDLE MIRROR



COMB

OUR RESOURCES FOR BEAUTY IN TOILET WARE ARE UNLIMITED



MILITARY BRUSH



HAIR BRUSH



CLOTH BRUSH

Simpson, Hall, Miller & Co.

International Silver Co., Successor.

Wallingford, Conn., U.S.A.

NEW YORK
CHICAGO

TRADE MARK Sterling

SAN FRANCISCO
TORONTO

SILVERSMITHS *to the* AMERICAN PEOPLE

ILLUSTRATIONS ONE-HALF SIZE

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York







Silver Deposit Ware

THE ever-increasing popularity of Silver Deposit Ware leads the Whiting Company to direct particular attention to the attractive and very complete line now shown by them at prices which will, on examination, be found to compare most favorably with those demanded for articles of a similar character but of markedly inferior quality.

¶ As the accompanying illustrations will serve to indicate, this artistic ware is notable for the markedly decorative effect which it insures at a comparatively moderate cost.

¶ At the same time it may be pointed out that while these particular examples shown are suggestive of one of its most effective applications, the Deposit process can with equal fitness be adapted to every desirable form of ceramic or glass ware, thus very materially widening the range of its utility.

¶ Among the articles in this ware offered by the Whiting Company, complete, are

Tea and Coffee Services.
Liqueur Sets.
Sherbet and Champagne Cups.
Whiskey Jugs and Bottles
Cock-tail Glasses.
Lemonade Glasses.
Claret and Cordial Glasses.
High-Ball Glasses.

TRADE  MARK

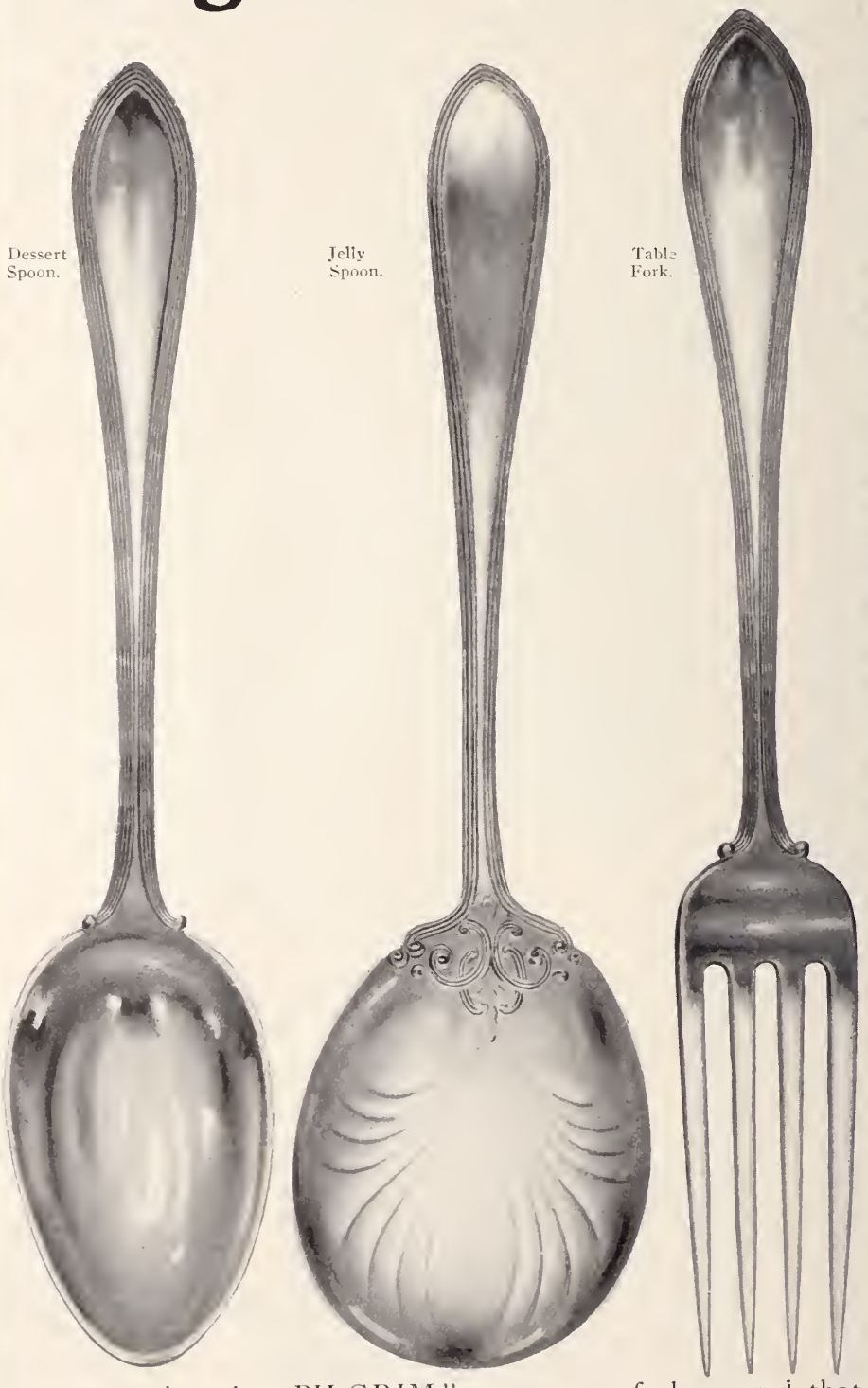
The Whiting Mfg. Co.

SILVERSMITHS

Broadway and Nineteenth Street New York



"Pilgrim" Pattern



In announcing the "PILGRIM" pattern, we feel assured that this, our latest production, establishes an extremely high standard in the manufacture of Flatware. This pattern is characterized by *simple elegance*, *refinement*, and *dignity* of design and the grateful absence of over-ornamentation.

Made in all the fancy pieces.

FRANK W. SMITH CO. Manufacturer of Sterling Silverware GARDNER, MASS.

Our New Engraved Pattern

One of the three New and Artistic Effects that we are showing this season.



TRADE MARK.

The demand for engraved effects in Toilet Ware and Manicure Sets of heavy weight is increasing. Our engraved pattern, as illustrated, was originated to meet the call of the coming season. The Mirrors and Hair Brushes are made in two sizes and may also be had in plain pattern, from which engraving is eliminated. A complete price list is ready for mailing, and we will be pleased to send it to you upon request.

Card Cases *Baskets* *Shirred Wrist Bags*
Photo Frames *Jewel Cases* *Sterling Novelties*

Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

FACTORY, NORTH ATTLEBORO, MASS.



No. 3050. SILK COVERED CASE.

THE CASE here illustrated fills a place in the Fall and Holiday Trade peculiar to itself. It was produced in order to meet the demand for something not so costly as our oak or mahogany chests of silver and yet more elaborate than our combination sets in lined boxes.

It is silk covered, a rich dark green in color, and very handsome. It is appropriately lined and contains twenty-six pieces—six of our **"1847 ROGERS BROS."** No. 12 solid steel knives, six medium forks, six table spoons, six tea spoons, butter knife and sugar shell, listing complete for $21.50.

A number of these cases will be desired by the jeweler who carries a complete line of

"1847 ROGERS BROS."

silverware, while they may prove a satisfactory compromise in the case of the small dealer who has not found it advisable to carry our chests in stock. They are a high class but sufficiently popular line to feature in the holiday business.

MERIDEN BRITANNIA CO.

(INTERNATIONAL SILVER CO., SUCCESSOR)

MERIDEN, CONN.

NEW YORK. CHICAGO. SAN FRANCISCO. HAMILTON, CANADA.

Simmons Watch Chains

ARE YOU quite satisfied that your Fall Chain line is as complete as it should be — that your assortment is adequate to meet the coming season's demands? — If not, NOW is the time to fill in any styles or patterns that may be lacking.

An inspection of the Jobbers' showing of the Simmons latest creations in Dickens and enameled guard styles ought to convince the most critical of jewelers that an assortment of these chains is needed to make his Fall display complete.

R. F. SIMMONS COMPANY

Main Office and Works, ATTLEBORO, MASS.

Salesrooms, 9-13 Maiden Lane, New York.
42 Madison St. (Heyworth Bldg.), Chicago.



If It Burns Alcohol We Make It

TEAKETTLES

Ornamental and Useful

Sternau Fancy Teakettles are suitable and profitable for the Jeweler to handle.

They are fitted with Alcohol Lamps.

Besides being convenient and useful, they make excellent presents.

Our variety of designs affords a choice line for selection.

One of our latest is shown here.

Made in Brass, Nickel Plate, Copper and Silver Plate.

In our New Catalogue, No. 21, various styles are illustrated. Copy will be sent on request.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Fancy Teakettles, Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS

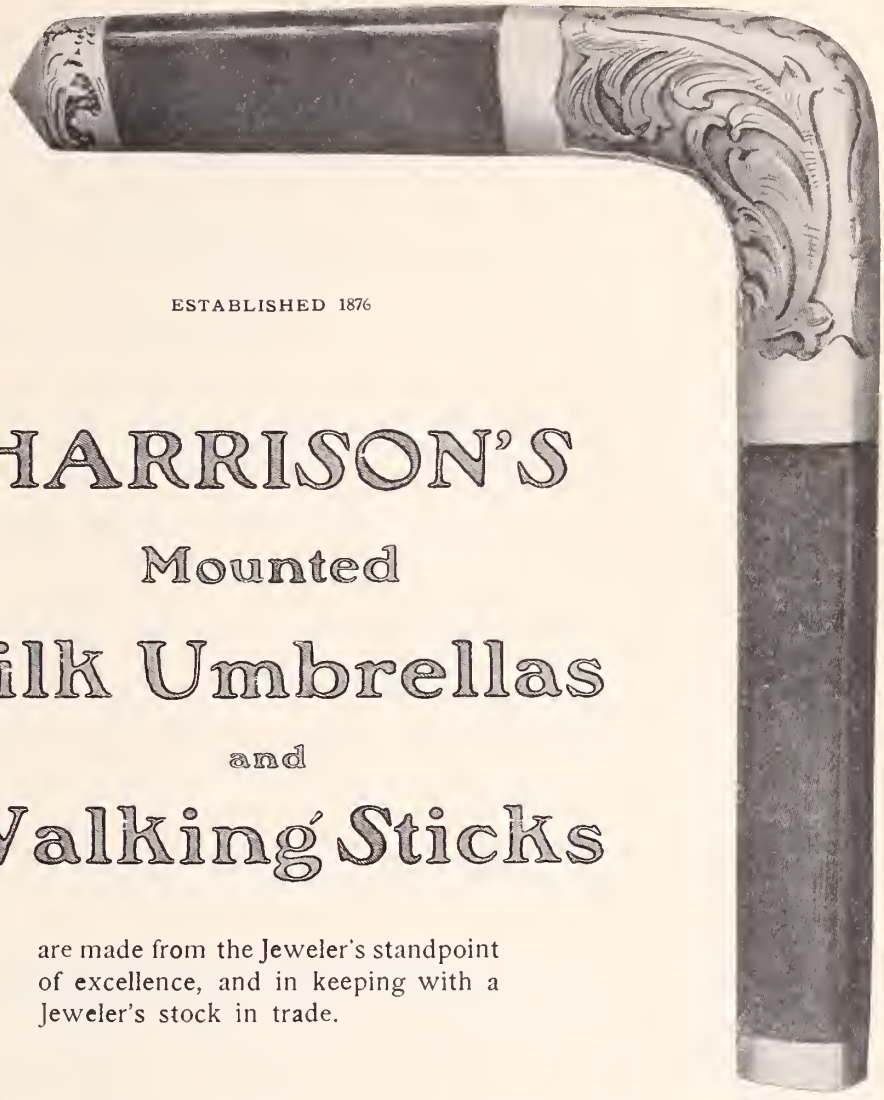


BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane





ESTABLISHED 1876

HARRISON'S

Mounted

Silk Umbrellas

and

Walking Sticks

are made from the Jeweler's standpoint of excellence, and in keeping with a Jeweler's stock in trade.

Our Gold-Headed Ebony Canes have stood the test for the last quarter of a century.

No Dry Goods or Dry Goods Department Stores Sold.

W. W. HARRISON CO.

Makers of Umbrellas and Walking Sticks

OF THE BETTER SORT.

1149 Broadway, NEW YORK.

Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE, 12-14 JOHN ST.

CHICAGO OFFICE, 103 STATE ST.

FACTORY, NEWARK, N. J.

ROBERT LEVY'S 10 Kt

THE NAME THAT STANDS FOR QUALITY

Penknives

Lockets
Buttons
Match Boxes
Brooches
Cigar Cutters



Bracelets
Scarf Pins
Fobs
Bead Necks
Heart Charms
Tie Clasps
Etc.

Send for Selection Package

10K. that is 10K.

ROBT. LEVY

Manufacturing Jeweler

Green and Columbia Sts., NEWARK, N. J.

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN
CORAL FISHERIES
IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN
CORAL FISHERIES
IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world**, being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

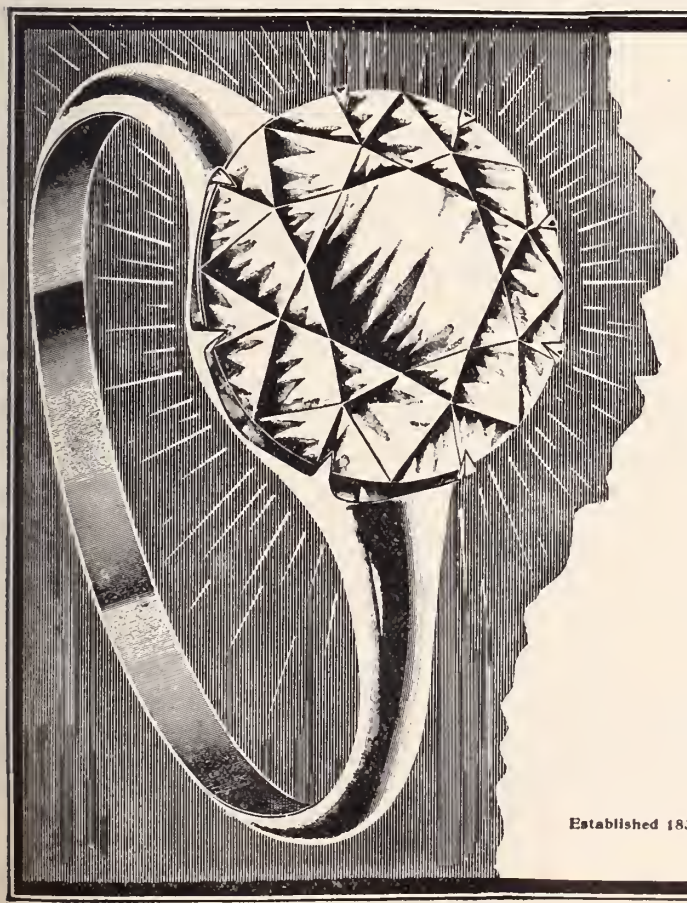
The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

Telephone, 5412 Franklin.

BORRELLI & VITELLI, 401 BROADWAY, NEW YORK.



Single Stone Diamond Rings

We carry a large stock of Ladies' and Gents' Diamond Rings. The tag of each ring is marked with a letter or number to correspond with our "Grading System," to indicate the quality of the diamond.

This is a time-saver for the expert and a safe and sure guide for the inexperienced. Where they are marked as being perfect we warrant them as being so.

We also have a complete assortment of loose diamonds and can supply any jeweler's needs. Our prices will enable you to meet any competition. Order of us and others, and compare prices and qualities, when you have a prospective sale.

HENRY GINNEL & CO.

DIAMONDS and WATCHES

Established 1835

31 Maiden Lane, NEW YORK





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires,
Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat
Gold and Platinum

Also a large variety of designs in Carved, Engraved,
Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets



No. ZN104—Hand carved Pearl in Marguerite design with sterling stem etched to match.

THE LARGEST UMBRELLA MAKERS IN THE WORLD

Follmer, Clogg & Co.

395, 397, 399 BROADWAY, NEW YORK.
1031 Chestnut St., Philadelphia, Pa.
330 Hays St., San Francisco, Cal.
Factory: Lancaster, Pa.

Fine Umbrellas and Handles

Including all the latest foreign novelties especially selected for the jewelry trade. See our immense assortment of distinctive creations for Fall trade.

Our Supply Department
has unsurpassed facilities for furnishing Handles, Bands, Tips, Covers, Name Plates, etc.
Catalogue on request.



No. ZL133.
All Silver Handle, handsomely etched in Rococo design.

The Wave Towards Jet

Opportunity for the Jewelers

IF THE TRADE has somewhat neglected Jet in past seasons, this attitude is necessarily being abandoned now under the pressure of present demand. This demand, coupled with the profits it affords the dealer, fully warrants you in carrying the full line. The finest artificial Jet, as here exemplified, is in all respects superior to the old-time natural product, now practically extinct. It is more lustrous, while less expensive.

JET BRACELETS
JET NECKLACES
JET COMBS
JET BARRETTES

D. Lisner & Co.

Creating Importers of
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One-Forty Fifth Avenue, cor. 19th St., NEW YORK

BATES & BACON

Attleboro, Mass.

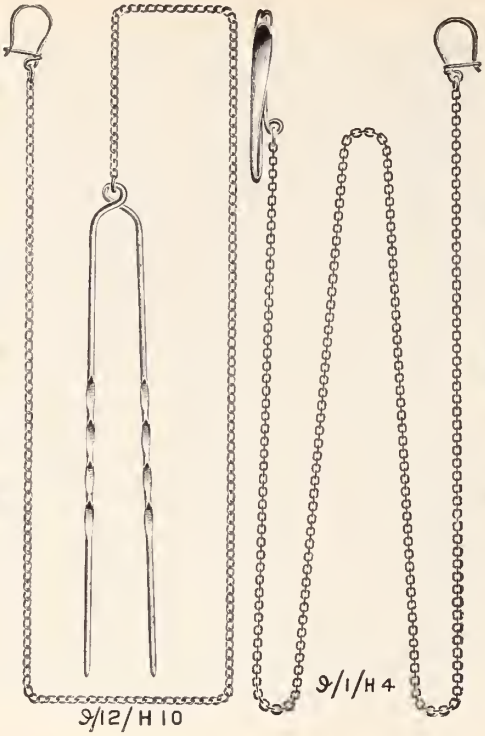
In addition to our HIGH GRADE LINE of Fobs, Gent's Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets, Chatelaines and

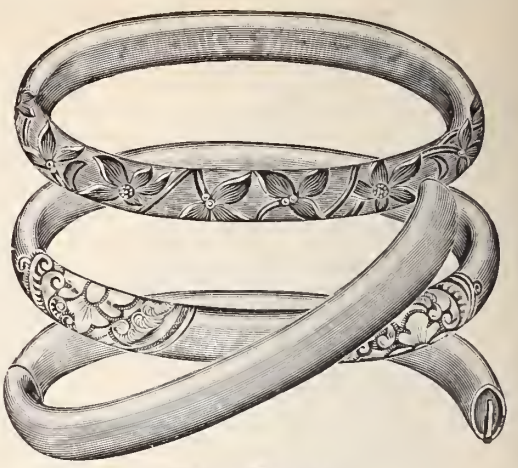
BRACELETS

we now put on the market a fine line of

Eye Glass Chains

Made from 14 Kt. 1-10 Seamless Wire, Gold Soldered and Warranted.



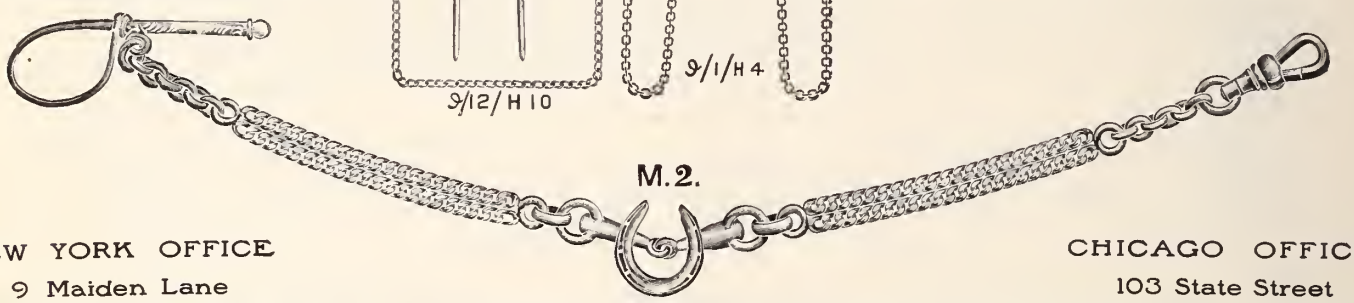


The New

"Bates" Bracelet

"KANT KUM OFF"

Ask Your Jobber for Our Goods.



M.2.

NEW YORK OFFICE
9 Maiden Lane

CHICAGO OFFICE
103 State Street



THE Bracelet Hit OF THE Season.

THE illustrations, which are exact size, show two of the best selling Bracelets of a big bracelet season.

Made of Rolled Plate, Pierced, Engraved—a neat, strong joint and catch—with and without stones, from ½ to 1¼ inches wide.

Our line offers an unsurpassed range of styles.

ASK YOUR JOBBER—HE HAS THEM

WHITING & DAVIS, Plainville, Mass.

NEW YORK OFFICE, 7 MAIDEN LANE.












OUR ELK EMBLEMS



Have gained a wonderful prestige with discriminating buyers. This is due to their beauty of design, superior workmanship, elegance of finish, and solid intrinsic value. Also, to the low prices at which they are offered, frustrating every competitive attempt and all ambitious rivalry. Within the extensive range of our manufacture are included Elk, Eagle, Masonic, K. of P., and all other societies, fraternities, etc. They are copiously illustrated in our 1906 Catalogue, and Supplement. If you have not as yet received it, be sure you write for it. If your jobber does not handle our line, send to us direct.

THE GUSTAVE FOX CO.

Nos. 14-16 East Fourth Street, - Cincinnati, Ohio, U. S. A.

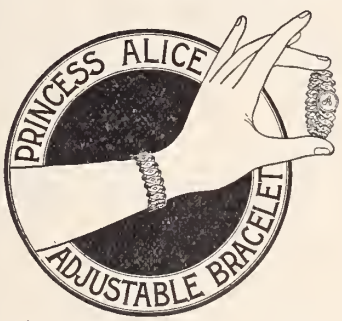


Stamp our New Trade-Mark on your memory. It is a Guarantee upon which you can safely stake your reputation.

The "Fine Mark" on Government Gold is not a stronger Guarantee than our Trade-Mark on Emblems. :: :: :: ::



THE SEASON'S FAVORITES



The sale of bracelets is still on the increase, and you need an A1 assortment on display. We are in a position to give you an assortment that will be varied enough to please the most exacting in adjustable, jointed and Nethersole bracelets. We will send you an assortment by prepaid express, with the privilege of returning all bracelets that are not satisfactory at our expense.





Rolled-Gold-Plate Pipestem Tops

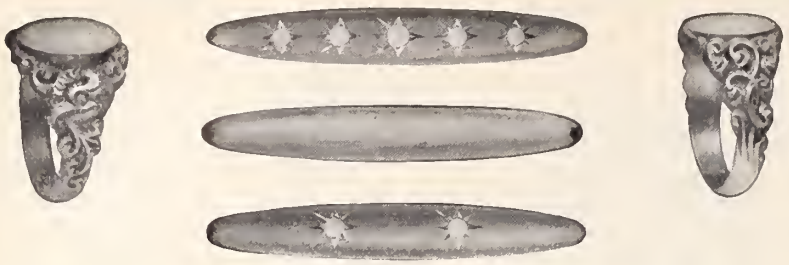
No matter how big your stock is it is not complete without an assortment of our rolled-gold-plate pipestem top combs.

We have added many new designs in this line to meet the demand, and we can show you the best line ever put on the market, and at prices that will sell the goods. Let us send you a sample assortment by prepaid express. All unsatisfactory goods to be returned at our expense.

C. H. Eden Company, ATTLEBORO, MASS.

New York Office: 699 Broadway

ADDRESS ALL CORRESPONDENCE TO THE HOME OFFICE AT ATTLEBORO, MASS.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK, 3 MAIDEN LANE.

CHICAGO, 42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

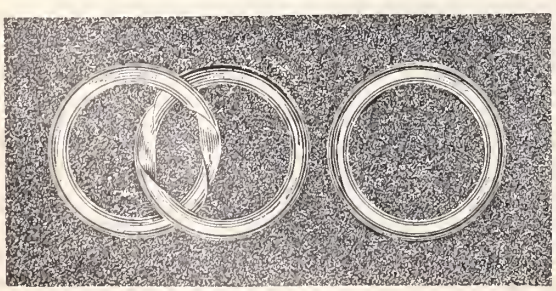
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MANUFACTURERS OF

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9 & 11 Franklin Street - Newark, N. J.

Opposite New City Hall



WE MAKE

The Alliance Ring

The graceful style of the Alliance Ring is rapidly supplanting the use of the old style wedding ring. The joints are invisible, and whenever engraving is desired it is done in the inside surface. Can be easily separated by inserting a pin in inside pin-hole.

14 karat, 3 dwts., each, $1.25 per dwt.; in dozen lots, $1.10 per dwt., net.
18 karat, 3 dwts., $1.40 per dwt.; in dozen lots, $1.25 per dwt., net.

MADE ONLY BY

LEONARD KROWER, Manufacturing Jeweler

536-538 Canal Street New Orleans, La.

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18K., 14K., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The Allsopp Rings

THE UP-TO-DATE LINE OF



SIGNET AND SET RINGS



In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING. Newark, N. J.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

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Special Designs in Signet Rings.

EXPERIENTIA DOCET

ONE OF THE MOST interesting features of our Ring Department is the large class of Special Signet Rings. Rings appropriate to professions and callings, to fraternal orders, societies and colleges, bishops' rings and other official seals.

PRICES: $3.00 to $400.00.

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EVERYTHING IN

MOURNING JEWELRY.

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Makers of Exclusive Designs in 14K. Jewelry,

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MAKERS OF

Fine Pearl and Diamond Goods

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Diamonds Set Without Cost

means a lot of money saved during the year.

This you can do very easily if you put the above assertion to the test. Bring me a platinum mounting with the requisite number of diamonds, and after I have set the article you will admit that through my skilful and artistic setting the diamonds have gained in brilliancy and quality, and that as a result your mounting has improved greatly and has enhanced three times the value you paid for the setting. At the same time your customers are satisfied with all the orders you turn out. You can also compete with all those who are slow to grasp the importance of these facts.

A trial will convince you of the above. I can refer you to the most reliable houses in the jewelry trade, who will testify to my reliability and to the skilful manner in which I execute my settings on fine.

Platinum Mountings, Watch Cases, Lockets,

Roman colored goods and Gypsy rings.

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Established 1883 Telephone 2547 Cortlandt

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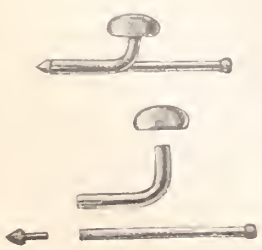


Manufacturer of
Diamond Mountings and Diamond Set Jewelry
Importer of
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373 Washington Street, Boston, Mass.

Cable Addresses: { Ashir, Boston. Hochschüler, Antwerp.

Established 1871 FACTORY AND OFFICE, NEWARK, N. J. Incorporated 1900



Patented May 21st, 1901

THE "APEX" STUD

The only stud adaptable to any kind of shirt buttonhole or eyelet and having no coiled spring to get out of order.

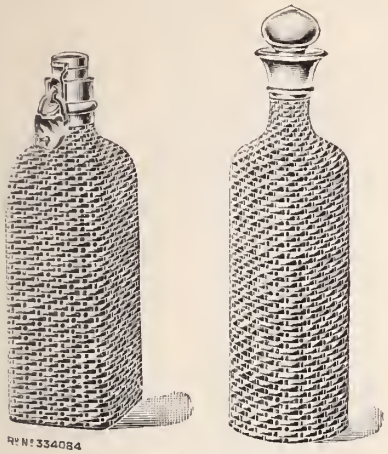
CARRINGTON & CO.

Sales Agent

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EDMUND R. NEBELING
Diamond Setter
49 Maiden Lane - NEW YORK
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Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

SAML BUCKLEY & CO.
English Fancy Goods.



Reg. No. 334084

Have You Seen Our New
Silver-Mounted White and Brown Wicker-Covered Bottles?

118-122 Holborn, E.C., London
100 William Street, New York

ESTABLISHED 1841

Carter, Howe & Co.

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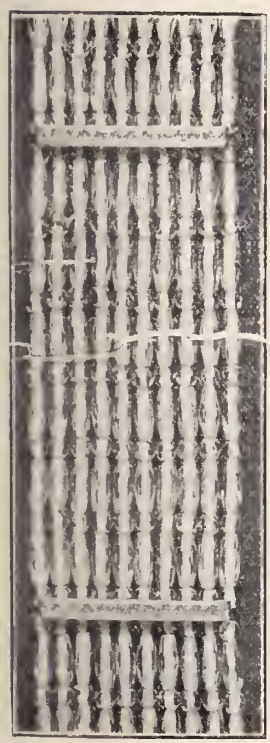
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Gold Jewelry,

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FACTORY, NEWARK, N. J.

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LA MATCHICHE Dog Collars and Chains
Are our Latest Novelty—Can be had in Various Colors
SEND FOR SELECTION
LEWY & COHEN, - - 530 Broadway, New York
Importers of Fans, Chains, Necklaces, Brooches, Combs, etc.

ADOLPH LUTHY. PERCY W. HINE.
LUTHY & HINE,
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MANUFACTURERS OF
Artistic Gold and Platinum Mounted Diamond Jewelry.
Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.
MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.
(DIAMOND MOUNTED COMBS A SPECIALTY.)

PLATEAUX and TRAYS
OUR SPECIALTY
Sizes, 6 to 20 Inches
Gold, Silver, Nickel
J. E. ROHRBECK
40 FULTON STREET, NEW YORK

THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins. The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c; in 10k gold, $1.00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City

BRACELETS



of Odd and Unusual Design, and Plain Ones, too

GOLD GOODS OF HIGHEST GRADE EXCLUSIVELY

Our Mr. John Abel has recently returned from abroad, where he has been in search of exclusive productions.

Our offerings of superior, highest grade gold bracelets especially demand your consideration. One of our seven representatives will be pleased to show you the line, or

Write us to-day for information

TRADE-MARK.

ABEL BROS. & CO.

Abel Building

64-66 John St., N. Y.

"THE BRACELET HOUSE."

KENT & WOODLAND,

BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office,
Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.

ELKS



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Elk Head
Best in the World.

B. P. O. E.
In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD

Brooches, Lockets, Links

Bracelets, Scarfs

And Everything Else in Gold Goods

CHAS. L TROUT & CO.

15 Maiden Lane, New York City

Unique Silver Deposit WHISKEY JUG



7 Inches High.

Just one piece from one of the best selling and most attractive lines in town.

Depasse Mfg. Co.,

41-13 Maiden Lane, New York.

ROBERT DULK,

DESIGNER,

Etching in Gold and Silver,

Telephone, 3960 Chelsea.

No. 70 5th Avenue, NEW YORK



SOLID GOLD CHAINS

Gold Chains that don't have to first pay the heavy expenses of traveling salesmen, before a selling price is placed on them, are chains that to-day are interesting the careful and exacting buyer.

WE are the makers of just such

SOLID GOLD CHAINS

TRADE K MARK

Are YOU one of these careful and exacting buyers?

For 56 years critical Jewelers have found our Chains ready sellers, very profitable to handle and most durable in service.

We have no salesmen, and our prices are therefore very low. We will be pleased to send you a selection package.

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IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

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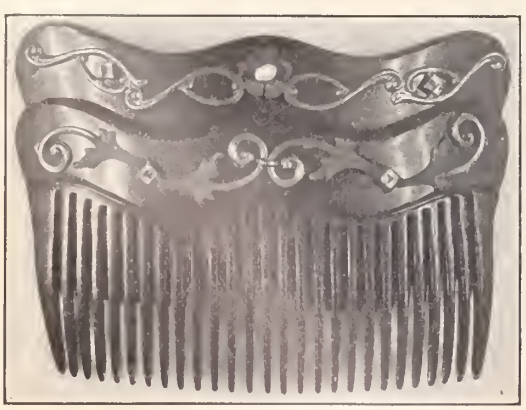
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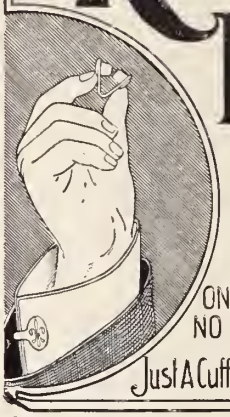
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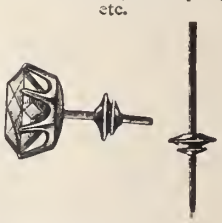
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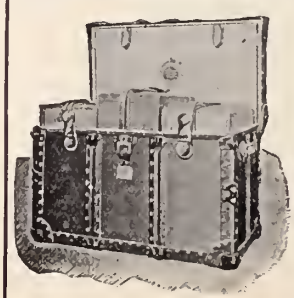
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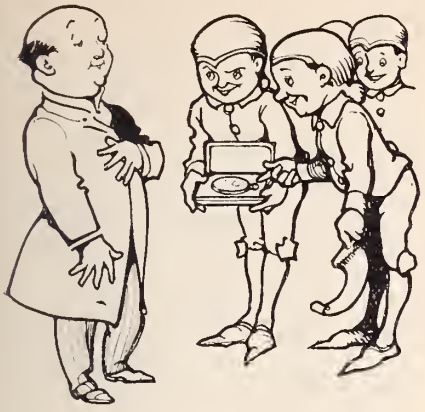
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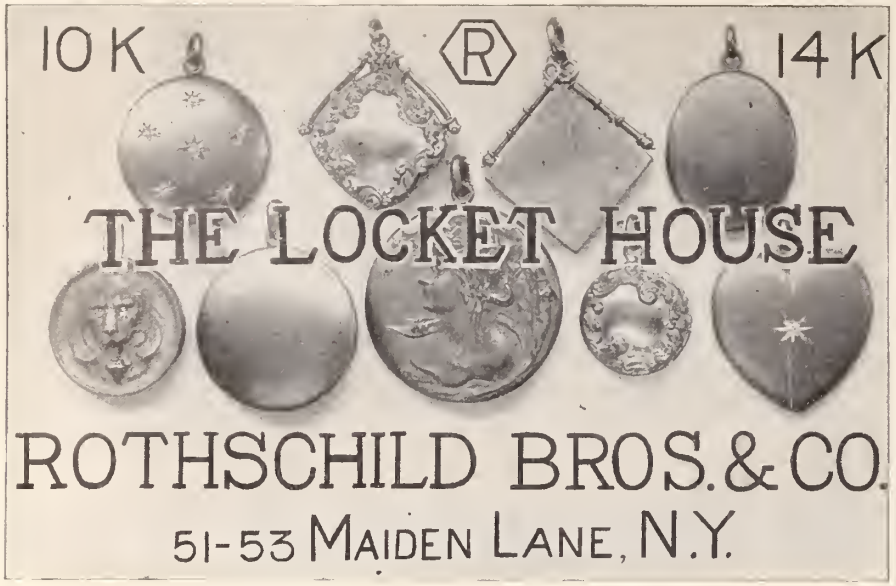
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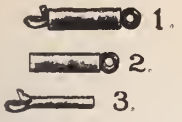
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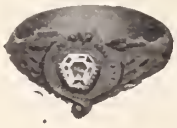
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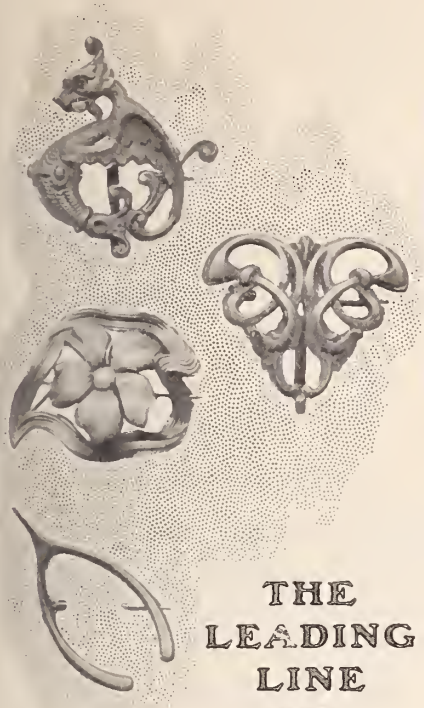
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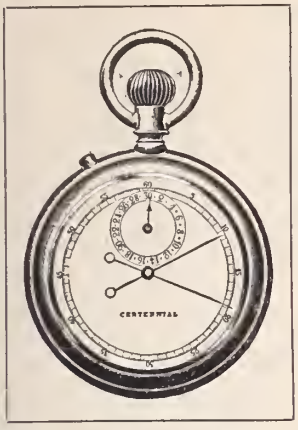
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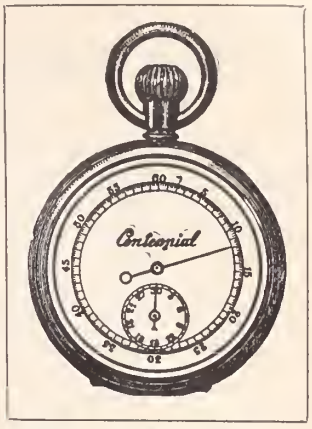
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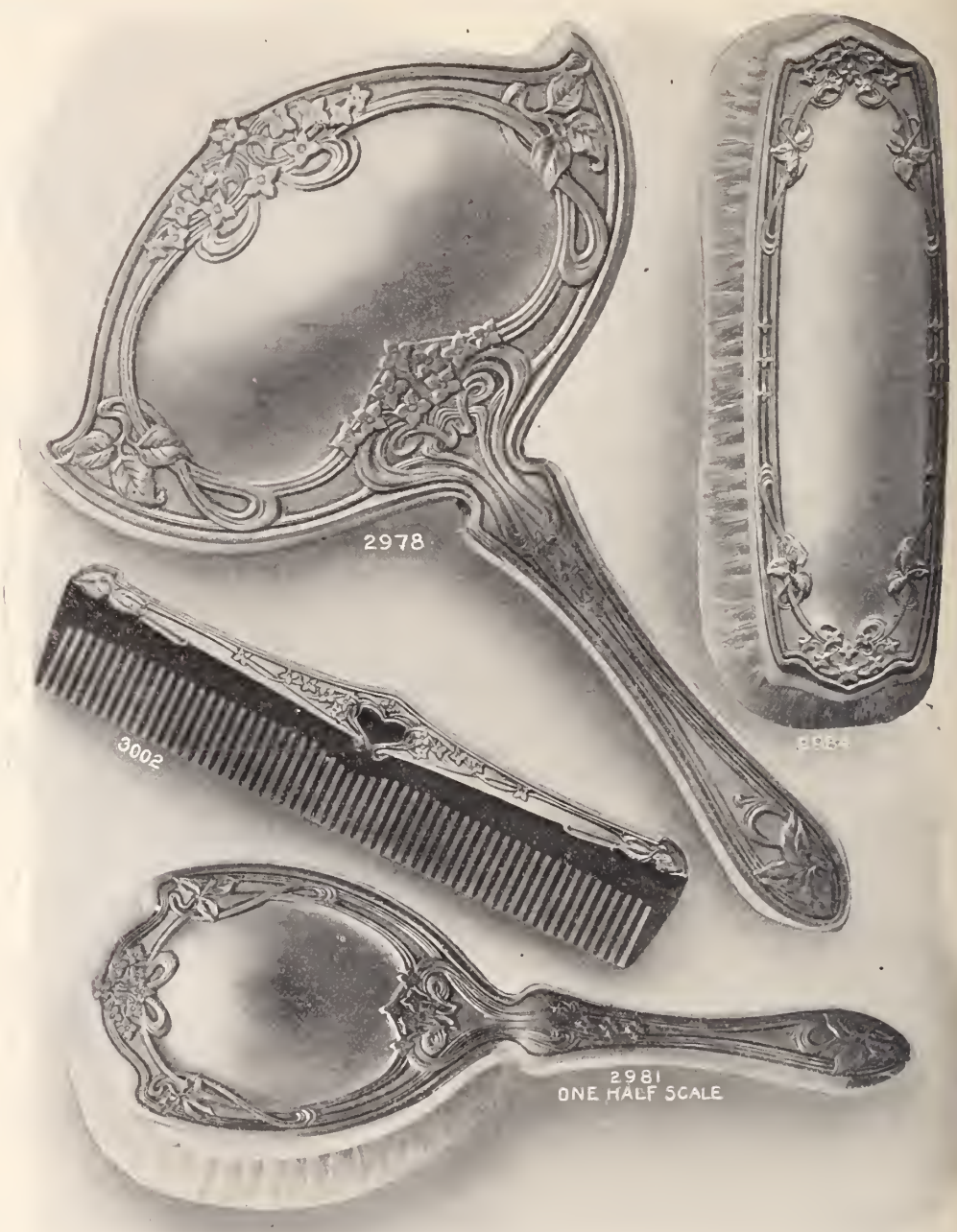
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Our new line of Sterling Silver silk-lined Jewel Cases is especially attractive, and we are showing a great many Novelties which we will have illustrated in our new Catalogue, H, now in the hands of the publishers.

Owing to the phenomenal demand for

"The Armlet,"

the F&B invisible joint bracelet, it has been impossible to keep pace with the orders, but we now believe we shall soon be able to make prompt shipments.

See our full lines of gold-filled Lockets, Charms, Crosses, Pendants, Chains, Fobs, Neck Chains, Collarettes, Pins, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrette Pins, Belt Pins, Waist Sets, Buckles, Hair Chain Mountings, Ribbon Book Marks and a large line of Sterling Silver Novelties.

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350 King Street, Kingston, Ont.

Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this Report was commenced in THE JEWELERS' CIRCULAR-WEEKLY, *July 18, 1906, and will be continued in this and succeeding issues until completed.]*

DUMORTIERITE.—(*Continued.*)

California.—Within a year or two past dumortierite has been found in larger quantity and of a different tint in San Diego County, Cal., a few miles east of Dehesa, the place noted for its "orbicular diorite." Here it appears in masses of several centimeters in either direction, with a radiating columnar structure and of a pinkish lavender color, instead of its usual indigo blue. It occurs intermingled with quartz in the lower half of a large dike, the upper half of which contains sillimanite, instead of dumortierite, similarly associated with quartz.

Washington.—Another locality lately announced is in Skamania County, Wash., at the headwaters of the North Fork of Washougal River. Here the form is different again, the mineral being present in minute spherulites composed of radiating fibers of strong blue color. These are distributed through a fine-grained quartz matrix as blue specks, sometimes massed in patches and sometimes abundant enough to color the whole mass. Associated with it is andalusite, apparently taking the place of the closely related species sillimanite at the previous locality.

Arizona.—At Clip, Ariz., the associated mineral is kyanite; so that these three species, so nearly allied in composition, appear to have close relation with the dumortierite, one or other of the group being in every case associated. The bearing of this fact will be noted presently. Muscovite, also in small quantities and apparently a product of alteration, is present at each of these three western localities. At the New York occurrence, in Harlem, the dumortierite appears in a vein of coarse red pegmatite, and is generally in the feldspar, associated with black tourmaline, muscovite, and small quantities of some other minerals. The French localities near Lyons present a similar mode of occurrence. At a few points in Bohemia and Silesia it is also known, and appears to belong in a pegmatite.

Mr. Schaller's paper goes into a very careful examination to determine the exact composition of this species and its proper place among the silicates. The analysis brings out very clearly the true constitution of dumortierite as a member of the kyanite-sillimanite-andalusite group, differing from andalusite only in a small content of boron.

The average of the two analyses of Dehesa material is as follows:

AVERAGE OF TWO ANALYSES OF DUMORTIERITE FROM DEHESA, CAL.

SiO_2	28.68
Al_2O_3	63.31
Ti_2O_3	1.45
Fe_2O_3	0.23
H_2O	1.52
B_2O_3	5.37
	100.56

in which the titanium and iron are regarded as replacing alumina. Grouped together, the ratios for silica, alumina, boric acid and water are almost exactly 6:8:1:1, and yield the formula:

$$8\ Al_2O_3\ 1\ B_2O_3,\ 1\ H_2O,\ 6\ SiO_2,$$

which may be written—

$$(SiO_4)_3\ Al\ (AlO)_7\ (BO)\ H.$$

This, when written graphically, is extremely close to the expression for andalusite, the radical BO, with a hydrogen atom, replacing a part of the alumina. The alteration of dumortierite to muscovite is also shown very readily, alumina and boric acid being set free and potash taken up.

As to the physical properties of dumortierite, the crystallization is orthorhombic, though there is little material to judge precisely upon, the mineral being usually fibrous. The density averages 3.3. Pleochroism is marked and varies in specimens from different localities being colorless (or rarely pale yellow) to cobalt blue, pistachio green, rose salmon, carmine or red-purple—the latter is found only in the California specimens, and is regarded by Mr. Schaller as due to the titanium present.

LEPIDOLITE.

In the 18th century lepidolite was used as a pleasing ornamental stone, polished and cut into such objects as are fluorite and malachite.

In a series of mineralogical notes in Bulletin No. 262 of the United States Geological Survey, W. T. Schaller describes some features of the crystallization of lepidolite.[1] He has examined a number of crystals from the vicinity of Ramona, San Diego County, Cal., and gives a series of observations thereon, which he states are to be more fully presented in a forthcoming paper on lithia minerals of California. He finds in general a very close relation to muscovite, with certain differences, however, in three respects, viz.: That in lepidolite twinning is very rare, the characteristic M face of muscovite (221) is wanting and the *a* face (100) unusual in muscovite, is frequent.

He also describes a mode of occurrence in lepidolite from Mount Mica, Maine, which has very rarely been previously reported. This is the globular aggregation of crystals, which is not infrequent in muscovite. It has been barely mentioned by von Rath, from Elba, and by Dr. Hamlin, from Mount Mica. Mr. Schaller reports it as occurring both at Mount Mica and at Mount Apatite, on Pulsifer's Ledge in Auburn, Me. At both these localities the spheroidal groups attain a size of several centimeters in diameter.

MISCELLANEOUS.

Gem Minerals at the Portland Exposition.—The products and resources of the Pacific States were illustrated on a large scale at the Lewis and Clark Exposition held at Portland, Ore., in 1905. Among these the mineral exhibits were very conspicuous, and the Palace of Mines impressed every visitor. A marked feature in this building was the collection of precious, semi-precious, and ornamental stones of the Pacific Coast and adjacent States, which the writer was appointed to prepare. It included representatives of all the more remarkable gem minerals from the entire Pacific Coast region and from many points of the interior northwest, together with some from Arizona and Utah. Most of these have already been described in the reports of this Bureau.

From the Pacific Coast proper the most northerly exhibit was that of large crystals of garnet from Fort Wrangell, Alaska. From Prince of Wales Island were shown magnificent large crystals of dark-green epidote, found by accident in mining for copper. Of special interest are the aboriginal celts, hammers, and knives made of green jade, found in graves in Alaska. Lieutenant Storey, U. S. Navy, succeeded some years ago in finding this substance in place as a vein material at a point known as Jade Mountain. Thus was disproved the hotly contested theory that jade existed only in Asia, and hence that all the material, whether found in ancient Roman graves, in France, in the Swiss lakes, or in America, must have been brought by migration or by trade from that continent.

Fine agates were shown from Oregon.

A mineral exhibited and closely similar in appearance to jade is that named by the writer californite, a variety of compact green vesuvianite from Yreka, Siskiyou County, Cal., a stone almost as tough and as beautiful as the best jade, for which it was at first mistaken. Other ornamental stones from California were blue chalcedony (sapphirine) from Kern County, and chrysoprase from Visalia, Tulare County. A notable exhibit was that of the great crystals and masses of transparent quartz obtained some years since in Calaveras County, Cal., from which were cut, as shown in the case, rock crystal balls measuring from 2⅜ to 5⅞ inches in diameter.

Southern California, as has already been noted, is fast becoming known as one of the most remarkable gem regions in the world, rivaling the long celebrated treasure ground of the Ural Mountains. San Diego County, with its wonderful yield of gems, was more fully represented than any other part of the coast, notably in the splendid tourmalines from Mesa Grande and Pala—red, green, yellow and bicolored crystals weighing several pounds, cut gems weighing up to 30 carats each, and sometimes single stones showing two or three distinct colors. The new gem mineral, kunzite, had the best display yet shown at any exposition. Another recent discovery in gem stones was shown in the fine topaz crystals of light-blue color from Ramona and Valley Center, San Diego County, the best topazes that this continent has produced. The beryls from the same region are also very interesting, one of the rarest varieties being pink beryl, found both at Pala and Mesa Grande. All these minerals were reviewed in the report of this Bureau for 1904, in the section on the gem minerals of California.[1] The special exhibit made by San Diego County attracted much attention and received a first class gold medal.

As to the neighboring western States and Territories, a rich display was made from Arizona of the beautiful malachite and azurite specimens from the copper mines at Bisbee, Clifton and Morenci; also of the elegant chrysocolla, coated with transparent crystals of quartz, from the Globe mine. Fine examples were shown of peridot (chrysolite) from the lately discovered locality for this mineral at Talkai, Ariz., one of these being a cut stone of 25¾ carats. Turquoise matrix, from Gila County, is a somewhat novel ornamental stone, the rock, traversed by small veins of turquoise, being cut and polished so as to produce a pleasing effect. Another ornamental stone, representing lapis lazuli and like that celebrated mineral adapted to choice uses in art work, is dark blue fibrous dumortierite from Clip, Yuma County, Ariz.

New Mexico was represented by specimens of turquoise and of the pyrope garnets from the Navajo nation, which are often miscalled rubies.

From Utah was shown the elegant green mineral utahlite, from the Floyd mining district in Clay Canyon. This substance is found only in Utah.

Wyoming was represented by fine pieces of moss agate in large polished slabs, from Hartville.

Among the most valuable gem materials shown from Montana were the beautiful blue sapphires from Yogo Gulch, Fergus County, which present a striking contrast to the varied colors of the sapphires found in the placer washings near Phillipsburg, Granite County. These latter are all obtained by sluicing, whereas in Fergus County sapphire is mined in solid igneous rock. Montana was also represented by some remarkable examples of amethyst and of smoky quartz found a few years ago in the Little Pipestone district, in Jefferson County.

The cut stones in the exhibit numbered altogether 90, and the uncut specimens 129, making a total of 219.

Gem Gathering in Ceylon.—A. K. Coomeraswamy, director of the mineralogical survey of Ceylon, has published a paper on the rocks and minerals of that island,[2] with special reference to the gems that have been gathered there from time immemorial. In the report of the Mineralogical Survey for 1904[3] an extended account is given by Mr. Coomeraswamy and the assistant director, James Parsons, on the "gemming" industry of Ceylon. The gems of the island are all obtained from a widely distributed gravel of *illam*, with the exception of some garnets and the valuable Ceylonese moonstone, which latter is taken out by quarrying from an adularia-bearing leptynite, in the central Province. The gravels are now worked by washing in the Ratnapura district of Sabaramamuwa Province and in parts of the southern Province. Elsewhere they appear to have been exhausted, and the same fate is steadily approaching the regions that are still productive.

The gems found are corundum, spinel, zircon, iolite, topaz, tourmaline, beryl, and chrysoberyl, the latter in the varieties alexandrite and cat's-eye. The report goes into full details of the localities, the variations in the character, and the situation of the *illam*, the methods of working, etc., and is accompanied by two maps.

(To be continued.)

Otto H. Fasoldt, Albany, N. Y., who filed a petition in bankruptcy some time ago, recently made application for a discharge from all his debts to the United States District Court. A hearing on his petition will be had before Judge Ray of this court at Norwich, N. Y., Sept. 25, at 10 A. M., at which time creditors may appear and show cause, if any exists, why this discharge should not be granted.

[1]Schaller, W. T., Contrib. to Mineralogy, Bull. U. S. Geol. Survey No. 262, pp. 139-143.

[1]Mineral Resources U. S. for 1904, U. S. Geol. Survey, 1905, pp. 961-985.

[2]Coomeraswamy, A. K., The Rocks and Minerals of Ceylon; Spolia Zeylanica, vol. 11, pt. 9, 1905, pp. 50-66.

[3]Administration Reports, 1904, Min. Surv., Ceylon, pp. E-11, E-19.

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Odd Figures Made of Baroque Pearls.

VERY large and peculiarly shaped pearls are often employed by skilled jewelers to make figures. The "Green Vault" in Dresden has much of this work, made by the famous Dinglinger, court goldsmith to the Saxon Elector, King August II. of Poland. The most interesting of these treasures, some of which are illustrated on the front cover, is the figure of a dancing clown, playing with a turnspit on a gridiron. The body is made of a single pearl, the head and limbs of gold and enamel. The clown has a belt set with diamonds, and diamond buttons, and is standing upon a pedestal upon whose sides are representations of Silenus and Bacchantes in enamel. Another figure, also made of one pearl, is that of the Spanish court jester of King Stanislaus Leszinski; and there is one of a drunken vintager, very odd in design, but finely executed.



SNAKE CHARMER FORMED OF DOUBLE BAROQUE PEARLS BY ALFRED DRAGSEN, COPENHAGEN.

Danish jewelers have done similar work. In the chronological collection of the kings of Denmark, in the castle of Rosenborg, in Copenhagen, are several figures made of enormous pearls, such as dragon mermaids, a fish, a bird and a swan with wings set with diamonds, sitting upon eggs in a golden basket. On King Frederick VII.'s writing desk, in this museum, stands the figure of a skater, made of a baroque pearl. This piece was executed by the jeweler Diederichsen, who, in 1858, took part in the appraisal of this collection. It was made for the king, who, however, died before he had paid for it, and in 1865 Diederichsen presented it to the museum.

The court jeweler, Alfred Dragsen, in Copenhagen, has just completed a beautiful and costly piece of work of this kind to celebrate his 50th anniversary. The figure, which is illustrated herewith, is nearly four inches high, and represents a female snake charmer. Half of the immense double pearl forms the upper part of the body, and the other half the lower part; the head,

arms and legs below the knees are of gold.

The enchantress has a head band set with diamonds, a ruby necklace, and earrings and garters ornamented with rubies; a red enameled girdle set with pearls and hung with trinkets, and anklets of gold with black pearls. She is playing on a flute, held in the right hand, to charm the serpent twined around her body, and grasped with the left hand. The figure is set upon an Oriental rug made of bright enamel.

ELSIE BEE'S FASHIONS.

NOVELTIES SEEN IN A LADY'S RAMBLES AMONG THE JEWELERS.

EXTREMELY attractive is one of the new long neck chains composed of small moonstone hearts narrowly rimmed in gold and connected somewhat closely with flat links of the same yellow gold.

*

The richest of simple narrow bands display a style that shows squares partly open, and in fancy figures in diamond work, that is to be worn at the bottom of a stock.

*

The most select new designs show a number of large diamonds as important centers in rather open figures, which exploit a commingling of the close and open style in large triangular brooches and ornaments, with magnificent effect.

*

Applicable to different uses, in adding finishing touches to an evening gown, is a taking ornament in the shape of a graceful leaf formed of large green tourmalines. The veins and edges, being in lines of diamonds, add to the charm.

*

This is the season for grape designs, in one form or another, and the *motif* is applied in a quite unusual way in ornamenting a small gold watch. The diamonds, arranged as a bunch of the fruit in relief, are so manipulated as to produce a naturalistic effect that is decidedly unique.

*

More convenient than the flat style in gold and silver purses is a model now shown with bulging sides, or rather, perhaps, sides that curve outward to meet the somewhat curved bottom, that is about a couple of inches wide. Any shopper with a neat roll of bills will appreciate the latter style. The cases are handsomely ornamented in very fine patterns.

*

Moonstones are displayed in some very *chic* designs. They attain favor not only as being symbolical of good luck, but also by reason of harmonizing most effectively with any of the various colors now used in smart costumes, as well as with the daintiest of white toilettes. Of this order is a charming heart-shaped moonstone brooch, about an inch across, that is richly framed in rather an open design beautifully worked out in round pearls.

ELSIE BEE.

Fifteen watch chains and a number of bracelets, valued in all at about $100, were stolen one day last week from the show case in front of the store of J. H. Schwegler, Detroit, Mich.

Schedules for Jewelry and Kindred Lines in the New Tariff of Roumania.

WASHINGTON, D. C., Sept. 14.—The new tariff for Roumania is very comprehensive That country has already adopted the metric system of weights and measures. The following are among its many provisions:

Small articles of fine leather, $50 per 100 kilos.
Similar articles combined with fine materials and precious stones, $100 per 100 kilos.
Mother of pearl in the rough and rough coral, 2c. per kilo.
Tortoise shells, 2c. per kilo.
Articles of ivory, tortoise shell, mother of pearl and other shells, simply turned, without carving or chasing, $4 per kilo.
Imitations of same, $4 per kilo.
The same, carved or chased, $5 per kilo.
Coral waste in the rough, coral waste pounded, red coral, $8 per kilo.
Articles of marble, alabaster, porphyry, serpentine, onyx, agate, rock crystal, garnet, jet, tourmaline and other high-class stones, $40 per 100 kilos.
The same, combined with gold and silver, the article being of stone and other ornamentation only of gold and silver, $80 per 100 kilos.
Rock crystal, agate, garnets, onyx, jasper, tourmaline, jet, malachite, amethyst, topaz and other stones not specially mentioned in the rough, $10 per 100 kilos.
Fine wrought stones for jewelers, such as garnets, amethysts, agates, topazes, tourmalines, jet and other fine stones, except precious stones, also coral and cameos, $2 per kilo.
Small garnets, fragments, $6 per 100 kilos.
Precious stones, such as diamonds, rubies, emeralds, opals, sapphires, cat's-eyes, turquoises, in the rough, not worked, $20 per 100 kilos.
Precious stones, such as diamonds, rubies, emeralds, opals, sapphires, turquoises, cats-eyes and other similar stones, and fine pearls, $4 per kilo.
Imitations of fine and precious stones are dutiable as real stones.
Articles of meerschaum, real or imitation, turned or carved, not combined with amber or other fine materials, $60 per 100 kilos.
The same, combined with amber or other fine materials, $100 per 100 kilos.
Enamel and glass in the lump, in pieces, in powder or in waste, 40c. per 100 kilos.
Bottles, glasses, decanters, water bottles, jars, vases and other glass articles of every kind, ground, polished, enameled, cut, engraved with emery or by acid, even ornamented with designs, colored, gilt, silvered, etc., $14 per 100 kilos.
Art glass ware in the form of "articles de luxe," such as lusters, candelabra, etc., $30 per 100 kilos.
Articles of glass combined with fine materials, $40 per 100 kilos.
Optical and watch glasses, ground or polished, unmounted, $30 per 100 kilos.
Spectacles of all kinds, mounted on metal and common materials, 80c. per kilo; mounted on aluminum, tortoise shell, ivory, mother of pearl or silver, $4 per kilo; mounted on silver, gilt or on gold, $10 per kilo.
Opera glasses, lorgnettes and binoculars for other purposes, of metal and common materials, 80c. per kilo; of aluminum, tortoise shell, ivory, mother of pearl or silver, $5 per kilo; of gilt or gold, $12 per kilo.
Optical instruments, instruments of precision, instruments for observation, physics and others not specially mentioned for educational or professional uses, including photographic apparatus, 10c. per kilo.
Artificial eyes of enamel, $70 per 100 kilos.
Amber of all kinds, not worked, 40c. per kilo.
Articles of amber, combined or not with other materials, $4 per kilo.
Imitations of amber are treated as real amber.
Amber waste, $2 per 100 kilos.
Chains of iron for watches, keys, pince-nez and other pocket articles and articles of adornment, even nickeled, silvered or gilt, $40 per 100 kilos.
Art works of iron, articles for table or toilet, brooches, buckles, accessories for spectacles, and all small articles of iron employed in correspondence, toilet and adornment, even combined with other materials, polished, nickeled, silvered or gilt, $30 per 100 kilos.
Cutlery, mounted on ivory, tortoise shell, mother of pearl, silvered or gilt metal, $50 per 100 kilos.
Same, mounted on silver or gold, $50 per 100 kilos.
Side arms and their accessories, such as scabbards, hilts, etc., $16 per 100 kilos.
The same, silvered or gilt, $24 per 100 kilos.
Writing pens, silvered or gilt, $32 per 100 kilos.
Small wares of aluminum, combined with silk, ivory, mother of pearl, tortoise shell, silver, gold, $60 per 100 kilos.
Work of art, for office or table use, small figures, knick-knacks, of nickel, combined or not with other materials, $60 per 100 kilos.
The same, silvered, gilt or combined with silver or gold, $70 per 100 kilos.
The same, of copper, nickeled, silvered or gilt $40 per 100 kilos.
Silver, prepared for use in silversmiths' work, imported in plate of one-half millimeter or more in thickness, or in rolled bars, 40c. per kilo.
Silverware and articles of silver not specially mentioned, $5.60 per kilo.
The same, partly or wholly gilt, $6 per kilo.
Gold, prepared for use in goldsmiths' or jewelers' work, and imported in plates or in rolled bars of any thickness, $2 per kilo.
Articles of gold, not specially mentioned, for whatever use, $6 per kilo.
Platinum, iridium, osmium, palladium, rhodium and ruthenium are treated as gold.
Jewelry of gold or platinum, with or without imitation of fine stones, or silvered or gilt, $1.60 per kilo.
Jewelry of common metal, plated with silver or gold, and combined or not with imitation of precious stones, $3.20 per kilo.
Jewelry of silver, even combined with precious stones, $8 per kilo.
The same, gilt or plated with gold, $12 per kilo.
Jewelry of gold or platinum, with or without precious stones, $20 per kilo.
Decorations of orders and medals are tariffed as jewelry according to the metals of which they are composed.
Coins of any kind of metal legally current in Roumania, free.
Coins not legally current in Roumania, prohibited.
Same, not legally current Roumania, but imported perforated as ornaments for necklaces, $1.60 per kilo.
The same, silvered or gilt, prohibited.
Silver coins not legally current in Roumania, but imported perforated as ornaments, $8 per kilo.
The same, gilt, prohibited.
Gold coins, not legally current in Roumania, but imported perforated as ornaments, $20 per 100 kilos.
Imitations of coins, modern or ancient, legally current in any country, or having been legally current in the past, prohibited.
Large clocks for churches and buildings, and their parts, $10 per 100 kilos.
Wall and table clocks and their parts, plain, of common materials, without figures and not chiseled, $30 per 100 kilos; of common materials, ornamented with carvings, figures, incrustations, etc., $40 per 100 kilos; mounted on fine materials, $70 per 100 kilos.
Watches, with case of common material, 20c. each; with case of aluminum, nickel, silvered metal or silver, 50c. each; with case of silver, gilt or of gold, even combined with fine stones, $1.20 each.
Works, complete, for watches, 17c. each.
Parts and accessories of watches: Of common materials, $1 per kilogram; of aluminum, nickel, silvered metal or silver, $1.50 per kilo; of silver gilt, $1.50 per kilo; of gold, $20 per kilo.

On jewelry, clocks, etc., net weight is understood and is the weight of the goods without any coverings whatever.

Herbert Van Patton and F. E. Van Patton have formed a partnership in the jewelry and optical business at 281 Chestnut St., Meadville, Pa., and have just refitted their store with new furniture, electric signs, etc. The firm name is now Van Patton Bros.

J. T. Fritts, Monday, purchased the business of Robert G. Higgins, who for the past two years has conducted a store at Flemington, N. J. Mr. Fritts was in New York Monday purchasing stock for his new venture.

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A Notable Tribute to Hon. E. B. Vreeland.

Congressman who Introduced the National Stamping Law Thanked by Leading Jewelry Manufacturers at a Banquet in His Honor, Tendered by The Jewelers' Circular-Weekly.

HON. E. B. VREELAND, of Salamanca, N. Y., who introduced and forced the passage of the First National Stamping Law, was thanked formally and officially for the great work which he had done for the jewelry trade Wednesday evening last at a banquet given to him and to the members of the committees from the three great manufacturing jewelry centers which had charge of looking after the interest of the jewelry trade, in perfecting the measure inaugurated by this journal.

The banquet, which was held at the Hardware Club, was given by THE CIRCULAR-WEEKLY in Mr. Vreeland's honor, and it was a gathering of the most prominent men in every line of the jewelry and kindred trades, as well as representatives of all elements of the trade. Though Mr. Vreeland had come in contact with some of the members of this committee during the fight in Congress, he did not meet many of them, and the banquet was for the purpose of affording the opportunity of these representatives of the manufacturing centers to meet socially and thank personally the Congressman for his great work in behalf of the industry, and tell him how it was appreciated throughout the length and breadth of the land.

At the dinner all the leading organizations were represented—the Jewelers Board of Trade by its president and several directors; the Jewelers Security Alliance, the Jewelers' League, the Twenty-four Karat Club, and the Manufacturing Jewelers' Association of Newark by their presidents, and the New England Mfg. Jewelers' & Silversmiths' Association by one of its directors and most prominent members. In all of the speeches Mr. Vreeland was not only thanked heartily for the work he had done, but the members vied with each other in expressing their appreciation of the intelligent and efficacious way he had looked after their interests from the start to the finish.

Invitations had been sent to members of the joint committee representing organizations of jewelry manufacturers and wholesale dealers in New York, Providence and Newark and to several gentlemen who have been especially active in past years in advocating such a law as has now been placed upon the statute books.

The guests assembled about 7 P. M. in one of the beautiful smoking rooms of the club, and after a social chat of a few minutes proceeded to the private room in which the dinner was held.

The diners formed a circle at a round table, at the head of which sat the host, V. S. Mulford, with Mr. Vreeland at his right. The center of the table was banked with masses of flowers and foliage. As those present had met frequently and familiarly in committee while assisting in the preparation of the stamping law and afterward in facilitating its passage, the assemblage at once assumed an easy, social tone. The menu and the service were in keeping with the high standard prevailing at this club.

As the purpose of the dinner was to give expression to jewelers' appreciation of the work which Mr. Vreeland performed in behalf of a measure in which the trade has exhibited widespread interest, it was not intended that there should be anything formal in the remarks that were made. The speakers, although called on without preparation to testify to the high place in their regard which Mr. Vreeland has won, spoke in a vein which will be of general interest in the trade. On his part Mr. Vreeland paid a notable tribute to the sense of honor of the men in the trade who are, as he declared, pioneers in a movement that will make for greater uprightness and honesty in commercial life. The several speakers made numerous complimentary references to the part taken by THE CIRCULAR-WEEKLY in promoting, from the beginning, the interests of the bill.



HON. E. B. VREELAND.

When coffee and cigars were reached T. Edgar Willson, editor of this publication, as toastmaster, called upon Hiram A. Bliss, chairman of the joint committee, to welcome the guest of the evening. Mr. Willson said:

REMARKS OF MR. WILLSON.

Gentlemen of the Jewelry Trade and Our Honored Guest—It is needless to speak of the distinct pleasure it affords me to welcome you here tonight on behalf of THE JEWELERS' CIRCULAR-WEEKLY, and to express how gratified we all feel in having this opportunity to meet and thank personally the man, who, a few months ago, wrested from Congress the legislation which has been desired by the jewelry trade of the United States for fully a century. I think I am not exaggerating when I state that from the time the jewelry trade became a factor in the commercial world of this country, calls for a measure such as Mr. Vreeland introduced and obtained from Congress have been heard in every generation. Looking over the files of THE JEWELERS' CIRCULAR of the early 70's a short time ago, my attention was arrested by an article, "Jewelers Want a Federal Stamping Law." This described a movement for a bill such as we now have and referred to a previous movement of the kind in the trade. But though as a trade and industry we have made our wants known from time to time, and "resoluted" officially through our organizations, we were as far from obtaining our object until Mr. Vreeland threw himself into the fight.

As early as January, 1814, a stamping act was passed by the State of Maryland, but practically nothing in the way of legislation was accomplished until the silver laws of Massachusetts and New York were passed in 1893 and 1894. What little hope we had of obtaining any relief by federal legislation is shown from the fact that no attempt to get Congress interested in the movement was made from the time that Mr. Cummings' bill was introduced into Congress in May, 1894, up until the beginning of the present movement which led to the passage of the act bearing Mr. Vreeland's name.

To you, gentlemen of the committee, the history of the present bill is well known, and you, as jewelers, are in a far better position to speak of the necessity for the legislation in question and the great good that the trade expects from this enactment than I; therefore, it would be more appropriate that the thanks of the trade to Mr. Vreeland be expressed by a practical member of the jewelry trade, and I will call upon Mr. Bliss, the active chairman of the committee, who played such an important part in its work and deliberation, to express our gratitude to Mr. Vreeland.

Hiram A. Bliss, the chairman of the Joint Committee, then arose amid applause and said:

SPEECH OF HIRAM A. BLISS.

Mr. Chairman and Gentlemen—We are here this evening on the invitation of THE JEWELERS' CIRCULAR-WEEKLY to meet socially and to express our appreciation of the valued services rendered to the goldsmiths and silversmiths and to the people of the United States by our distinguished guest, the Hon. E. B. Vreeland. The national stamping law, enacted as a result, in large part, of his efforts, not only provides that gold and silverware made in the United States must bear no mark that is not truthful, but it also regulates the sale of imported wares in similar lines and to a similar extent. A manufacturer is not compelled under this law to stamp his wares, but if he does place a mark of quality that mark must be honest. The purchaser may, therefore, be assured that he is not being defrauded by dishonest tradesmen or manufacturers.

The public will quickly become educated, through the efforts of honest tradesmen and of the press, to look for quality marks when buying wares made of precious metals. The law will inspire confidence in our gold and silverwares, both at home and abroad. Having enjoyed the honor of being the chairman of the New York committee organized to obtain national legislation on stamping, I have had direct opportunities of knowing the vast amount of work that has been performed by Mr. Vreeland in drawing his bill and in urging its adoption.

When the special committee, of which I was a member, went to attend the hearing before the interstate commerce committee, we heard Representative Vreeland deliver his able and convincing speech in behalf of the bill. What he said inspired us with confidence, and we felt that he had stated all the facts. We felt then and we feel now under the greatest obligation to him for his labors in behalf of honesty in this trade.

As chairman of the New York committee I am glad to have the opportunity of expressing to Mr. Vreeland the gratitude which we all feel; also our sentiments toward THE JEWELERS' CIRCULAR-WEEKLY, which worked faithfully in interesting the trade and in getting support for this important and highly desirable law. I say to the publishers of this publication that we all recognize its merits and shall continue to hold in high regard a paper which does so much for the jewelry trade. We all wish for this paper a continuance of its deserved prosperity, deserved because of the useful and honored position which it fills in trade journalism.

Mr. Vreeland arose in response to the welcoming address, speaking at some length and with much vigor on some aspects of the new law and broadly on honesty in business life. He was frequently applauded and clearly had the hearty sympathy in all that he said of those present. Mr. Vree-

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Oppenheimer Bros. & Veith,

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3 MAIDEN LANE, NEW YORK.

DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

land's remarks were in part as follows:

SPEECH OF HON. E. B. VREELAND.

I really feel quite at home in this assembly of gentlemen engaged in the jewelry trade, either as manufacturers or merchants. I may say, in fact, that I feel at home among business men generally. Perhaps I should say that I am one of those who has seen better days. Before engaging in politics I was a respectable business man, the president of a Board of Trade, the president of a bank but that was "before the fall." Because of the old association I still feel at home among business men and appreciate very much the opportunity which THE JEWELERS' CIRCULAR-WEEKLY has given me of meeting you. If my efforts in passing legislation have proved useful or beneficial to any extent, the knowledge of this will be a source of satisfaction to me.

Sometimes I am at a loss to understand what I am getting out of my political career. When I figure up at the end of the year I find that there has been no gain financially. I find that I have paid out, in connection with holding office, more than Uncle Sam has given me back. So I have tried to reach some conclusion as to why I should stay in politics. I can think of nothing unless it is that in this great republic in which the people make their own laws I may take some humble part in framing useful legislation, and may be able to hand down this idea to my boys and girls. If they can know that I took part in the framing of useful laws, that somewhere on the statutes of the country there is the imprint of my work, that is perhaps as much of a reward as I may expect.

We are celebrating the passage of a stamping law. I believe it is an important piece of legislation in its prospective effects, not only on the home trade, but on foreign commerce. Some of you may be curious to know why a member of Congress from a district where they make cheese, furniture, locomotives and hay, but no jewelry, introduced this measure. We have no gold in our district except a little gold in reserve in the banks. So I will state how I came to take an interest in this kind of legis'ation.

A newspaper friend of mine, A. L. Sackett, came to me one day and said that he was interested in getting a law passed in relation to the "U. S. Assay" mark. He showed me watch cases and other articles bearing that mark. I looked at the mark and thought about it. It seemed to me that this mark gave the impression of the Government being back of it. Somehow, in looking at an article so stamped, one would get the idea that the mark was authorized by Uncle Sam, and so the article must be as represented. I learned, however, that this mark could be used by any Tom, Dick or Harry, and that the Government had nothing to do with it. Then I introduced a bill to prevent the use of such a stamp indicating that the Government guaranteed its correctness.

While this bill was pending several gentlemen from New York came to see me and spoke about widening the scope of the bill in such a manner as to prohibit any false marks on gold or silverware. I declined to do so at that time because I did not think it was advisable to add so large a rider upon a little stamp bill, fearing it would defeat both. But I began to think about the broader measure advocated by you gentlemen. I broke up watch cases, spoons and things of that sort, and had them tested, and the conclusion came to me that a vast amount of goods, seemingly made of gold and silver, would not stand the quality test. I learned that multitudes of people were being deceived in this country when they purchased articles made of gold and silver.

I visited the factories in Providence. They make articles of jewelry in Providence; that is, they make all kinds of goods there. A statement by a manufacturer greatly impressed me. He said that he had recently received an order to make a very large quantity of rings of 10-karat gold and to put the stamp of 18 karats upon them. He told me that such an order was not uncommon, and if he did not fill it he would simply lose the business and some other manufacturer would get it. This man said that his father and grandfather ran the business before him, and that either of them would have cut off his finger before he would put a spurious mark upon any article made in his factory. This man told me that he was obliged to place false marks on his product in order to keep up with the competition of the trade.

We must realize that your business is peculiar. The farmer cannot cheat you on a cord of wood, because the goods speak for themselves. He cannot cheat you on a barrel of apples if you look at the apples. Of course, if you do not look at them the good ones may be all on top. You remember the story of the farmer, who, when a customer complained to him that his apples were good on top, but grew worse all the way down, said that the buyer had opened the wrong end of the barrel; that if he had opened the other end the apples would have grown better all the way to the bottom. If a tailor guarantees to you that your suit of clothes is all wool there is not much danger of your being cheated, because within a few weeks or months at the most you will know the truth. So it is with nearly all of the great quantities of merchandise loading down the trains on their way to market. They can be accurately tested when received or they will tell their own story in a short time.

But it is not so with articles made of gold and silver. Retailers can really tell little about the article which they obtain from a manufacturer, and the public knows nothing. The articles may be guaranteed as gold and silver and may seem to be so for years before it is discovered that they are not what they seem. By that time usually all chance of reparation is gone. There is tremendous temptation for fraud in this kind of business.

The manufacturing jeweler gives a customer the price of a certain article. Another manufacturer offers a lower price for what seems to be the same article, but from which a little in the value has been taken out. So the prices are hammered down and the quality is hammered down also. Reputable men find that they must fall in and make cheaper goods or else retire from the business. We must give due consideration to the force that has been applied to those manufacturers who, under tremendous competition, have marked goods as of a higher value than they actually are. The department stores of the country have done much to develop this kind of business. I consider it a wonderful tribute to the American business man that the great jewelry interests of this country, at the first opportunity, have agreed upon a bill so honest and honorable as the one whose passage we are celebrating to-night. We hear much talk that graft is widespread among the business interests of our country, but hereafter nobody can make me believe that American business men are not ready and willing to adopt and maintain honest business methods.

This bill goes further in the direction of honest dealing than I thought it would be possible to get the consent of all the trade to go. A year ago no one could have made me believe that it would be possible to get the united action of all of the jewelry interests of this country in favor of the enaction of so good a law. It was your action which made it possible to pass this law at all and to have it enacted, not only in one Congress, but in one session of Congress. Mr. Crawford and myself in studying over this bill were in thorough accord on the principles of the measure except as to one point, and that was the term of imprisonment provided as a penalty. Mr. Crawford wanted the penalty, in addition to the fine, to be three months in jail (laughter). I wanted it to be six. Mr. Crawford said his clients could afford to be away from their business three months, but could not afford to be away for six months (continued laughter). I accepted this view of the matter and let it go at three months.

This is the first measure adopted purely for the regulation of commerce since our Government was established. The jewelers have taken the pioneer step. The lottery bill was passed as a matter of public policy and public morals. The pure food bill was enacted upon the ground of the public health. The railroad rate bill regulates the tools and instruments of commerce, but not commerce



GUESTS AT THE BANQUET IN HONOR OF HON. E. B. VREELAND.

1. Hon. E. B. Vreeland. 2. V. S. Mulford. 3. Fredk. H. Larter. 4. Hon. Julius Lebkuecher. 5. G. R. Howe. 6. Ludwig Nissen. 7. N. B. Barton. 8. James Appleton. 9. Geo. W. Street. 10. R. W. Adams. 11. F. A. McGill. 12. Col. John L. Shepherd. 13. F. L. Crawford. 14. Leo Wormser. 15. Geo. E. Fahys. 16. A. K. Sloan. 17. Hiram A. Bliss. 18. T. Edgar Willson.

American Energy

AND PUSH OF OUR BUYERS ABROAD HAVE RESULTED IN LARGE SHIPMENTS OF EXCEEDINGLY FINE AND MEDIUM QUALITIES OF THE FOLLOWING GOODS:

Oriental Baroque Pearls
Round and Bouton Pearls
Round Tinted Pearls
Half Pearls
Round Cut Rubies
Emeralds and Sapphires
Aquamarines and Peridots

WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

L. Heller & Son

Importers of Precious and Imitation Stones.

New York, 51 Maiden Lane Providence, 212 Union St. Paris, 39 Rue de Chateaudun Idar, 14 Hauptstrasse

GEORGE H. HODENPYL. WALTER N. WALKER.

DIAMONDS

AND

DIAMOND JEWELRY

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Unique and Staple Patterns

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Corner of Maiden Lane

TELEPHONE, 1898 CORTLAND

Repairing and Recutting Diamonds a Specialty.

DIAMONDS

WE ARE NOW SHOWING, IN ORIGINAL LOTS, AN EXCEPTIONALLY LARGE STOCK OF

DIAMONDS

which will interest large dealers.

CYRUS PRICE & CO.

Importers and Cutters of Diamonds

170 Broadway, Broadway-Maiden Lane Building, New York

DIAMONDS

A. ROSEMAN, 9-11-13 Maiden Lane, New York

IMPORTER OF

DIAMONDS

Maker of Diamond Jewelry

TRADE-MARK.

Established 1872

HEADQUARTERS FOR

AMERICAN WATCHES

JACOB BASCHKOPF,

DIAMOND SETTER,

LETTER AND MONOGRAM

ENGRAVER,

9-13 MAIDEN LANE,

Room 701 Jewelers' Bldg. NEW YORK.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, **$3.00.** The Jewelers' Circular Publishing Co., 11 John St., New York.

itself. So it remained for the jewelry trade of the country to be the first in getting upon the federal statute books a bill regulating the production of articles made of gold and silver—a bill tending towards honest methods in that line of business. It is a great credit to the jewelry trade of the country to have brought this about. I am very happy to have been associated with you in such an enterprise.

So, as I have said, if I may hope to transmit to my children the knowledge that I took a moderate part in promoting beneficial legislation, I ask if this same principle does not apply to yourselves? You have put your shoulders to the wheel; you have assisted in passing legislation whose influence will be mighty and widespread; you have helped to advance the trade, both domestic and forcign, in which you are interested to a higher plane. I put to you the question: If, in looking over the life records which you are making, is this not more to your credit than building an addition to your factory or paying an additional per cent. upon your stock? In reckoning up the value of our life work will we not receive greatest credit for that which we do for the benefit of others, for the benefit of humanity? We all wish our lives considered as successful, but there are various views as to what the word means. What is a successful life? Is it to get rich? I do not believe that the acquiring of riches necessarily means that a man's life is successful. Any man of ordinary intelligence who is spared the allotted three score and 10 years can acquire riches. Let him save every cent and pile cent upon cent and dollar upon dollar; let him be unscrupulous as to how he acquires wealth and know when to keep out of the clutches of the law; let him be mean and stingy and niggardly with himself and every one dependent upon him, and if he has his health and lives to be 70 years old, wealth will come as surely as disease, disappointment and death, and the fortune that he has made will probably be an apple of discord among his heirs. I do not mean by this description men who have an honorable ambition to build up a business and to acquire a competence for themselves and their children, but I do mean those who believe that there is nothing in this world hut the acquisition of dollars.

Does success mean the holding of high office? That depends on how the duties of the office are fulfilled. The office may bring honor and distinction or it may bring disgrace. I will give you two examples of what I mean. In the darkest hour of the rebellion Abraham Lincoln, of blessed memory, told the members of his Cabinet that 500,000 more men were needed for the Union army. They said to him that if he called for that number of additional troops at that time he would be defeated for re-election. Lincoln replied that it was not necessary for the preservation of the country that he should be re-elected, but that it was necessary to save a nation's life to have that additional number of men. He called for the men, and with the fresh troops the tide of battle turned, the life of the nation was preserved and his name and memory will be honored through all the ages. Compare that record with the story of the United States Senator who was convicted last Winter in his own State of accepting a bribe and who died of a broken heart within six months.

I sometimes think that the successful lives recorded in the great book of life may differ from the standard of success which the world sets up. I believe that there are hundreds of thousands of men and women whose stories we have never heard, whose names are never seen in print, yet whose lives will be recorded as highly successful. To be public spirited and charitable in the communities where we live, to make the world better for our having lived in it, that is success. The father and mother painfully toiling and saving that their children may be educated; the brother battling with the world in support of his mother and sisters; the engineer who sticks to his engine and puts on the air brake and saves the lives committed to his care, that is success. To try to do something for humanity; to stretch out a hand when we can to the unfortunates along the path of life; to be courageous, honorable and truthful, that is success.

So I say that the efforts which you gentlemen have made to enact this legislation was more to your credit than the building of a large addition to your factory. You have done something for humanity. You have done something to make the world better for your having lived in it. You have helped to put the business in which you are engaged upon a higher plane. The influence of your efforts will be felt for centuries to come. Your children will honor you for the part which you have taken in passing this law. You have given to the world a higher opinion of the American business man. You have shown by your action, as I believe that any body of American business men would, your willingness for better and honester methods.

I am one of those who believe that the world is getting better. That with all the talk about graft to-day, it is yet a far cry back to the days when J. Gould and others of his type were making money by wrecking railroads. To-day railroad men are making money by building up the best system of railroads in the world. I am an optimist. I believe that there is more of morality and Christian charity in the world to-day than ever before. I believe the improvement and civilization of our race have gone on steadily from the time when our ancestors dwelt in caves, clad in the skins of wild beasts and killed their food with clubs. I believe the business methods to-day are honester than ever before because, even in my lifetime, I can see marked improvement. So I hope we will continue going forward to better and honester methods and the laws whose enactment we celebrate to-night will be followed by others tending toward the same ends, honesty and honor in business.

The toastmaster now called attention to the absence of one of the guests who had been expected, the Hon. Jas. S. Sherman, chairman of the Republican Congressional Committee. "We deeply regret," said Mr. Willson, "that we have not with us to night Mr. Sherman, to whose aid was due much of the success in getting the bill through the Interstate Committee. Mr. Sherman accepted our invitation, but at the last minute was called to Washington on most important business, and has written a letter." The letter was then read, as follows:

NEW YORK, Sept. 11, 1906.

V. S. Mulford, The Jewelers' Circular Publishing Co., New York:

My Dear Mr. Mulford—The worst is confirmed. I told you over the 'phone, yesterday, that I had been called to Washington to be there Wednesday, but I thought I could get away in time to return on the one o'clock train, and arrive at the dinner just a little bit late. To-day I get word of a situation which will keep me in Washington at least until midnight on Wednesday, and perhaps until that time on Thursday. This necessitates my absence from the jewelers' dinner, to which you so cordially and politely invited me. I regret this exceedingly. I would like very much to join you in doing honor to Representative Vreeland, who has been the introducer of legislation looking to the enactment of measures which your association so vigorously espoused. I want to thank you for the cordiality of your invitation, and to express my sincere regret at the condition of affairs which prevents my being present, and beg that you excuse me for, at this late hour, withdrawing my acceptance. I think that you will realize that in the midst of an important campaign, conditions are apt to arise, just as they have in this case, which compel one to sacrifice personal desires for public good. Very sincerely yours, J. S. SHERMAN.

"We have with us to-night," said the toastmaster, "the president of the greatest organization in the jewelry trade, and I think he can appropriately voice the sentiments of the trade in speaking of the effects that the bill will have."

F. H. Larter, president of the Jewelers Board of Trade, New York, then spoke, saying:

ADDRESS OF FREDERICK H. LARTER.

Mr. Chairman and Gentlemen—I am glad that on calling me forth on this occasion our toastmaster did not introduce me as one to respond to the able and interesting address that has just been delivered by our representative, Mr. Vreeland, guest of honor of the evening.

This I am sure I am not competent to do. I feel somewhat that I am the victim of overconfidence. This confident feeling on the part of our toastmaster as to my ability to speak upon such short notice as I have had is based upon the well-known fact that editors, reporters and newspaper men generally have stored up in their brain cells thoughts either beautiful or practical, and you simply have to turn the spiggot and they flow forth at the ends of their fingers and become interesting and profitable matter in the columns of our publications.

If this notification had come to me at an earlier hour I might have to-day, while enjoying a long drive over the splendid roads of New Jersey, received some inspiration in gazing upon the fields of golden rod that I passed upon every hand. I can say that I appreciate highly the privilege and honor of being the guest upon this occasion and the privilege of joining with you in paying respect to the representative of our general government, who is present this evening.

I have been especially pleased with that part of the honored gentleman's address in which he set before our minds thoughts based upon the question—what is success? I am sure that he has made it very plain to all that there is something besides dollars worth striving for, and something besides the accumulation of wealth to be taken as a standard or evidence of success in living.

I am pleased to speak this evening as the president of the largest trade organization in existence: a body having a membership of 500 corporations, firms and individuals in the jewelry business and kindred branches, representing without a doubt at least 800 individuals, having an invested capital in business of millions of dollars, with a product of millions upon millions. When I express my appreciation of the work in securing the enactment of the National Stamping Law, I believe I am voicing the sentiment of the entire membership of the Jewelers Board of Trade.

We have certainly secured a good bill, and yet in my opinion there needs very much to be done in order to reap the advantages of this legislation. The benefits are to come by the education of the consumer to look for and require the quality stamp upon the goods that are produced in the jewelry and silversmith trades, and to this end there is much for THE JEWELERS' CIRCULAR-WEEKLY to do, not in presenting the matter in its own columns only, but in securing the endorsement and support of publications generally looking to this end.

In the making of laws there is no end. I regret exceedingly that there is any necessity for so much law, and as I have thought of the matter I have had some chagrin that there should be any necessity for the enactment of a law to compel or induce the manufacturing jeweler to put more or better gold in his product. One of the first requisites of our business is honesty, even in the employment of our boys, who must have an established character of honesty. A boy may not be brilliant or educated, but he must be honest. So throughout every position in all departments of our trade we look for and expect this characteristic in all whom we employ. Therefore the making of laws compelling the employer or proprietor to take the position of honesty and fair dealing strikes me as somewhat humiliating.

It would also seem that it ought to be quite unnecessary to compel by law the manufacture of goods up to standard in these times of great prosperity, when the demand is for better goods and more valuable goods of finer quality and heavier stock.

The experience on the part of those who devote themselves to the making of the better grade of goods is that they cannot get sufficient metal in weight and fineness in their product to satisfy the demand of the trade. The great abundance of gold and its slowly decreasing value is gradually but surely making that metal less appreciated and valued, and we will soon have to be casting about to find something in the way of metal that will carry with it the value, without the necessity of undue weight and bulkiness. It may be platinum, though this is not a beautiful metal and not easily to be worked.

And now, Mr. Chairman, I have said much more than I really thought I ought to say, and will close by again expressing my appreciation of the privilege of participating in this splendid dinner provided by THE JEWELERS' CIRCULAR-WEEKLY in honor of Representative Vreeland and given in expression of appreciation of all that has been done to bring to pass this law a law that ought to result in great good for all those that are engaged in our line of trade.

The toastmaster then read a number of letters, after saying: "It is also a matter of regret that several other members of the trade, prominently identified in the stamping movement, have found themselves unable to be present. One of these men is John C. Dueber, of Canton, O., to whom the trade is indebted for getting Mr. Vreeland interested in the movement of legislation;

WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

Importers and Cutters of

DIAMONDS,

65 Nassau Street, Corner John, NEW YORK.

LONDON, Audrey House, Ely Place. AMSTERDAM, 6 Tulp Straat.

WHY

Do We Get So Many Fine Pearls?

(1) Because we know their value. (2) Because we pay the highest prices for them.

¶ We are always in the market for the purchase of any quantity of best quality

AMERICAN PEARLS

Send them to us by registered mail or express.
We will make you a liberal **Cash Offer** by return mail.

BUNDE & UPMEYER CO.,

Mack Block, MILWAUKEE, WIS.

another is Edward Holbrook, president of the Gorham Co., who for 15 years has worked strenuously and ardently to obtain laws which would eliminate unfair and dishonest competition in the jewelry and silverware trade. In fact, it was due wholly to Mr. Holbrook's efforts that the first statutes relating to silverware, now in force in various States, were enacted. It was he who had the first laws drawn and introduced in Massachusetts, Rhode Island and New York. This pioneer in the stamping legislation could not be present, but we received a letter from him."

Mr. Holbrook's letter was read as follows:

NEW YORK, Sept. 7, 1906.

V. S. Mulford, The Jewelers' Circular Publishing Co., New York:

My Dear Sir—I have your cordial invitation to attend the dinner that is to be given in honor of the Hon. E. B. Vreeland, on the 12th inst., and replying would say that I should esteem it a privilege and pleasure to attend this dinner, if circumstances were such that I could do this, but, as explained to your Mr. Willson, I am to be out of the city on that date to meet an engagement that is imperative. I hope the affair may be a great success, and I think it is a very graceful compliment to pay Mr. Vreeland and Mr. Sherman, through whose efforts we have succeeded in enacting the present national stamping law, which was important as supplementing the State laws that have heretofore been enacted by most of the States. I believe the national stamping act will prove the most important step that has ever been taken by the jewelry trade to insure the public, the legitimate manufacturers and dealers protection against fraudulent goods in both gold and silver, and such a law was needed to place the trade of this country on a par with that of other countries, where some form of legislation has been in existence in some nations for centuries, and in all nations a great many years. Thanking you again for your invitation, and regretting the impossibility of my acceptance, I remain,

Yours very truly, EDWARD HOLBROOK.

Frank L. Crawford, counsel of the joint committee, who drew THE CIRCULAR-WEEKLY's bill, was then called upon, and said:

ADDRESS OF F. L. CRAWFORD.

Mr. Chairman and Gentlemen—I thank you for the complimentary way in which you have chosen to speak of me, but I want to say that the success of this stamping bill and the almost unprecedented rapidity with which it passed congress were due very largely to several fortunate circumstances.

The first of these was the support which the bill received from THE JEWELERS' CIRCULAR-WEEKLY. For six months or more before the first public step was taken, this able and influential newspaper had advocated the passage of such a bill; had caused to be prepared a draft of a suitable bill, which it published; had labored earnestly and successfully to arouse interest in the subject in all the great jewelry centers.

So much is well known, but it is not generally known that before the first public mention of the subject in the columns of THE CIRCULAR-WEEKLY, representatives of that paper had worked for several months on the subject, examining the law and trying patiently and persistently by conference with prominent members of the trade to find out what sort of bill would meet the demands of the trade and would at the same time be possible of passage and practicable of enforcement, if passed. We were most fortunate then in having such an advocate.

The next fortunate circumstance was the time chosen for the introduction of the bill. Congress, during the last session, was chiefly occupied with questions relating to interstate commerce. Chief among these questions was, of course, the matter of the rate bill, but the pure food bill and other measures of the same sort were before both houses of congress, and the whole atmosphere in Washington was favorable to interstate commerce legislation. This helped to secure for us an early and appreciative hearing.

The most fortunate of all the circumstances to which I have referred was our having so excellent, able and reasonable a representative in Congress to handle the bill. I dwell on the word "reasonable," because in a somewhat extended experience with legislators, while I have frequently found them able, I have not always found them reasonable.

Mr. Vreeland is emphatically a reasonable man. Every suggestion which I made to him in regard to the form or the conduct of the bill was respectfully and patiently received—not always accepted, of course, but rejected, if at all, only after a hearing and for good reasons. He devoted a great amount of time to the subject, and that means a good deal, for Mr. Vreeland is a very busy man.

On one single day he gave me four hours of his time, during which we went over the bill, line by line, and almost word for word, I bringing to the discussion possibly more knowledge of the needs of the trade, but he bringing immensely more knowledge of what was desirable or possible in the form of legislation. We had a number of other very long sessions of the same sort, and I repeat that always Mr. Vreeland took the most reasonable views about all points that were raised.

From another standpoint we were fortunate in having Mr. Vreeland to represent us, for, in going about and talking, as I did, with a great number of representatives and a number of senators also, I found that Mr. Vreeland had the absolute confidence of his colleagues in the House, and also of the senators, and that it was only necessary to speak of the bill as the "Vreeland Bill" in order to receive a respectful hearing. This element played no small part in the successful and rapid passage of the bill through congress.

And now, before closing, let me say one thing which has long been on my mind to say. We hear much in the newspapers by way of disparagement of congress. Congressmen and senators are assailed not merely for alleged dishonesty, but on charges of inefficiency and idleness and incompetence. A considerable experience in meeting with and observing congressmen and senators, and in attending before them during the passage not merely of this but of other important bills through committees, has convinced me that these charges are substantially without foundation.

I have never seen more painstaking efforts made anywhere to get at the facts of a matter and to frame legislation properly and to pass beneficial legislation than I have seen in congressional committees, and there are no men who work harder anywhere than the prominent members of the two houses. We could not have asked a better or fairer hearing for our bill than we had before the interstate commerce committee of the house, and the same thing to my knowledge was true of many other bills that were considered in Washington during the last session. The present congress contains a large number of remarkably able men. I am sure that Mr. Vreeland will agree with me when I say that the discussion on the rate bill in the senate was worthy of the best traditions of that body, and the house did not compare unfavorably with the senate.

In closing, let me join with you all in thanking our honored guest for what he has done for the jewelry trade, and let me congratulate you all very heartily upon what has been accomplished.

"It is rather an unusual gathering in the jewelry trade," said the toastmaster, "at which Mr. Sloan, the first president of the Jewelers Board of Trade and the oldest living president of the old Jewelers' Association, has not sat at the head of the table, and I therefore call on this veteran of a hundred banquets."

A. K. Sloan, president of the Jewelers' Security Alliance, New York, in response to this call, said:

REMARKS OF MR. SLOAN.

After reading my invitation to this dinner, I supposed all I had to do would be to come here, shake hands with Mr. Vreeland and thank him for what he has done for us; then set down, eat and drink until I got loaded, then go home, tell my wife what a delightful time I had and let her put me to bed.

I have experienced all these things except being put to bed, and the Lord only knows how much easier it would be for me to go to sleep after such a delicious banquet than to try to speak.

However, I simply want to say that we feel that we have done a great thing in passing the National Stamping Law, not only for the manufacturer and retailer, but for the consumer of watches, jewelry and silverware. I mean by the consumer the people who "eat the goods."

I have been in the manufacturing business over 50 years, and am sure we have made jewelry enough to supply the whole country. Thousands of other manufacturers feel the same way, and still we are all hard at work making more. What does become of it unless people eat it, for you see so little of it worn?

How would a half-dozen nice fat American watches go for luncheon, with a few breastpins for desert? I wonder that Mr. Mulford did not think to give us some to-night.

We do highly appreciate what Mr. Vreeland has done for us in this matter, and thank him many times over. Also the thanks of the whole jewelry trade are due to THE JEWELERS' CIRCULAR-WEEKLY, for without it we never could have carried through this stamping law.

Ludwig Nissen, ex-president of the Jewelers' Association, who had been active in the movement for stamping legislation for many years, was then called upon.

SPEECH OF LUDWIG NISSEN.

Mr. Nissen, after a few humorous remarks and a few stories, said:

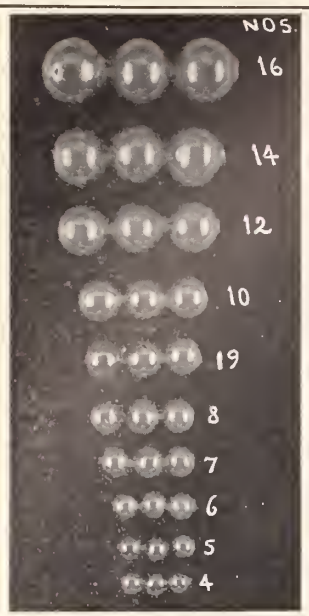
I wanted particularly to congratulate THE CIRCULAR-WEEKLY upon the result achieved in the undertaking which it had practically set on foot. It is true that a number of attempts had previously been made, even many years ago, to get some kind of a national stamping law, but always without effect. Within the last five or 10 years there have been a great many individual expressions favoring such a law, but it remained for the management of THE CIRCULAR-WEEKLY to consolidate and crystallize the thoughts and opinions of the best representatives of the trade into a bill prepared for submission to Congress for passage. Its fine diplomacy succeeded in bringing together all of the various interests of the trade; it was instrumental in having committees appointed from the different trade centers, thereby creating that harmony of action which is absolutely necessary for the accomplishment of any movement of this kind.

No one house actively engaged in business could have succeeded in accomplishing the result which we are celebrating to-night; if any one house had come forward with the advocacy of this bill, its competitors in the trade would probably have suspected that there was some personal axe to grind, or if not that, there would have crept in that spirit of jealousy which is at once the meanest and most damning characteristic of mankind, which has foiled and spoiled so many movements set on foot for the benefit of this trade as well as others, simply because they could not each get the credit of having initiated the movement.

In this case, however, we know where the responsibility for the initiative rests, and we ought to give due credit. The result accomplished is worthy of all praise; incidentally it proves the value of this trade paper which can assume the leadership in expressing trade opinion and the management of which knows enough to look after the interests of the trade, thereby gaining the absolute confidence of its patrons from whom it expects to derive its revenue.

I want also to congratulate the trade upon having had such an able, disinterested and loyal champion to father this bill in Congress as the gentleman in whose honor this dinner is given. There is a threadbare notion among many of our people that no legislator can be approached with a request for legislation unless such request comes well "greased"; it is therefore a very great pleasure to behold a man in a position of trust that can be trusted. Personally, I have never upheld that notion. As many of you know, I have in the past been what Mr. Vreeland pleases to call a public spirited citizen; I have been foolish enough to meddle in a great many affairs other than my own business in connection with which I have had frequent occasion to come in contact with legislative committees of nation, State and municipality; it has been my experience that a meritorious cause presented in such a way as to bear the marks of sincerity and to prove that there is no wish for personal aggrandizement behind it, will always receive due courtesy and considerate hearing before most legislative bodies. There is no doubt that every legislative body has what is called "a black horse cavalry," which will forage on anything within reach, and it is but just to the legislators in general to say that in my judgment the members composing that contingent in any legislative body are greatly in the minority, and more particularly so in our national body, where, as a rule, we send a higher order of representative to municipal and State legislatures.

I trust that Mr. Vreeland, who has so ably represented us, may by the votes of his constituents be long continued in the place of respon-



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Fish-Skin String Pearls

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A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
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sibility he now adorns. In conclusion I bespeak all honor and the glory of sincere appreciation on the part of all that have been benefited—the whole trade and general public, for all that have had any part in the passage of the first national stamping law—THE JEWELERS' CIRCULAR-WEEKLY—the committees—Mr. Vreeland, who so ably engineered the bill through both houses of Congress—and the gentleman whose signature was necessary to make the act a law, our noble President, Theodore Roosevelt.

The toastmaster said: "I know that there is never a time when Col. Shepherd is without an impromptu speech tucked somewhere in the pockets of his coat, and I think that after dropping the dinner in the slot we are justified in expecting this speech from the jewelry trade's veteran post prandial orator."

Col. John L. Shepherd, being thus called upon, said:

SPEECH OF COL. JOHN L. SHEPHERD.

There is not much that I can add to what has already been said here to-night except to express our regrets at the absence of Mr. Mulford, Sr. This regret I am sure is in the heart of every person at the table.

We also wish to thank Mr. Vreeland for obtaining the legislation that we have so long sought, recognizing as we do that we are indebted to him for this much needed law. He has expressed to-night a wish that some act of his as a legislator might entitle him to the respect of the people, and might prove something of which his children would be proud. I say to him that his wish has already been granted, as he will long be remembered by every honest jeweler in the country, and by the people who will find in this stamping law a protection against the man who marks jewelry that looks like gold, but does not act like gold. I am quite sure that if Shakespeare had lived in the 20th century he would never have written "All that glitters is not gold," but instead would have written, "All that glitters is gold," at least if it has an American mark upon it, at least that is what many people believe who wear some of our jewelry.

While the chemist has told us much about the properties of gold, I am sure that in the past some manufacturers of so-called jewelry could give the chemists pointers. It has been said that in some so-called jewelry factories the only thing that could be properly called gold was the gold kept in the office as an ornament.

The story is told of one of these makers of gold jewelry who said to a friend in a religious talk, "The only thing that worries me about the future life is the trouble that I will have in getting my [illegible] over my wings." Said his friend, "Don't let that worry you, for your greatest trouble will be to get your hat over your horns."

Now, we have this bill, but we must see that it is enforced. We must see that it does not become a dead letter. The bill will not be ineffective, it is certain, as long as THE JEWELERS' CIRCULAR-WEEKLY continues to take an interest in it. As this publication is its father, the parent must see that the child is brought up properly.

There has never been any doubt about the trade desiring this law. I know that the great body of jewelry manufacturers and dealers are honest men who desire to make and to sell honest goods. Mr. Vreeland will bear me out in this, for he knows the character of the letters that he has received from jewelers in all parts of the country thanking him for his work.

Mr. Vreeland—Yes, thousands of letters.

I quite agree with Mr. Vreeland in his statement that the world is growing better. It is doing so slowly but thoroughly. We must also realize that the struggle for existence is becoming greater, because many of the luxuries of the rich men of the past have become the necessities of the working men of to-day. In the mad struggle to secure these luxuries or necessities some men grow more and more selfish and show less and less regard for the rights of others. When a man has reached the point in life when he has no care for his fellow men, has no sympathy for those to whom life is a hard and cruel burden, then is he standing close upon the threshold of dishonesty.

The law will be of much practical benefit. It is not needed to protect the public from the honest jeweler, but to protect the honest jeweler from those who seek to foist their dishonest wares upon the public. So I am sure that all honest manufacturers and jewelers will join with us as we return our sincere thanks to Mr. Vreeland and to THE JEWELERS' CIRCULAR-WEEKLY for obtaining the enactment of this law.

Geo. R. Howe, president of the Newark Manufacturing Jewelers, and others also spoke briefly.

After drinking a standing toast to the health of L. J. Mulford, president of the Jewelers' Circular Pub. Co., who is now on a visit to Colorado, the guests passed a formal vote of thanks to THE CIRCULAR-WEEKLY before going to their homes.

The following is a list of those who were present: F. H. Larter, of Larter & Sons, president of the Jewelers Board of Trade; A. K. Sloan, of Sloan & Co., president of the Jewelers Security Alliance; G. W. Street, of Geo. O. Street & Sons, president of the Jewelers' League; Leo. Wormser, of the Julius King Optical Co., president of the Twenty-four Karat Club; Hiram A. Bliss, of the Gorham Mfg. Co.; G. E. Fahys, of Jos. Fahys & Co.; Col. J. L. Shepherd, of the Keystone Watch Case Co.; R. W. Adams, of T. W. Adams & Co.; Julius Lebkuecher, of Krementz & Co., former Mayor of Newark, N. J.; Geo. R. Howe, of Carter, Howe & Co., president of the Mfg. Jewelers' Association of Newark; N. B. Barton, of the Ostby & Barton Co., Providence, R. I.; F. L. Crawford, counsel for the joint committee; Ludwig Nissen, of Ludwig Nissen & Co.; James Appleton, of Robbins & Appleton; V. S. Mulford, T. Edgar Willson and F. A. McGill, of THE JEWELERS' CIRCULAR-WEEKLY.

Supreme Court Continues Injunction Restraining Sale by Gorham Co. of Stock in Other Companies.

A temporary order which restrained Edward Holbrook, the president of the Gorham Co., and the other directors from selling the stock owned by the corporation in affiliated concerns, was continued by a decision handed down Monday by Justice Dowling in the Supreme Court, New York. The injunction was granted originally on the application of George H. Robinson, a minority stockholder. The proposed sale of the stock in accordance with a plan which had been adopted by an enormous majority at a meeting of the stockholders has been postponed pending the litigation.

The text of Justice Dowling's decision is not at hand at the hour of going to press. According to the reports in the daily papers he says that there can be no dispute as to the right of the Gorham Co. to dispose of stock which it owns, and the question is as to the method of selling such stock. There are apparently errors in the reports, however. He is represented as saying that the price, $1,627,000, for which the company proposes to sell, is inadequate, and therefore not fair to all the stockholders. As has already been told in these columns, this price was fixed as a minimum and the plan contemplated an open auction at which the figure could be advanced as much above that as any bidder desired to go. The justice, according to the first reports, also said that the sale must be for the benefit of all the stockholders, and not for some. A full text will doubtless throw a different light on this. Under the plan as adopted all the stockholders have the privilege of sharing pro rata.

An appeal from the decision is to be taken, and it is expected that the argument on appeal will be heard about Oct. 5 in the Appellate Division.

Affairs of Simon & Sternberg and Sternberg & Co., Savannah, Ga., Developing Favorably for the Creditors.

SAVANNAH, Ga., Sept. 15.—Attorneys for the Jewelers Board of Trade, New York, have won a victory in opposing the application of Jacob Sternberg, of Simon & Sternberg, who are in bankruptcy, for an exemption of $1,600 under the homestead clause of the law. The referee finds that after making all allowances claimed by the bankrupts, there is still a shortage of several thousand dollars. That amount is the difference between the value of the merchandise which the firm received and the assets for which it accounts. The referee declares that the firm has concealed assets from its creditors and therefore Mr. Sternberg is not entitled to the homestead exemption.

In the case of Sternberg & Co. a different firm, notwithstanding the similarity of names, sealed bids for the stock were opened Sept. 8, by the referee, the highest being $4,500, from Mr. Lazarus, Macon, Ga. The lowest was $2,100. Attorneys for the Jewelers Board of Trade, New York, had present an auctioneer who offered a larger amount than the bid of Mr. Lazarus, the referee having reserved the right to reject any and all of the sealed bids. The appearance of the auctioneer on the scene caused lively rivalry. Mr. Lazarus demanded the right to increase his bid, and this was permitted. Finally the stock was sold to Mr. Lazarus for $5,355, which was 75 per cent. of the appraised value.

Teams of the Jewelers' Bowling League of New York Begin Annual Tournament.

With plenty of enthusiasm the Jewelers' Bowling League of New York opened last week its regular tournament, the winners of which will receive handsome prizes at the close of the season. The Albion Alleys, 117 W. 23d St., New York, are the scene of this year's contests, and the nights selected for play are Monday, Tuesday, Wednesday and Friday. Fifteen houses are represented, and the skill already shown is of a high order, considering that the season is young. To add to the interest, a cordial invitation is extended to friends to attend the games, and many are availing themselves of the privilege.

Following are the results of last week's contests and the standing of the clubs:

Sept. 10.—N. H. White & Co.....	684	701	769
vs. L. E. Waterman Co.....	783	717	709
Sept. 11.—Tiffany & Co.....	796	948	785
vs. Jos. Fahys & Co.....	691	741	698
Sept. 12.—Aikin, Lambert & Co....	751	645	785
vs. A. A. Webster & Co.....	791	805	720
Sept. 14.—Cooper Diamond Co.....	768	860	803
vs. Julius King Optical Co.....	697	716	816

TEAM STANDING.

	Won.	*Lost.*	*High score.*
Tiffany & Co.....	3	..	948
Cooper Diamond Co.....	2	1	860
A. A. Webster & Co.....	2	1	805
L. E. Waterman Co.....	2	1	783
Julius King Optical Co.....	1	2	816
Aikin, Lambert & Co.....	1	2	785
N. H. White & Co.....	1	2	769
Jos. Fahys & Co.....	..	3	741

High team score—Tiffany, 948.

Chester Billings & Son

1840 Successors to Kandel, Baremore & Billings 1906

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Amsterdam: 2 Tulp Straat

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PENDANTS

in 14 Karat and Platinum

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Diamond Cutters and Manufacturing Jewelers

EDUARD VAN DAM

DIAMOND CUTTER

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My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

Bank References Given

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AMERICAN PEARLS

than any other firm.

Maurice Brower

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Members of the Pennsylvania Retail Jewelers' Association Hold Interesting Meeting at Pittsburg.

PITTSBURG, Pa., Sept. 14.—The Pennsylvania Retail Jewelers' Association met in special session at the Hotel Schenley, Wednesday afternoon, at 2 o'clock, and after considering a number of important questions, adjourned to meet at the same place at 7.30 P. M. Oct. 25. President A. C. Graul presided at the meeting, which was well attended, considering that it was a special session. Secretary C. S. Wiley announced that 24 applications for membership had been received, from jewelers throughout the State, and these were elected to membership, the membership having more than doubled since the July gathering, showing that a lively interest is being taken in its deliberations. Much interest is now being shown in the association by Pittsburg firms, and it is predicted that most of the retail firms in this city will soon unite with the State organization, many having already done so.

President Graul made a short address, pointing out some questions of interest confronting the trade, and announced the appointment of the various committees as already published in THE CIRCULAR-WEEKLY. The delegates to the National Convention, held at Rochester Aug. 3 and 4, J. P. Archibald, Blairsville, A. C. Graul, Sharpsburg, and Secretary Wiley made a detailed report of what was accomplished at the convention, and the association decided to affiliate with the national organization. The question of inviting jewelry manufacturers and jobbers and kindred lines to make exhibits at the next annual meeting of the association to be held next Summer, was discussed, and the proposition approved, and it is hoped to have an excellent display when the time comes. Such action, it is also thought, will further increase interest in the association, which has now taken on quite a boom.

In order to cover the cost of membership in the national organization the by-laws were changed to make the membership fee $3 instead of $2. A large number of firms offered to enclose circulars relating to meetings of the association in their mail to the trade throughout the state, and it was decided to accept this courtesy. This is expected to be a feature that will add to the interest which the association has already excited. A vote of thanks was extended the management of the Hotel Schenley for the excellent manner in which the hotel people looked after the comfort of the guests.

The subject of forming a Pittsburg organization was talked of among the members, but no definite action was taken, it being thought best to postpone the matter for the present. There is however a strong desire on the part of many to organize the local dealers, and it is believed that it is only a question of time before this will be brought about. It is said that many evils confront the trade, which could be eradicated if the local jewelers were organized.

The next meeting of the association will be held at the Duquesne Hotel in this city Thursday, Oct. 25, 7.30 P. M. Several interesting papers are now being prepared and will be read at this meeting, and altogether a most interesting session is expected.

Death of Conrad B. Hufnagel.

Conrad B. Hufnagel, who had been in the jewelry business, at first in New York and subsequently at Mt. Vernon, N. Y., died last week at Twin Mountain, N. H., aged 63 years. He had been in failing health for several years.

Mr. Hufnagel was born at Steinau, near Frankfort-on-Main, Germany, and served his apprenticeship at Frankfort. He came to this country at the age of 17 years and learned the watch repairing trade. Later he opened a shop at 66 Nassau St., New York, where for many years he did repairing for leading jewelry establishments.

About 35 years ago deceased went to Mt. Vernon to live and commuted to New York for a number of years. Subsequently he opened a jewelry store at S. Fourth Ave., in Mt. Vernon, at which place the business continued under his charge until 1901, when he suffered a stroke of paralysis, which was slight, and from which he recuperated sufficiently to allow him to carry on his work.

In the meantime his son Edward, who had been in the employ of the Gorham Mfg. Co., severed his connection with that firm in order to relieve his father of the growing responsibilities of the business. In 1903 Mr. Hufnagel had a second stroke of paralysis, from which he never fully rallied, and he then retired from the business, which his son continues.

Mr. Hufnagel is survived by his widow and three children, Frederick B., Edward H. and Mrs. N. W. Rogers. Frederick B. Hufnagel is a resident of Pittsburg, Pa., where he is connected with the Jones & Laughlin Steel Co. Edward H. Hufnagel and Mrs. Rogers are both residents of Mt. Vernon.

Death of George D. Kolb.

PHILADELPHIA, Pa., Sept. 13.—George D. Kolb, a retired manufacturer of jewelry and silverware cases, at 732 Sansom St., died yesterday at the age of 77 years, at his home, 3447 N. 18th St. Mr. Kolb retired from business in 1886, after which the business was continued by his nephew, upon whose death, about eight years ago, the business was continued by A. J. Le Cato, who removed from the old establishment, about three years ago, to 10th and Arch Sts.

The cause of Mr. Kolb's death was apoplexy. He was born in Germany and came to this country a half century ago. He had learned his trade abroad, and was so skilled that he easily made his goods recognized as the best obtainable in this city, and became prosperous. It was only after he had retired and the business was continued by other members of the family that it fell off until it was finally sold out to Mr. Le Cato, who now conducts it at 10th and Arch Sts.

Mr. Kolb was also a marksman of local fame, and was president of the Philadelphia Rifle Club. He was a member of Herman Lodge 125, F. & A. M., and a member of the German Lutheran Church.

G. M. Howe has closed his store in Lohrville, Ia., and gone on the road for a wholesale house.

New Members Elected by the Jewelers Security Alliance.

The regular monthly meeting of the Executive Committee of the Jewelers Security Alliance was held on Friday, the following members being present: Chairman Butts, President Sloan, Vice-Presidents Wood and Champenois, Treasurer Karsch, Secretary Noyes and Messrs. Alford and Bowden, of the committee. The following new members were admitted:

B. C. Burkart, Dixon, Ill.; Henry Kallmann, San Francisco, Cal.; F. A. Marean, Belvidere, Ill.; Arthur D. Miller, Braidwood, Ill.; Rothschild & Hadenfeldt, Oakland, Cal.; Roht. Siegel & Co., Grand Rapids, Mich.; Sorensen Co., San Francisco, Cal.; Mrs. Julia Azeez, Atlantic City, N. J.; Chas. W. Bowman, Somerville, N. J.; Harry Finkelstine, Kansas City, Mo.; Alex. Fuhrman, Kansas City, Kans.; E. M. Gousalves, Chicago, Ill.; Green Jewelry Co., Kansas City, Mo.; Ellery A. Handy, Rochester, N. Y.; Homer W. Hilborn, Portal, N. Dak.; Fred H. Smith, Williston, N. Dak.; H. L. Whitmore, Chicago, Ill.; H. E. Wuerth, Kansas City, Mo.; Baldwin Jewelry Co., San Francisco, Cal.; P. C. Dochring, Houston, Tex.; N. W. Frantz, Winfield, Kans.; Paul V. Garin and Wm. Glindemann, San Francisco, Cal.; O. A. Hesla, Prescott, Ariz.; Chas. H. Leonard, Winsted, Conn.; A. Mittau, Hartford, Conn.; Frederick C. Stein, Chicago, Ill.; A. Engelhardt, San Francisco, Cal.; August Goessler, Pomeroy, O.; Henkes-Baker Jewelry Co., Vincennes, Ind.; W. H. Shrack & Son, Pratt, Kans.; B. R. Stocking, Belton, Tex.; C. F. Burger & Co., Buffalo, Wyo.; Fred C. Carlson, Kewance, Ill.; Castelberg Jewelry Co., Newark, N. J.; J. F. Cunningham, Peabody, Kans.; Nordley, Allsopp & Bloemeke Co., Newark, N. J.; Rudolph Barth, San Francisco, Cal.; Fred'k Goldman, Philadelphia, Pa.; C. N. Hetzner, Peru, Ind.; J. S. James, Richmond, Va.; A. H. Kerr, Corsicana, Tex.; Julius Lobel, New York City; L. A. Shawber, Shoshoni, Wyo.; Geo. Peterson, San Francisco, Cal.; Claude R. Stoops, Nappanee, Ind.; Alabama Jewelry Co., Greenville, Ala.; E. E. Brand, Findlay, O.; J. P. Hall, Lima, O.; F. C. Hyde & Co., Appleton, Wis.; John Kahn & Co., Baltimore, Md.; W. T. Lane, Bradford, Pa.; B. G. Rich, Colville, Wash.; J. A. Rummele, Manitowoc, Wis.; R. Schaerlein & Son, San Francisco, Cal.; H. B. Scott & Co., Fairmont, W. Va.; Brown & Garrett, Rutland, Vt.; Clifford D. Cassel, Norristown, Pa.; W. B. Fisher, Mt. Kisco, N. Y.; Gauss & Simons, Shenandoah, Ia.; H. O. Harrison, Wichita, Kans.; John E. Lewis, Little Falls, N. Y.; Nebeling & Silverberg, New York; Geo. E. Ridge, Langhorne, Pa.; Smith Bros., Holyoke, Mass.; H. Stewart, San Francisco, Cal.; Wilhelm & Beck, Brooklyn, N. Y.; A. J. Wipperman, Idaho Falls, Idaho; Nat. Traub, Yonkers, N. Y.; Sorensen Co., San Francisco, Cal.; C. A. Elder, Walnut, Ia.; Bennett & Quinn, Waterloo, Ia.; C. F. Hallfarth, Henry, Ill.

R. McDonald, Cisco, Tex., Makes an Assignment Under State Laws.

CISCO, Tex., Sept. 12.—R. McDonald, a retail jeweler of this town, made a general assignment Friday afternoon under the laws of the State. The deed names T. G. Jackson, of Eastland, as trustee. The latter has taken charge of the stock, but no formal statement as to the assets and liabilities has yet been made.

Mr. McDonald has been in business here about a year and a half, having succeeded R. A. Kincaid in the business which he conducted. He is a practical watchmaker, of good character, and has been well thought of in the trade. Lack of capital has hampered him for some time, and this is believed to have caused the embarrassment.

Charles Sauer, until recently with D. G. Gallett, Aberdeen, S. Dak., has resigned and will take a course in optics in Minneapolis, Minn., after which he will start in business for himself.

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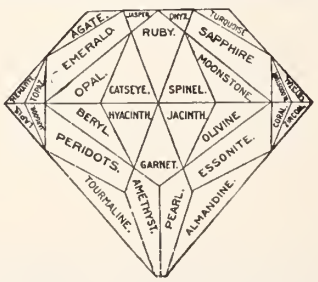
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Governor of Massachusetts and His Executive Council Visit Attleboro Jewelry Factory.

ATTLEBORO, Mass., Sept. 17.—Hon. Sidney O. Bigney, of the Governor's Executive Council, extended the hospitality of the factory of S. O. Bigney & Co. to Governor Curtis Guild and a large official party last Wednesday. The occasion was one of extreme sociability, and the guests were highly pleased at the opportunity to witness the manufacture of jewels, to nearly all of them it being a complete novelty. There were present not only Governor Guild and his private secretary, but also Mr. Bigney's colleagues in the Executive Council, Hon. David G. Pratt, Middleboro; Hon. Warren H. Rawson, Arlington; Hon. Lewis H. Bartlett, Lynn; Hon. Alfred E. Cox, Malden; Hon. William A. Lytle, Worcester, and Hon. John W. Wheeler, Orange.

The party was met at Taunton by Mr. Bigney with three large auto touring cars, and the trip to Attleboro was made over a highway made beautiful by the early turning Autumn leaves. The first stop was at the residence of the host, where a few minutes were spent prior to visiting the factory near by. As all entered the spacious offices a large table was seen, on which were spread out a number of specimens of all the lines of fob chains made by the firm, and each was invited to select a souvenir to his liking. From the offices a complete tour of the factory was made, following the work of the plant from the arrival of the raw material, through all its stages, to the shipping room, where the finished product goes far and near.

Reaching the largest open space in the factory, after the tour, the official party was halted, the whistle sounded, and the word was passed for all of the employes to advance and be presented to the Governor. This proved one of the most agreeable features of all.

Mr. Bigney then escorted his guests to another section of the plant, where the Bristol Mfg. Co. is quartered, and there again was found a table of souvenirs, each member of the party selecting a handsome sterling silver match box.

Leaving the shops, the group then returned to Mr. Bigney's home, where a sumptuous repast had been spread. This function broke up at 4 P. M., and a half hour later the guests had gone to Boston, congratulating Mr. Bigney on the material evidences of progress and prosperity they had witnessed.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Sept. 15, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$626,191.51
Gold bars paid depositors	52,132.93
Total	$678,324.44

Of this the gold bars exchanged for gold coin are reported as follows:

Sept. 10	$101,974.23
" 11	99,015.46
" 12	72,207.44
" 13	156,629.53
" 14	129,110.73
" 15	67,254.12
Total	$626,191.51

E. N. Mann has sold his business in Alma, Kans., to J. H. Newell.

Salesman's Sample Case Mysteriously Disappears from Customer's Office in Maiden Lane.

A sample case containing a quantity of gold-filled chains and parts of chains, the property of the R. F. Simmons Co., Attleboro, Mass., whose New York office is at 13 Maiden Lane, was stolen Wednesday of last week between 1.35 and 1.40 P. M. from the office of one of the company's customers at 49 Maiden Lane, New York. There were not more than six dozen complete chains, all the other samples being in pieces or strands convenient for display to the trade. The person who stole the case could scarcely get more than $300 for the finished chains, and the only value of the other samples, except to the owners, would be for the purpose of melting and refining.

John Drake, the R. F. Simmons Co.'s New York representative sent one of the regular carriers, on the day mentioned, to the customer's office with the sample case, which weighs 80 pounds. The carrier delivered the case, placing it near a show case. There were present at the time a clerk and an errand boy, both of whom saw the case placed on the floor. Mr. Drake arrived five minutes later, and by that time the case had disappeared. The two employes had not left the room, and saw nobody take the case away. They said several persons had come in and gone out, but those who had called were well known and no suspicion attaches to any one of them.

Mr. Drake immediately notified police headquarters, and Detectives Nugent and McGinnis were detailed to look for the thief. The services of the Pinkertons were also obtained, and circulars were sent out by them offering a reward for the missing property.

The samples are all of considerable importance to the manufacturers just at this time, as they were being used in taking orders for the Fall trade, and are of much less value to any other person than to the owner.

The sample case was of black leather, 9 x 14 x 16 inches, bound on the corners and edges with black leather strips and fastened with black rivets. On the upper corner was the letter "D" in red.

Following is a description of the contents:

Gold filled chains, quality stamped on swivel, as 1-10 ⅛ filled ¼ 14 karats, as follows:

72 dozen in 9 rolls, vest chains, short length, about 3 inches of chain, with bar and swivel attached.

9 dozen in 3 rolls, full length watch chains.

6 dozen in 2 rolls, full length double strand chains, with slides.

9 dozen in 3 rolls, Dickens or double chains, with (charms) seals attached.

12 dozen in 4 rolls, Dickens chains.

9 dozen in 3 rolls, pony or boys' chains.

7 dozen in 1 roll, of ⅛ filled chains, short length, about 3 inches of chain with bar and swivel.

3 dozen in 1 roll, ¼ filled, short length, about 3 inches of chain with bar and swivel attached.

3 dozen in 1 roll, silk guards or ladies' chains, with slides.

2 dozen in 1 roll, gents' ribbon or silk chains, with buckles in center.

7 dozen in 1 roll, of assorted chain bracelets for ladies and children.

3 dozen in 1 roll, gents' Walderman key chains, with swivel and spring ring.

The rolls contained all staple patterns of chains, such as curbs, trace, rope, cable, Boston link and fancy chains, all on black velvet, the rolls holding from three dozen up to six dozen. Some chains were marked "Simmons Chains" on the top of the roll in yellow silk. All goods have on the inside bow of swivel the stamp "R. F. S. & Co."

San Francisco Street Car Strike Ends —Business Resumed Most Auspiciously.

San Francisco, Cal., Sept. 13.—The street car strike, which paralyzed trade for over a week, has been settled, and with the resumption of service business in almost all branches has at once resumed its former volume. The car service, combined with a period of ideal weather, has brought out a host of shoppers, and the principal retail districts have presented a gala appearance. The retail trade must necessarily be heavy to get many of the dealers out of the financial difficulties they are now in, but up to the present time fortune has been very kind and trade has far exceeded expectations.

Insurance losses have all been passed upon and the companies interested in the local field have all stated their terms of settlement. These range from absolutely nothing to full value. Most of the companies will pay at least 75 per cent. The various trade organizations are preparing lists of the "welching" companies, and as this list will be distributed among their followers it is expected that many of these companies will either be brought to time or forced out of business. The various wholesale establishments are doing a brisk business. The country business is especially heavy.

The salesmen are all out on the road with Winter samples, and orders from the various towns throughout the State show an increase in volume over last year's sales at this time of from 10 to 20 per cent. The holiday trade promises to be the heaviest ever known, as crops have been large and remunerative and business throughout the whole State is now in a healthy condition.

Death of Paul Satz.

Ware, Mass., Sept. 12.—Paul Satz, well known in the jewelry trade of this section, died suddenly Monday morning at his home in this city. Although he had been troubled with slight attacks of heart failure for some time, he had been in his usual health until shortly before he passed away. He retired about 11 A. M., and two hours later complained of pains in his chest. Although physicians were quickly summoned, Mr. Satz was beyond medical aid when they arrived.

Mr. Satz had been in the jewelry business for many years. He started originally in Taftville, Conn., where he remained for about four years, then went to Norwich in 1897, and two years later came to Ware. In March, 1893, he met with reverses and was forced into bankruptcy, but the business was continued by his wife.

Mr. Satz was extremely popular, and was prominent in many Hebrew organizations in this city. Besides his widow he is survived by five children—two daughters and three sons. The remains were taken to Norwich, Conn., where the funeral services were held.

H. W. McFarland has purchased the store of J. P. Webster, Logansport, Ind.

Missouri Jeweler Convicted of Embezzlement for Failing to Account for Diamonds Held on Memorandum.

Kansas City, Mo., Sept. 15.—There is considerable comment in the jewelry trade in this city over the outcome of the trial of Jacob L. Betts, a former jeweler of Albany, who was before the Circuit Court of Gentry County on a charge of embezzlement, and who by this court has been convicted and sentenced to two years in the penitentiary. An important part of the case turned on the validity of a memorandum contract under which Betts obtained certain diamonds from the C. B. Norton Jewelry Co., of this city, the complainants in the case. So important were the issues involved that the Jewelers Board of Trade of New York assisted in prosecution through its local attorneys.

According to the statement of the complainant, Betts, on Jan. 5, sent to the C. B. Norton Jewelry Co. for several diamonds on memorandum, and the stones were shipped to him with an invoice, or bill, which contained the following words: "The goods described below are sent at your risk for examination and selection, but none are considered sold, nor does the title pass until a regular bill of sale has been sent you."

When the diamonds reached Albany, Betts receipted for them through the express company. Betts was then conducting an auction, which closed Saturday night at 11 o'clock. The diamonds were received by Betts that night about 8 o'clock. The next day, it was alleged, Betts left Albany, and his whereabouts were unknown until the early part of last year, when he was arrested in Nebraska.

In the meantime one Painter appeared in Albany, and claimed to have bought certain stock that Betts had not sold at auction. The creditors of Painter began an attachment suit, and levied on all of the former Betts' stock as Painter's property. Then a petition in bankruptcy was filed against Betts at St. Joseph, Mo., and in due time he was adjudicated a bankrupt. The Bankruptcy Court, after considering evidence which had been submitted to it, decided that the sale from Betts to Painter was not made in good faith and was invalid.

Betts was located by the creditors at Lincoln, Nebr., in March, 1905, and at this time did not have the diamonds which the C. B. Norton Jewelry Co. had consigned to him. A charge of embezzlement was instituted, and on this he was extradited from Nebraska to this State, taken to Albany and held under bonds.

The case came up for trial at the September term of the Circuit Court, and the court ruled that the memorandum contract was enforceable and that under it the title to the diamonds remained with the C. B. Norton Jewelry Co. Therefore it ruled that Betts, by concealing the stones and not remitting for them, was guilty of embezzlement, and a punishment of two years was fixed by the jury.

The State's case was looked after by Prosecuting Attorney C. E. Gibboney, who was assisted by the firm of McCullough, Aleshire & Showen, of Stanberry, representing the Jewelers Board of Trade, and also by Karnes, New & Krauthoff, Kansas City, Mo.

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Clever Swindler Fleeces Cincinnati Wholesalers by Means of Worthless Checks.

CINCINNATI, O., Sept. 13.—Pinkerton detectives as well as the police are now looking for a man describing himself as "W. Brown," who swindled about eight representative jewelry houses among the manufacturing and wholesale trade of Cincinnati. Brown represented himself to be a jeweler from the east, and about to begin business in Cincinnati. With his fine appearance, apparently excellent recommendations and courteous manner he quickly gained favor among the jewelers and secured from them about $1,500 worth of diamonds and watches with worthless checks.

Three of the checks were on the Citizens' National Bank of Hamilton, O., and the others on eastern banks.

"Brown" is also said to be wanted by the authorities of Hamilton, where he had previously called and deposited $60 at the local bank, saying he was about to open up a jewelry business. He was given a check book, and after drawing out his $60 presented a check on the Third National Bank of Bridgeport, Conn., for $368.78, but the bank refused to accept this.

"Brown's" victims in this city included: S. & H. Gilsey, from whom he obtained seven watches valued at $75; Gebhardt Bros., from whom he got two loose diamonds, $350; Albert Bros., watches valued in all at $75; Richter & Phillips, six watches worth $121.45; E. & J. Swigart, two loose diamonds, $340; Pohlmeyer & Roth, one loose diamond valued at $325.

The description of "Brown" given to the police is: About 40 years old, five feet and eight inches in height, weighing 165 pounds; curly gray hair, black mustache.

A suspect arrested at Hamilton proved to be the wrong man.

Importations at the Port of New York.

Weeks Ended Sept. 15, 1905, and Sept. 14, 1906.		
China, Glass and Earthen Ware:	1905.	1906.
China	$94,424	$106,381
Earthen ware	14,960	17,126
Glass ware	29,351	33,443
Optical glass	369	11,550
Instruments:		
Musical	33,789	9,362
Optical	14,802	14,338
Philosophical	2,893	6,021
Jewelry, etc.:		
Jewelry	7,492	18,413
Precious stones	$40,615	563,336
Watches	32,094	38,946
Metals, etc.:		
Bronzes	8,619	1,699
Cutlery	21,401	56,849
Dutch metal	2,271	1,050
Platina	48,263	33,132
Plated ware	196	.....
Silverware	1,046	5,202
Miscellaneous:		
Alabaster ornaments	480	657
Amber	2,775	1,923
Beads	1,670	3,557
Clocks	9,890	8,223
Fans	4,943	11,295
Fancy goods	8,739	11,565
Ivory	4,818	20,887
Ivory, manufactures of	3,167	986
Marble, manufactures of	25,317	14,378
Statuary	.....	8,169

Alterations and improvements have just been completed in the store of E. Bruce Capper, Winchester, Va., and the store is now one of the most attractive in that territory.

Bankruptcy Petition Filed Against Sol. Urbach Following the Report That He Had Been Robbed of $40,000 Worth of Diamonds.

Bankruptcy proceedings were begun Monday against Sol. Urbach, diamond jobber, at 49 Maiden Lane, New York, who had reported, several days before, the loss of his stock, valued at $40,000, which was taken from him, he said, while he was in a sleeping car, en route from New York to Baltimore. The petitioners in the bankruptcy proceedings express themselves as incredulous in relation to this reported loss of diamonds, and charge that the story was fabricated by Mr. Urbach for the purpose of throwing dust in the eyes of his creditors.

Urbach has retained an attorney, who is to oppose the efforts of the petitioners to have him declared a bankrupt. The attorney denies that there is any valid reason for doubting the sincerity of the account which Mr. Urbach has given of his loss. Threats are also made by the attorney to proceed against persons who have made derogatory allegations as to his client.

The petitioners in the bankruptcy proceedings are headed by Isidor Hochberger, whose claim is for $1,562 for merchandise sold on June 22, on which date he received two notes, one for $779 and the other for $783. Louis Beilenson claims that $701 is due him on a sale made Aug. 21, on which date he accepted a note in payment. Levenson & Friedlander, who also joined in the petition, have a claim for $587, backed by a note dated Aug. 28. The petitioners charge that Mr. Urbach has concealed assets to the amount of $40,000; also that he has paid out about $5,000 upon reported and fictitious antecedent indebtedness with an intent to defraud.

The strongest allegations made against Mr. Urbach are contained in a separate petition accompanying a motion made for the appointment of a receiver. Mr. Hochberger in this petition says that up to Sept. 10 Urbach had a stock on hand worth at least $40,000. The petitioner adds, "The said goods were surreptitiously removed during the night so that although these goods were concededly in his possession at the time the office was closed in the evening, in the morning there was not a trace or sign of the goods that were there the night before."

Mr. Hochberger says that he had talked with Urbach within a few days of the reported loss. In statements made to Hochberger and to other creditors, Urbach admitted that he had moved $40,000 worth of goods during the night of Sept. 10, and related the story of the robbery in the sleeping car, which they now endeavor to discredit.

Urbach told the petitioner, the latter says, that every piece, diamond and precious stone in his stock was placed in the wallet and taken to Baltimore for the purpose of selling the same. The petitioner says that he asked his debtor why the latter should attempt to dispose of his entire stock outside of New York, but no explanation was made. Urbach admitted, it is said, that he never before went outside of New York to sell goods, having made all his sales inside the city.

Urbach, the petitioner says, made no explanation as to why he carried no insurance. The petitioner charged, he said, that the incident was suspicious, and Urbach replied that if the creditors did not like it they could do as they pleased.

Another charge made by the petitioner is that Urbach recently sold goods at less than cost. Being asked why he did this, according to the petitioner, Urbach replied that he was hard pressed for money and had to do it. Two days later, it is charged, Urbach tried to sell diamonds of half a carat in weight below their cost.

Last Thursday the petitioner claims he called at the office of Sol. J. Rosenblum, Urbach's attorney, and an agreement was drawn up in writing for the purpose of settling the petitioner's claim. The petitioner said that after everything had been agreed upon the attorney destroyed the paper, refused to pay the money and ordered the petitioner out of the office, saying, "Now I have you where I want you."

Mr. Hochberger says that Mr. Urbach's story of the loss of the stock of diamonds is a pretext to save the jobber from accounting to his creditors for his stock. The remaining assets are estimated by the petitioner to be worth $2,000, and he said that unless a receiver is appointed at once this property may be lost to the creditors.

Gustavus A. Rogers, attorney for the petitioning creditors, filed an affidavit to the effect that on Friday last he called on Mr. Rosenblum and that the latter, admitting the insolvency of his client, had promised to offer between 30 and 50 cents in settlement either that day or the next. Mr. Rogers waited in his office both these days, but received no such offer.

Louis Beilenson also submitted an affidavit. He said that on Sunday he called at Mr. Urbach's home at 116 W. 117th St., on the advice of counsel, in order to inquire about the loss of diamonds. Urbach told him, he said, that he was unwilling to discuss the matter, because of advice of counsel. It was said that Urbach, however, admitted his insolvency and claimed that he had about $12,000 in assets for a compromise and might offer 35 cents on the dollar.

Judge Hough, of the United States District Court, appointed Job E. Hedges temporary receiver under a $2,000 bond.

Mr. Urbach's story of his loss is to the effect that the diamonds were stolen from him while he was asleep in a Pullman car on the Pennsylvania Railroad between midnight Monday and 5 o'clock Tuesday morning of last week. He boarded a sleeping car in Jersey City and occupied a lower berth on the way to Baltimore. The diamonds were placed, Urbach said, in a wallet in his waistcoat, which he folded and placed beneath his pillow. He slept soundly until the train was passing through Wilmington, Del., when he awoke and felt for his waistcoat, but it was gone, with the wallet of diamonds, his watch and chain and other articles. He reported the loss to the conductor and porter of the car, and was advised by them to notify the Baltimore detective department, which he did as soon as he reached that city.

The conductor and porter said that no one had been near Mr. Urbach's berth except passengers who went to and fro seeking their own sleeping quarters. Mr. Urbach told the police that the stones were of many sizes and of various grades. The theory was suggested by the Baltimore police that a thief or thieves who knew something of Mr. Urbach's habits and the value of the diamonds he was carrying, followed him from New York on the train, probably took a berth on the same car and awaited a favorable opportunity to get the precious stones.

Mr. Urbach, after reporting his loss to the Baltimore police, cut short his southern trip and returned to New York.

The total liabilities of Mr. Urbach are supposed to be about equal to the value of the stock that was lost, as he gave it.

Mr. Urbach has been in the diamond trade for a couple of years. Prior to that time he had been in the paper business on the Bowery.

Trolley Thieves Rob New Haven Jeweler of $900 Worth of Stock.

New Haven, Sept. 12.—L. Persoff, of L. Persoff & Son, of this city, while riding on a trolley car between Hartford and Springfield, on Sunday evening, was robbed of over $900 worth of jewelry. It was Mr. Persoff's custom to visit Hartford every Sunday and then proceed to Springfield. He had in his possession a satchel and a box containing valuable stock. The satchel was recovered, but the box is still missing. The stolen property includes 17 gold watches, two gold bracelets, six gold watch chains, nine lockets and two fobs.

The robbery was committed in a manner that is frequently adopted by street car thieves. The car was not far from Springfield when the jeweler, who was standing with the satchel and box in his hands, was suddenly pushed and jostled, and in the mix-up the box containing the jewelry disappeared. Mr. Persoff chased the thieves, who fled into the woods and escaped. He afterwards secured assistance and drove after them, but failed to find them. The Springfield and New Haven police were informed, and Mr. Persoff's son has been in Springfield several days using every effort to run down the robbers.

Death of Isaac M. Miller.

Newark, N. J., Sept. 17.—Isaac M. Miller, formerly a leading jewelry manufacturer in this city, died last Tuesday at the Highlands of Navesink, on the New Jersey coast, where he had been spending the Summer. The end came suddenly, and was due to heart failure.

Mr. Miller was born in Lyons Farms, just south of Newark, in 1835, and in his youth learned the jewelry business. Early in life he formed a partnership with his brother, the late James W. Miller, and the firm, known as Miller Bros., with factories and offices in Franklin St., this city, and salesrooms in New York, continued for 40 years.

During his business career Mr. Miller lived in East Orange, but for the last eight years he had made his home in New York, but he spent much of his time in Mexico, where he had large investments.

He is survived by three sons, Herbert B. and I. M. Miller, of New York, and Grant D. Miller, of Mexico. Funeral services were held Friday in the home of James Bryan, 79 Elm St., Montclair, and interment was made in Rosedale Cemetery.

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Thieves Beat Pittsburg Jeweler Until He Is Unconscious and Escape With His Money and Jewelry.

PITTSBURG, Pa., Sept. 14.—W. D. Arthur, who formerly was in the jewelry business in the Park building, but who is at present employed in a Smithfield St. jewelry store, was waylaid several nights ago and robbed by footpads. The robbery, according to the account reported to the police, occurred near Arthur's home, Lloyd and Reynolds Sts., in the East End. Arthur, who was badly beaten, was confined to his home for several days. Jewelry of the value of $400 and $25 in cash were taken from his person. The stolen articles include a diamond finger ring valued at $200, a solid gold watch, fob and chain valued at $125, and a gold penknife with a diamond setting, valued at $75.

Mr. Arthur boarded a downtown car last Saturday at midnight, and when he got off at Lang Ave. was attacked by two men. As he passed a telegraph pole, one of the men, who was standing in the shadow, stepped out and grabbed him by the throat. While the jeweler was fighting his antagonist the other man attacked him from the rear, kicking him in the back until he became unconscious. Then the thieves proceeded to strip him of his jewelry and money, after which they made good their escape, leaving the jeweler lying unconscious on the pavement.

It was 10 minutes before Mr. Arthur regained consciousness, and some neighbors who were passing shortly after the robbery assisted him to his home and then telephoned for the police. Mr. Arthur is badly bruised about the body, but has fully recovered from the shock.

Jewelry, Clocks, Watches and Kindred Lines Exported from New York.

WASHINGTON, D. C., Sept. 12.—The following were the exports of jewelry, silverware, optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Banes: 1 package clocks, $104.
Barbados: 1 case watches, $100.
Berlin: 1 package silverware, $725.
Bremen: 1 package plated ware, $110.
Buenos Ayres: 4 packages plated ware, $1,720.
Callao: 1 package optical goods, $157.
Calcutta: 6 packages clocks, $103; 3 packages clocks, $528.
Christiania: 24 packages clocks, $886.
Colon: 2 packages plated ware, $304.
Constantinople: 15 packages clocks, $364.
Dunedin: 225 packages clocks, $4,399; 18 packages plated ware, $1,056; 10 cases watches, $1,191.
Guayaquil: 2 cases watches, $522.
Hamburg: 1 package optical goods, $325; 1 case watches, $1,575.
Havana: 6 packages clocks, $123; 21 packages clocks, $456; 1 case jewelry, $331; 1 case watches, $8,401.
Havre: 2 cases jewelry, $600; 4 packages optical goods, $292.
Limon: 2 packages clocks, $338.
Liverpool: 1 package plated ware, $1,200; 19 packages jewelers' ashes, $11,000; 36 packages, $675; 1 case jewelry, $500.
London: 6 packages clocks, $1,760; 1 case watch-making machinery, $236.
Montevideo: 1 package plated ware, $525.
Savanilla: 20 cases watches, $138.
Trinidad: 21 packages clocks, $191; 2 packages plated ware, $108.
Vera Cruz: 1 package plated ware, $104; 4 packages silver plates, $12,000; 14 packages clocks, $160.

F. A. Averbeck, Madison, Wis., is at present in the east on a buying trip.

Providence.

A watch repairing department, with N. G. Smith in charge, has been opened by the Boston Store.

The Manufacturing Jewelers' Board of Trade recently contributed $125 to the Providence Public Library for the purchase of United States Patent Publications.

G. E. Boyden has purchased the stock and plant of Frank T. Pearce & Co., the price paid being $4,500. Mr. Pearce's son has been placed in charge of the plant.

Among the buyers in town last week were James C. Mizer, Bridgeport, Conn.; W. S. Noble, Pittsfield; H. I. Burnham, Waterbury, and H. A. Miller, Schenectady.

George E. Brady will be re-elected president of the International Jewelry Workers' Union of America by a referendum vote. There is no other candidate out for the place.

There was a slight fire in the building at 59 Page St. one night last week. There are a number of jewelry firms in the building, but the fire was extinguished before much damage was done.

The local papers have commented at some length during the past week on the scarcity of jewelry workers, the "want" columns being well filled with ads. for skilled workers of all kinds.

The Tilden-Thurber Co. has offered a silver cup to the canoe club making the most points in competition throughout the season, and the Weybosset Jewelry Co. has offered a silver trophy to the club for scoring the most points.

Harry Cutler has been appointed one of the members of a committee to consider plans for forming a federation of the different Jewish organizations in the State, a meeting of those interested in this movement having been held last week.

W. S. Owen, for a number of years in the employ of the Nicholson File Co., but who had for the past few years been in business for himself, died at his home last Tuesday, after a prolonged illness. He was 52 years of age and had a wide circle of friends.

The local jewelry house which a man giving the name of William Brown claimed to represent in Cincinnati, where he swindled several jewelry firms out of goods, denies that Brown was in its employ, or that he ever had any connection with the concern.

North Attleboro.

George L. Paine has returned from a western trip.

Walter C. Sherman left for the west, last week, in the interests of the estate of O. M. Draper.

R. Blackinton & Co. were obliged, last week, to commence and operate their factory 13 hours a day.

V. H. Blackinton & Co. are building a large storehouse in the rear of their factory in Robinsonville.

Shops located in the Whitney building were obliged to stop working Thursday because of an accident to the boiler.

Straker & Freeman have purchased the hub cutting and die sinking establishment of George King, located in Pawtucket. The shop will be discontinued and the tools and fixtures moved to the North Attleboro shop of the purchasers.

Preliminary steps were taken, last week, for the formation of a Jewelers' Bowling League. It is probable that a league composed of either eight or 10 shops will be organized. The Paye & Baker Mfg. Co., George L. Paine Co., E. I. Franklin & Co., Riley & French, W. & S. Blackinton Co., H. F. Barrows Co., Scofield, Melcher & Scofield have applied for admission and several other shops are expected to join.

Boston.

John R. Knight is on a fishing trip in camp at Moosehead Lake.

E. E. Franks, of Myers & Franks, is on an outing trip at Foxcroft, Me.

C. G. Aldrich, of the Perry-Aldrich Co., is at Barton Landing, Vt., for an outing.

F. C. Murray, eastern manager of the Jewelers Board of Trade, was in Boston during the week.

W. A. Perry, of the Perry-Aldrich Co., has returned from a month's business trip through New York State.

W. F. Newhall, Lynn, president of the Massachusetts Retail Jewelers' Association, is at the Profile House, White Mountains.

Charles S. Wilson, with Wilson Bros. Co., is at Burnham, Me., having prolonged his vacation this year to a month's outing for the benefit of his health.

The wedding of Charles B. Sommers, salesman for Myers & Franks, took place in Hingham, Mass., yesterday. Mr. and Mrs. Sommers are on a trip south.

Reginald W. P. Brown, of the house of Nelson H. Brown, who has been one of the most efficient coaches at football for the Harvard team annually for a number of years since his graduation from the university, is to be similarly identified with the 1906 preparatory work.

Buyers in Boston during the week included: C. W. Clough, Pawtucket, R. I.; Mr. Sinclair, with N. C. Nelson, and J. C. Derby, Concord, N. H.; M. F. Wood and Alvin Lawrence, Lowell; W. A. G. Smith, Rockland; Mr. Gurney, Gurney Bros., and H. S. Hewett, Brockton; L. R. Hapgood, Warren; F. M. Nichols, Taunton, and E. S. Brooks, Palmer.

John Nawn, the man of many aliases, who played the substitution ring game in a number of jewelry stores of this city a few weeks ago, was given a year's sentence on the combined charges preferred against him by the Thomas Long Co., C. E. Kattelle, Jacob Scheinfeldt and John R. Knight. A week later he was brought into court once more on complaint of Joseph La Rue and William Russell, and given two months additional on each charge, making 16 months in all.

Ralph H. Cole, head of the Hayden Mfg. Co., took a bride a few days ago, the ceremony being quietly performed at Chicago. His engagement to Miss Kate Maddox, of Orlando, Fla., was made public a few years ago, so the unannounced wedding was only a partial surprise. His eastern relatives and friends were notified by receiving merely an envelope containing a torn bit of paper with the postmark of Rubicon, Wis., "crossed" with two marks in ink.

Attleboro.

Homer Lane has withdrawn from Freeman, Daughaday & Co., Chartley; the firm is arranging to extend its quarters.

Carl M. Wendelstein, who lately withdrew from a local partnership in order to start on his own account, is now engaged in the erection of a small factory near his home on Park St.

When Norman Angus, holding a responsible post with Regnell, Bigney & Co., left last week to take a position with C. H. Eden & Co., his fellow workers in the former establishment presented him with a handsome ring.

J. Lyman Sweet, head of the R. F. Simmons Co., returned, last week, from Europe. He has spent several months in the British Isles, principally engaged in resting from the stress of work which he experienced earlier in the year, and which threatened to break down his health.

President Dowse, of Reed & Barton, Taunton, is spending a great deal of time at the factory just now, doing so ever since his recent return from a trip to Europe. The situation at the plant is one that demands constant attention, as it is given out at the office that orders are now in hand sufficient in number and volume to keep every department running night and day into 1907.

Edward A. Sweeney, of the W. H. Wilmarth Co.; Orlando W. Hawkins, of O. W. Hawkins & Co.; John M. Fisher, of J. M. Fisher & Co.; Charles O. Sweet, of C. O. Sweet & Son Co.; Homer M. Daggett, Jr., formerly of the Daggett Jewelry Co.; Major Everett S. Horton, of the Horton, Angell Co., and Carl M. Wendelstein were manufacturers who attended a public hearing given last week by the selectmen, all speaking at some length. The matter under discussion is a proposed trolley loop in the center of the town, which, if directed to suit the wishes of the business men, will pass nearly a score of jewelry factories, to the great convenience of the many employes.

Leach, Miller & Co. is the business style of a new concern organized last week to carry on the business formerly done by Leach & Miller. The old organization included Edwin Leach and Frank Miller, but the latter, who was junior partner, withdrew some time ago. The succeeding company embraces Edwin Leach, W. E. Richards, formerly executive head of W. E. Richards & Co.; Henry Gibbs, formerly employed by W. E. Richards & Co., and Ralph Gibbs, son of the last named, and employed until lately by William A. Spier. Lockets and bracelets will be the main output, and new quarters have been taken in the Robinson building, which will be much larger and better than the ones formerly occupied. W. E. Richards has not been engaged in active business for over two years. After devoting his best energies to the building up of the former concern he succumbed to overwork, and was obliged to retire and recuperate.

Elof Benson, 260 W. Federal St., Youngstown, O., returned home recently from an extended European trip, which included a visit to his old home in Sweden. He also spent some time in Denmark and Germany.

THE DEMAND FOR
ALL SIZES AND QUALITIES OF
MONTANA SAPPHIRES

SEEMS TO BE INCREASING WHILE THE SUPPLY OF DESIRABLE MONTANAS WILL PROBABLY FALL SHORT OF THE MARKET REQUIREMENTS THIS SEASON

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OF THESE STONES, OUR OWN AND FOREIGN
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JAMES C. BELL, Vice-President
WILLIAM H. ROGERS, Cashier
EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

Connecticut.

Mayor Landers, of New Britain, returned last week from the White Mountains, where he spent a short vacation.

In the show windows in the store of F. L. Wilson Co., Danbury, there is exhibited a collection of hand-painted candle shades, the work of Miss Flora Cutler, of that place.

Edward T. Miles, for the past five years employed in factory "E," International Silver Co., Meriden, has resigned and taken a position as traveling representative for the Biggins-Rodgers Co., Wallingford.

H. L. Wade, president of the New England Watch Co., Waterbury, is making a tour of the New England States in a 45-horsepower Columbia car, after having spent two weeks at Poland Springs, Me.

N. Burton Rogers and wife, Danbury, gave a shore dinner one afternoon last week at their Summer home, at Balls Pond. About 40 persons were at the tables, which were spread on the lawn in front of the house.

C. A. Hapstead, who mysteriously disappeared from his home in Thomaston a few weeks ago, has returned. He had gone to Chicago without informing any of his friends, who were becoming anxious about his welfare.

Daniel Stevens, who died Sept. 9, in Hartford, at one time had been engaged in the retail jewelry business, in that city. The deceased was born in Madison, this State, May 25, 1820. After disposing of his jewelry store he engaged in the furniture business.

An automobile owned and driven by Albert L. Sessions, Bristol, accidentally collided with the public watering fountain of Plainville Center, about a week ago, and completely demolished the apparatus. Mr. Sessions notified the authorities that he would gladly make good the damage.

W. W. Cervantes, who was recently charged with misappropriating funds belonging to the United American Opticians, 213 State St., Bridgeport, by whom he was employed, was recently released after giving bail amounting to $100, furnished by H. C. Reid, a local jeweler. Cervantes vigorously denies the charge made against him, and says that he merely considered the money which he took, an advance, and intended to return it.

The funeral of Ernst Schall, of the Ernst Schall Co., Hartford, an account of whose death appeared in last week's issue of THE CIRCULAR-WEEKLY, was held on Sunday afternoon of last week from his late home, 448 Main St., Hartford, and was largely attended. Among the many floral tributes were pieces from the Saengerbund and Hartford Lodge, F. & A. M. Interment was in Spring Grove Cemetery. The pallbearers were Maj. W. Westphal, Louis F. Detterborn, Martin Senger, C. A. Helfriekt, Frank F. Schrim and Police Commissioner H. Slesinger, who was an intimate friend of the deceased.

E. M. Perham, West Salem, Wis., has sold his store and taken a position with the West Salem Cash Trading Co.

The stock of Woodis Bros., Tipton, Ia., was sold recently at sheriff's sale to Mrs. Barbara Long, who held a chattel mortgage against it.

New Stores and Enterprises.

Perrin Bros. recently engaged in business in Sargent, Nebr.

L. B. Rowley will soon open a store in Kalamazoo, Mich.

D. Neil Wood began business in Manson, Ia., a short time ago.

Greenfield, Mo., now has a new jeweler in the person of A. S. Orr.

R. J. Barnes is about to enter the jewelry business in Muskegon, Mich.

T. C. Mower has made arrangements to start in business at Wheeling, W. Va.

Chas. Coleman recently opened a store at 814 McAllister St., San Francisco, Cal.

J. F. Zeller, on Sept. 8, commenced business as a retail jeweler in Lewisburg, Pa.

H. E. Tucker will soon open a store in Kansas City, Mo., at the corner of 47th and Troost Sts.

C. Van Elsen, formerly of Waupun, Wis., will shortly open a store at 2707 North Ave., Milwaukee, Wis.

A Mr. Morris, of Rockwood, Tenn., contemplates opening a store in Oliver Springs, in the same State.

Lazarus & McGinn have leased quarters for a jewelry store at 700 Van Ness Ave., San Francisco, Cal.

E. W. Dick, formerly of Birmingham, Ala., will shortly begin business at 419 S. Adams St., Peoria, Ill.

Frank Bean, until recently with H. I. Bornstein, Boston, Mass., has begun business in Penacook, N. H.

O. R. Swen, formerly of San Diego, Cal., is now located in Escondido, Cal., where he has opened a jewelry store.

Anton Pashich is a new watchmaker in Aurora, Minn., where he has secured quarters in the store of John West & Son.

Fred. E. Justus, with the Snyder Jewelry Co., El Paso, Tex., will go into business for himself about Nov. 1, in Torreon, Mex.

Chas. Stiller will open a store in Sac City, Ia., about Oct. 1. Mr. Stiller was formerly engaged in the optical business at Wall Lake, Ia.

George Brandt, formerly with the old firm of Kionka & Stuhl, Kansas City, Mo., has gone into the retail jewelry business on his own account in Aguilar, Colo.

Albert E. Lee has started in the retail jewelry business at 1190 Green St., San Francisco, Cal. Mr. Lee was formerly a traveling representative for J. A. Young.

The Chandler Near-Gold Mfg. Co. is the title of a new concern which was incorporated, Sept. 14, in Wilmington, Del., to manufacture a metal resembling gold. The capital stock is $250,000.

A. C. Joss has returned to the jewelry business after spending 12 years in other pursuits. He has opened a store at 339 Indiana Ave., Indianapolis, Ind., where his father was located several years ago.

The South Bend Plating Works is a new concern which filed articles of incorporation at Indianapolis, Ind., a short time ago. The plant is located on E. Washington St. Geo. H. Comstock is manager of the concern.

Dwight A. Parker, for eight years manager of the establishment of Isaac Brush, Bridgeport, Conn., who recently discontinued business at that place, has formed a partnership with Roland S. Kolb and will open a retail jewelry establishment at 9 Arcade, Bridgeport, about Oct. 10.

The Agents' Supply Co., on Thursday, filed its certificate of incorporation in the State of New York. It has authority to manufacture and deal in jewelry, watches and diamonds, also to deal in magazines and books. The capital stock is $25,000, and the incorporators are Charles Mannberger, 28 E. 106th St.; Charles Liquor, 2 E. 11th St.; Carrie G. Denechard, 1422 Madison Ave., all of New York.

San Francisco.

Lazarus & McGinn have opened a neat jewelry store at 700 Van Ness Ave.

Mr. Brown, representing J. B. Whitney, is expected back from the east soon.

E. T. Willis, representing Burr W. Freer, is at present making a trip through Humboldt county.

E. J. T. Von Tiedemann has opened a new jewelry and optical store on McAllister St., near Octavia St.

The Keystone Jewelry Co. is now ready for business in its new store in front of Tait's Cafe, on Van Ness Ave., near Eddy St.

Edmund F. Allsop, of Allsop & Allsop, Newark, N. J., is now on the Pacific coast and will establish a branch office in Los Angeles.

I. Marks, who conducted a jewelry store at 757 McAllister St., is now back at the old location again with a complete line as formerly.

The Enterprise Jewelry Co., located before the fire at 637 Clay St., removed first to 2040½ Sutter St., and is now located at 1112 Golden Gate Ave.

Among the visitors to the trade last week were: P. C. Krogh, Maywards; J. Gordino, Salinas; H. Frutig, Gilroy; George Blakeslee, Tonopah, and G. H. Cook, Phoenix, Ariz.

When the new stores of Shreve & Co. and the W. K. Vanderslice Co. are ready for business, the upper end of Van Ness Ave. will be quite a center for the strictly high-class jewelry trade.

Albert E. Lee, formerly a traveling representative for J. A. Young, has started in business for himself and has just returned from a trip east, where he went to secure agencies. He is located for the present at 1190 Green St.

The Mahone-Mathews Co. has been incorporated and will succeed to the business of Armer & Weinshenk. This firm is composed entirely of San Francisco men who have been identified for years with the trade, and it is their intention to open the largest material house on the coast. A location will probably be secured in the Midway office building, on Market St.

The Mutual Savings Bank building, on Market St., near 3d St., is being rapidly refitted and will be ready for occupancy in a short time. A number of jewelers who had quarters there before expect to return. M. Schussler & Co. have leased almost an entire floor and expect to be able to vacate their present quarters in the Radke building on Bush St. by the beginning of the new year.

J. K. Stebbins, senior member of J. K. Stebbins & Son, Ashtabula, O., while leaving his home a short time ago, fell and sustained a dislocation of the right shoulder.

Canada Notes.

N. B. Wilkins, Galt, Ont., was married Wednesday in Toronto, Ont., to Mrs. Jessie B. McFarlane, of Galt, formerly of Winnipeg.

P. W. Ellis, of P. W. Ellis & Co., Toronto, Ont., returned to Toronto a few days ago, after a vacation trip to Algonquin Provincial Park.

E. G. Amy, late city editor of the *Canadian Trader and Jeweler,* of Toronto, Ont., is going to Manitoba to engage in journalism on his own account.

E. C. Fitch, Jr., Montreal manager of the Waltham Watch Co., accompanied by Mrs. Fitch, Sr., passed through Toronto last week on a trip to the Pacific coast.

In the course of an extensive fire, which destroyed a large part of the business section of Lacombe, Alberta, recently, C. R. Denike, jeweler, was burned out.

Out-of-town buyers calling on the Toronto, Ont., trade last week included: J. B. Kay, Embro, Ont.; J. Vanstone, Palmerston, Ont.; I. Whitesmith, Manilla, Ont.; M. Forhan, Owen Sound, Ont., and J. S. Smith, St. Catharines, Ont.

Walter Poile's jewelry store, at Tilbury, Ont., was broken into by thieves Sept. 19, 1903, and a number of watches, chains and articles of jewelry stolen. The goods were never traced. On Sunday of last week Charles Johnson set fire to a pile of brush near Prairie Siding, in the vicinity, and after it had been consumed found among the ashes a number of watch cases, from which the works had been taken, chains and cuff links. Mr. Poile, upon being communicated with, identified the goods as his property.

Newark.

August Paul Benatre, who had been for many years in the employ of Carter, Howe & Co., as a jeweler, died last Saturday after a lingering illness. He was 62 years old and is survived by a widow and several children.

John Ward and James O'Brien pleaded guilty before Judge Ten Eyck in the Special Sessions Court on Saturday of burglary and of stealing $65 worth of jewelry from an Italian's jewelry store and repair shop, Aug. 28. They were sentenced to two years each in the Trenton State prison.

Andreas Becker, of the firm of Chas. A. Becker & Co., chain manufacturers, with a party of friends, is making a pleasure trip through Niagara Falls, Toronto, Thousand Islands, Montreal and other places of interest about Canada, returning in about two weeks. They will stop along the coast of Maine.

No trace has yet been found of the thief who robbed the house of Leopold Engel, head of the jewelry manufacturing concern of L. Engel Co., 40 Waverly Ave., this city, about 10 days ago. Detective-Sergeant Frank W. Quite has devoted his whole time to the case since the robbery. None of the stolen articles has yet found its way into the pawnshops in Newark, New York, or any other city, so far as is known. Mr. Engel says that the value of the stolen goods is more than $3,000. A list of the stolen property has been sent to police chiefs and detective bureaus in every city.

GORHAM SILVER

"AN ANNOUNCEMENT"

¶ The booklet bearing the above title which has just been issued by the Gorham Company and mailed to their customers will be found of very insistent interest to the Retail Jewelry Trade of the United States.

¶ It will undoubtedly prove especially useful to those Jewelers who are intent upon the judicious replenishing of their stocks of silverware in anticipation of the approaching Fall Wedding Season.

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THE JEWELERS' CIRCULAR
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THE HOROLOGICAL REVIEW,
THE JEWELERS' WEEKLY,
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Dr. George F. Kunz's Report on Precious Stones—(Continued)	45
Odd Figures Made of Baroque Pearls	46
Elsie Bee's Fashions	47
Jewelry Schedules in New Tariff of Roumania	47
Hon. E. B. Vreeland Formally Thanked by Representative Manufacturing Jewelers at Banquet Given in His Honor	49, 57
Developments in Bankruptcy of Simon & Sternberg and Sternberg & Co	57
Jewelers' Bowling League of New York Begins Tournament	57
Meeting of the Pennsylvania Retail Jewelers' Association	59
Death of Conrad B. Hufnagel	59
Death of George D. Kolb	59
New Members of the Jewelers Security Alliance	59
R. McDonald Makes an Assignment	59
Governor of Massachusetts Visits Attleboro Factory	60
Gold Bars Withdrawn and Exchanged	60
Salesman's Sample Case Mysteriously Stolen.	61
End of Street Car Strike Aids San Francisco Jewelers	61
Death of Paul Satz	61
Missouri Jeweler Convicted of Embezzlement.	61
Cincinnati Jobbers Fleeced by Check Swindler.	62
Importations at New York	62
Bankruptcy Petition Filed Against Sol Urbach Following Report of Robbery	63
New Haven Jeweler Robbed on Trolley Car.	63
Death of Isaac N. Miller	63
Thieves Beat and Rob Pittsburg Jeweler	64
Jewelry, etc., Exported from New York	64
The Jewelry Museum at Pforzheim	82c
Patent Department	87
Monster Clocks	93
Anti-Magnetic Watch Shields	97
New Illuminated Clock for Norfolk, Va.	97
The Optometrist's Catechism—(Continued)	105
Another Opinion as to the American Academy of Optometry	106
Optometrical Society of the City of New York New Name of the O. S. C. N. Y.	107
Meeting of the Rochester Optical Society	107
Disorders from Eyestrain	107
Profits Remarkable	108
A Milestone Talk to Employes	108
What May or May Not be Exhibited in the Show Window	108
A Model Jewelry and Optical Store of Northampton, Mass.	109
General Classification of Ceramics	113
Pottery and Porcelain Factory Needed in Brazil.	113
Fancy Bracelets Lead in the Jewelry Trade	115
A Beautifully Carved Meerschaum Pipe	115

A Tribute to Hon. E. B. Vreeland.

THERE are few men in public life who by their work are so well and favorably known in the jewelry trade as Representative E. B. Vreeland, of New York, the man who introduced and had passed, at the last session of Congress, the first national stamping law relating to marks on gold and silver. To thank Mr. Vreeland for what he had done for the jewelry trade representatives of the leading manufacturing interests of the three great jewelry centers, as reported in another part of this issue, gathered together, last week, at a banquet in New York tendered by THE CIRCULAR-WEEKLY, and formally paid a tribute to the Congressman who had so ably and intelligently looked after their interests in the National Legislature.

Mr. Vreeland, who was the guest of the evening, was personally and officially thanked on behalf of the trade. His address in response was an able exposition of the necessity of the enactment of the law, and showed the deep interest that he had and does take in the condition of this industry, indicating to all present that the jewelers were fortunate in having their interests in the fight for legislation in the hands of a man so competent and so willing to work in their behalf. Many of the other speakers dwelt strongly on the disinterestedness of Mr. Vreeland in this work, and while praising him for all he had done, took occasion also to pay tribute to Congressmen in general who, like him, give their time and thought to measures for the general welfare and public good, without consideration of personal or private gain.

THE CIRCULAR-WEEKLY takes this opportunity to thank the speakers of the evening for the many kind words of appreciation which they expressed in acknowledging the work done by this journal in drafting its first bill and crystallizing the sentiment of the trade into one movement to back Mr. Vreeland's work before and after the bill was introduced. Their words and the expressions in the letters on the same subject received from members in the trade will always be remembered with gratitude and pride.

An Important Prosecution.

AN account of a recent prosecution in Missouri, which appears in another column of this issue, will be read with interest by many jewelers, inasmuch as it was based on what is known as a "memorandum" contract. Not only was the contract sustained by the court, but the jeweler who failed to remit for diamonds obtained under it was declared guilty of embezzlement and sentenced to jail for the term of two years.

There is a lesson in this case to both retailers and manufacturers, particularly those of the latter class who have hesitated to bring criminal actions against dealers who have clearly stolen goods obtained on memorandum. The conviction in Missouri will not only serve as a warning to rascals who think they can cheat manufacturers and jobbers with impunity, but will also tend to stiffen the backbone of many wholesale houses who have been under the impression that it was almost impossible to sustain their claims under a memorandum agreement in a criminal prosecution based on the violation of the terms of this contract.

For Uniform State Legislation.

SINCE the passage of the National Stamping Law, which goes into effect next year, the subject of stamping legislation generally has continued to be of the utmost interest to the jewelry trade, particularly as there are yet some points still to be covered so far as State legislation is concerned. The national law has made further State legislation not only possible but imperative, because while it covers the subject to an extent that will practically put a stop to the manufacture of almost all the spuriously marked goods which have injured the legitimate jeweler in the past, nevertheless there are a few loopholes open that a federal act cannot cover, such as the manufacture and sale within one State of improperly marked articles of gold and silver. Compared with the articles shipped in interstate commerce (which the federal law covers absolutely) the articles that may be made and sold within a State are very small in amount or importance. Already the principal jewelry market, *i.e.*, New York, has a law forbidding the use of false marks on gold and silver, and silver and gold laws are already on the statute books of Connecticut and Pennsylvania. In addition, laws relating to silver alone have been passed by Arkansas, Florida, Illinois, Maine, Maryland, Massachusetts, Michigan, Missouri, New Haven, New Jersey, Ohio, Rhode Island, South Carolina and Virginia.

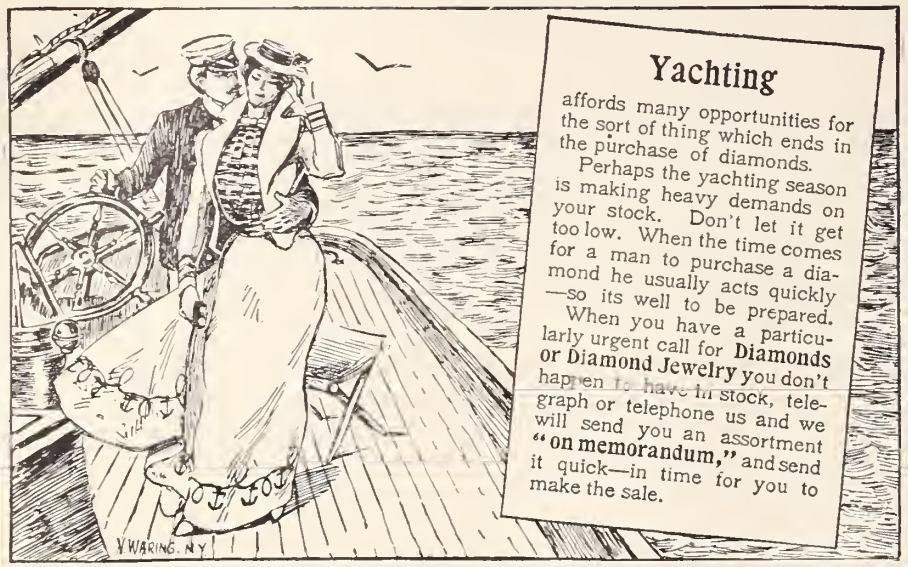
To cover every loophole that may be open in trade distinctly within the States, as well as to avoid confusion by the lack of uniformity between the State and federal statutes covering the subject of marking, THE CIRCULAR-WEEKLY has in preparation a bill drawn on the lines of the national law, copies of which will be sent to the retail jewelers' associations in every State as well as to the leading jewelers throughout the country, for the purpose of having them introduced at the next session of every Legislature. The fact that the Federal Government has already legislated on the subject, and most of the leading States have previously done so in some degree, will cause this movement, which is essentially one for uniform legislation, to meet with little if any opposition whatever.

The State associations, as well as the national association, of the retail jewelers will be forwarded copies of the bill just as soon as work upon it is completed, and their examination of it and an expression of opinion solicited. It will not be introduced until a careful consideration has been given to the subject and all possible defects latent or apparent, have been remedied. Then the jewelers individually and through their associations will have an opportunity of doing effective work for this measure.

In a recent fire in Crab Orchard, Nebr., the store of J. M. Dilworth was destroyed.

J. P. Gordon was recently taken into custody in Walla Walla, Wash., and fined $10 and costs for selling jewelry without a license.

ON MEMORANDUM

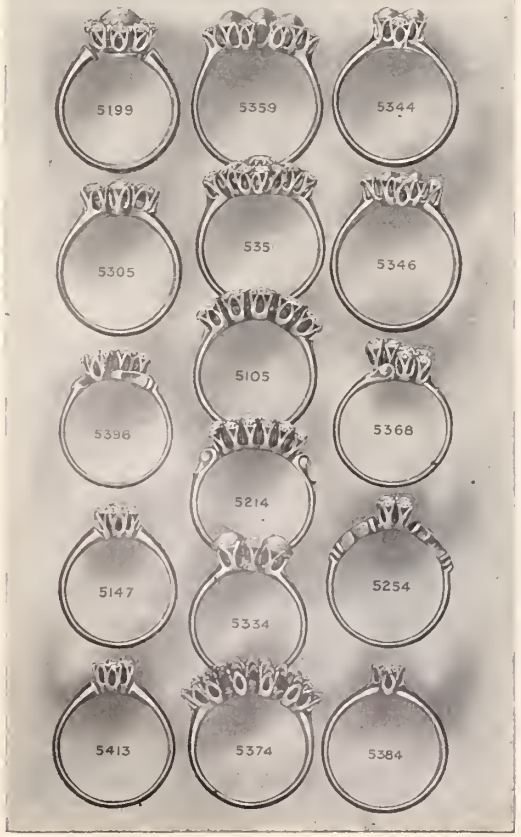


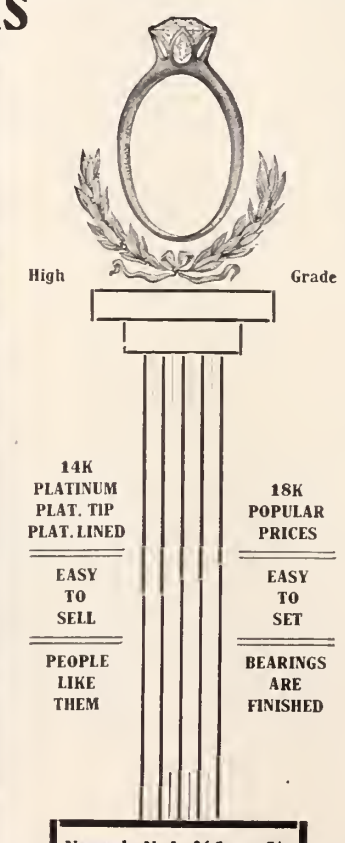
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Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy,

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

BALTIMORE, MD., G. Froelich (Jacob Epstein), Victoria.
W. W. Frederick (Stewart & Co.), Navarre.
E. B. Hutzler (Hutzler Bros.), Grand.

BOSTON, MASS., G. I. Belcher (Jordan, Marsh Co.), Wolcott.
M. Misch (J. A. Houston Co.), Imperial.
Mr. Orkin (Orkin Bros.), Astor House.
G. A. Reidpath (R. H. White & Co.), Imperial.

BROOKVILLE, PA., C. B. Guth, Broadway Central.

BUTTE, MONT., E. F. Mayer, Herald Sq.

CANTON, O., Walter H. Deuble, Astor House.

CHAMPAIGN, ILL., W. I. Ferguson (Ferguson & Craig), Marlboro.

CHICAGO, W. H. Price (Carson, Pirie, Scott & Co.), Wellington.

CINCINNATI, O., A. Plaut (Plaut & Isaacs), St. Andrews.

CLEVELAND, O., E. S. Quinlan (Bowler & Burdick Co.), Wellington.
A. E. Thomas (Scott Dry Goods Co.), Navarre.
H. I. Goldsmith (Goldsmith Bros.), St. Denis.

EASTON, PA., A. P. Spangler (Bush & Bull Co.), Breslin or Grand.

GALVESTON, TEX., M. A. Nobbe (M. O. Nobbe & Co.), Gorham Mfg. Co., 21 Maiden Lane.

HARTFORD, CONN., E. L. Scott (Sage, Allen & Co.), Broztell.

HUNTSVILLE, ALA., F. Karthaus (E. Karthaus Sons), Broadway Central.

KEWANEE, ILL., S. Trask (Trask & Plain), Murray Hill.

LOUISVILLE, KY., W. C. Kendrick (Wm. Kendrick's Sons), Martinique.

MERIDEN, CONN., J. J. Killeen (A. S. Thomas), Normandie.

MILWAUKEE, WIS., L. W. Bunde (Bunde & Upmeyer), Belvedere.

MONTGOMERY, ALA., C. L. Ruth (C. L. Ruth & Son), Cumberland.

PHOENIX, ARIZ., G. H. Cook (G. H. Cook & Co.), Holland.

PINE BLUFF, ARK., B. Gottlieb, Broadway Central.

PITTSBURG, PA., J. A. Hardy (Hardy & Hayes Co.), Holland.

PORT JERVIS, N. Y., H. J. Pippitt, Astor House.

PRESCOTT, ARIZ., G. H. Cook (J. R. Wood & Son), 2 Maiden Lane.

PROVIDENCE, R. I., E. H. Tiffany (Callender, McAuslan & Troup Co.), Navarre.

READING, PA., Miss M. Leyden (C. K. Whitner & Co.), Grand.

SHENANDOAH, PA., B. Levitt, Broadway Central.

SHREVEPORT, LA., J. B. Hutchinson (Hutchinson Bros.), Park Ave.

TROY, N. Y., T. E. Burney (G. V. Quackenbush & Co.), Wolcott.
E. A. Frear (W. H. Frear & Co.), Imperial.

WASHINGTON, D. C., T. F. Finnin (S. Kann, Sons & Co.), York.

WHEELING, W. VA., L. Reutsch (G. M. Snook Co.), Albert.

WILKES BARRE, PA., Miss I. Abrams (Jonas Long's Sons), Victoria.

Dr. W. W. De Aix, an old resident of Lockhart, Tex., and well known throughout western Texas as an itinerant optician, died suddenly at his home about a week ago. He is survived by a widow and several children.

New York Notes.

The engagement of Miss Hanna Harris, with Chas. Keller & Co., to Benjamin M. Harris, is announced.

M. Sabsevitz, formerly of Sabsevitz Bros., who were at 115 East Broadway, will soon open a store at 18 Eldridge St.

According to daily papers, Frank P. Willets, Huntington, L. I., found last week a fine pearl, said to be worth $500, in a clam dug from the mud on the Long Island shore.

Albert Feldenheimer, of A. & C. Feldenheimer, Portland, Ore., arrived in New York a few days ago, and has taken office quarters with his brother, Louis Feldenheimer, 41 Maiden Lane.

A new concern engaging in the wholesale jewelry trade is Geltman & Son, who have opened at 90 Osborn St., in the Brownsville section of Brooklyn. The members of the firm have been in the real estate business, which they will continue.

J. T. Fritts, who has purchased the store of R. G. Higgins, at Flemington, N. J., called in the last week at the office of THE CIRCULAR-WEEKLY. Among other visitors in the last week were P. Jacoby, Kalispell, Mont., and E. F. Mayer, Butte, Mont.

A dozen gold repeater watches and two gold cigar holders were taken by customs inspectors from F. Russina and his wife, who arrived last week from Europe on the *Kaiser Wilhelm II.*, and had failed to declare the articles. The Russinas said that they lived at 173 E. Washington St., Chicago.

An importation by Samstag & Hilder of imitation precious stones set in metal belts was last week held by the Board of United States General Appraisers to be dutiable as manufactures of metal or glass at 45 per cent. This reversed Collector Stranahan, who had classified the articles of jewelry dutiable at 60 per cent.

Edward Holbrook, president of the Gorham Mfg. Co., was among the policyholders who met Wednesday of last week in the Waldorf-Astoria for the purpose of organizing themselves into a committee which will support the present administration of the Mutual Life Insurance Co. in the contest that is being waged against it.

A duty of $5.300 in cash was paid on two pearls which E. H. Gary, chairman of the board of directors of the United States Steel Corporation, carried in his pocket on his return from Europe on the *Deutschland,* Thursday of last week. The duty was computed at 10 per cent., the rate applicable to pearls in their natural condition.

In full composition of all claims against F. W. G. Bartlett, Sayre, Pa., the Jewelers Board of Trade has recently sent out a net 37½ per cent. dividend. The Board recently sent a 33⅓ per cent. dividend to clients who were creditors of the J. W. Putts Co., the Baltimore department store which went into bankruptcy some time ago.

A communication was received last Friday by the Jewelers Board of Trade from attorneys representing C. F. Askins, Oshkosh, Wis., offering to compromise claims at 50 per cent. The attorneys estimated Mr. Arkins' liabilities at $9,768, and his nominal assets, they said, are about the same. On a forced sale, they said, his assets would bring considerably less. The offer of 50 per cent. contemplates the payment of 25 per cent. in cash and the other 25 per cent. in notes.

Reports have been received in New York of the sudden death at Ostend, Belgium, of Justin Wertheimer, who was formerly a diamond dealer at 41 Maiden Lane, and who was widely known in the trade. Back in the '70's and '80's Mr. Wertheimer was quite prominent. He retired five or six years ago, and since then had been living abroad most of the time.

At the regular monthly meeting held last Wednesday by the Board of Directors of the Jewelers Board of Trade, the following new members were elected: The Floyd-Horsman Co., West Somerville, Mass.; S. E. Howard's Son & Co., New York; J. Solinger & Co., Providence, R. I.; S. Spitzel & Co., New York; Zare White, Providence, R. I.

Several nephews and nieces have filed objections to the will of Charles Rubens, formerly a watch importer at 21 Maiden Lane, who died early in the Summer in Paris, where he had made his home for many years. There are bequests to a number of persons and institutions in New York. The value of the estate is variously estimated at $1,000,000 to $2,000,000. The contestants, who live in France, claim that the will was not properly executed and was not the free act of the testator.

John H. Billings, who said that he was a physician living at 363 Lexington Ave., was held last Thursday in $1,500 bail for trial in the Jefferson Market court on two charges of larceny, one made by the Gorham Co. and the other by a department store. The man is accused of buying on July 11 a gold watch and chain valued at $103 at the Gorham store, and having the articles charged to the account of John Shaw Billings, director of the New York Public Library. The department store charges that the defendant bought silver spoons of the value of $24, and had them charged to the account of Dr. John S. Billings, Jr., 32 E. 53d St., a son of the director of the library.

Two men and a boy were arrested last week on a charge of committing a burglary Aug. 23 in the jewelry store of Warren Scarborough, of Jackson Ave., Long Island City, and stealing jewelry of the value of $500. One of the prisoners, Nicolo Carrolla, is 16 years of age, but no larger than an ordinary boy of 10 years. The night of the burglary a small hole was made in a fanlight over the front door of Mr. Selbore's store. No ordinary man could have got through this opening, but Nicolo climbed through without trouble. Dropping to the floor, he opened the door, according to the confession which he has made, and the other burglars then entered and took everything of value that was in sight. Nicolo says that he only assisted in one burglary. The other prisoners are Thomas Rollett and Antonio Lamberti. The boy says that Rollett induced him to assist in the burglary, and paid him by giving him a dinner and taking him to the theatre. According to the boy's story, Lamberti had nothing to do with the robbery. The men were held for further examination in the Long Island City Court, and the boy was sent to the Brooklyn Society for the Prevention of Cruelty to Children.

An appeal to the courts is to be made by the Collector of Customs at New York from a decision of the Board of United States General Appraisers in the so-called picture frame case. In this case M. Knoedler & Co., 355 Fifth Ave., imported a number of picture frames made of gold and set with diamonds and pearls, the value of each frame being about $500. The collector assessed the articles as unset precious stones, claiming that they were dutiable under Par. 434 of the Tariff Law at 60 per cent. An appeal was made to the Board, which overruled the collector and held that the frames were dutiable at 45 per cent. under Par. 193 as manufactures of metal. General Appraiser Sharretts said in his opinion that Par. 434, providing for the 60 per cent. duty, applies to nothing except jewelry, and that there is no classification of precious stones set except as jewelry. Picture frames, in his opinion, cannot be called jewelry, as they are not used for persona' adornment. The Treasury Department thereupon directed the collector to take an appeal. In discussing the matter informally one of the officials raised the point that if the stones may be brought here incased in frames they may afterwards be taken out and used for purposes of jewelry. Another official pointed out that this would be an absurd thing to do, since the stones cut but not set may be brought in at 10 per cent., and therefore there would be no object in putting them in frames and paying 45 per cent.

The arrest in New York last week of "Baron" August Frank Voss, who is said to have several aliases, on a charge of bigamy made by a young woman who married him in Newark, N. J., in 1902, and who now lives at 716 Springfield Ave., that city, recalls the unusual career of the man as a jeweler. He is said to be an expert mechanic, but his title of "Baron" is said to be spurious. After marrying Miss Catherine Durst, upon whom he bestowed the name of Voss, he borrowed $100 from her and $600 from her mother, it is said, and opened a small jewelry store at 549 11th St., Newark. In two months he left. Later his wife joined him at Washington, N. J., where he had found work in a jewelry store. In a few weeks he went again, taking with him, it is said, $2,000 worth of the stock of his employer. He went to Canada, where he was subsequently arrested and brought back to New Jersey. He was sent to the Trenton State prison for two and a half years. Released about 18 months ago, his wife joined him again, and they went to live in New York. Last March he deserted his wife and she returned to Newark. She next heard of him, she said, through the publication of his recent marriage to Blanche Jewett, an actress. It is said that since his release from prison Voss obtained employment at a jewelry store in Amsterdam Ave., New York, but did not hold the position long. At the time of his arrest he was employed in a Fulton St. store in Brooklyn.

The general store of J. F. Fargey & Sons, La Riviere, Man., was recently broken into by thieves, who stole several watches and a large amount of general stock.

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852

81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS, - - - - Cashier.
JOHN H. CARR, - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

REPORT OF THE CONDITION OF
THE MERCANTILE NATIONAL BANK,
at New York City, in the State of New York, at the close of business Sept. 4, 1906:

RESOURCES.

Loans and discounts		$18,058,557.35
Overdrafts, secured and unsecured		910.19
U. S. bonds to secure circulation		1,697,500.00
U.S. bonds to secure U.S. deposits		110,000.00
Other bonds to secure U.S. deposits		200,000.00
Premiums on U. S. bonds		60,712.50
Bonds, securities, etc.		540,904.44
Furniture and fixtures		87,495.36
Other real estate owned		1,632,494.16
Due from National banks		1,129,121.67
Due from State banks and bankers		642,526.70
Checks and other cash items		131,412.33
Exchanges for clearing house		2,728,705.71
Lawful money reserve in bank, viz.:		
Specie	$3,136,447.13	
Legal tender notes	1,060,000.00	
		4,196,447.13
Redemption fund with U.S. Treasurer (5% of circulation)		84,875.00
Due from U. S. Treasurer, other than 5% redemption fund		57,695.20
Total		$31,359,357.74

LIABILITIES.

Capital stock paid in	$3,000,000.00
Surplus fund	3,000,000.00
Undivided profits less expenses and taxes paid	1,648,663.78
National bank notes outstanding	1,542,500.00
Due to other National banks	5,061,507.71
Due to State banks and bankers	2,079,234.33
Due to trust companies and savings banks	2,393,452.50
Dividends unpaid	3,533.50
Individual deposits subject to check	10,691,553.99
Demand certificates of deposit	32,971.03
Certified checks	470,808.34
Cashier's checks outstanding	973,762.37
United States deposits	310,000.00
Bonds borrowed	105,000.00
Reserved for taxes	46,370.19
Total	$31,359,357.74

State of New York, County of New York, *ss.*:

I, JAMES V. LOTT, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief. JAS. V. LOTT, Cashier.

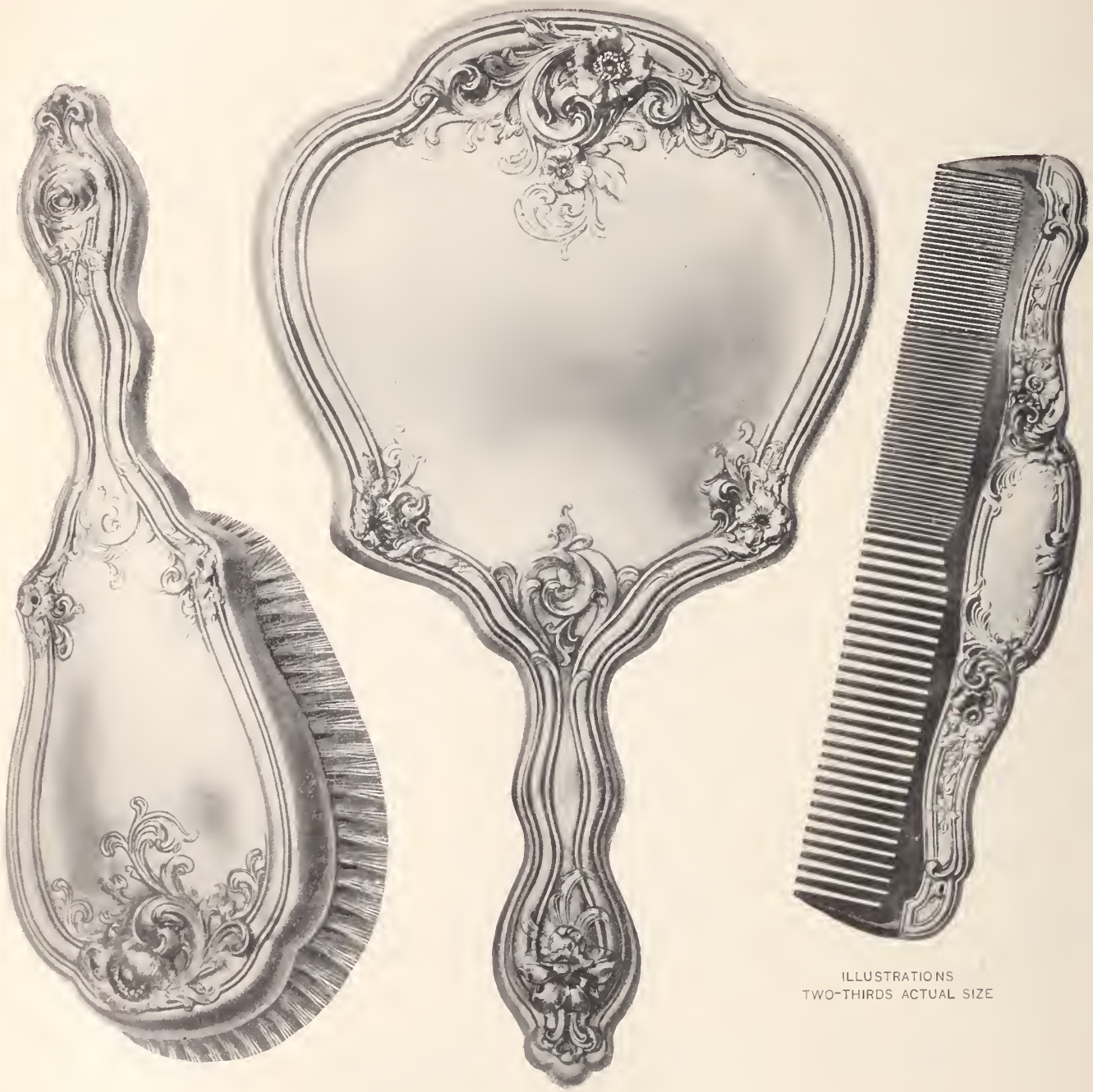
Subscribed and sworn to before me this 7th day of September, 1906.

OLIVER R. MITCHELL, Notary Public.

Correct—Attest:

RICHARD YOUNG,
ABRAHAM STERN,
FRED'K B. SCHENCK,
} Directors.

The VIRGINIA



ILLUSTRATIONS
TWO-THIRDS ACTUAL SIZE

Our latest and richest production in Sterling Silver Toilet and Manicure Goods; made in heavy silver. Brushes fitted with the best English bristles.

READY FOR IMMEDIATE DELIVERY.

FRANK M. WHITING & CO.

New York Office, 41 Union Square NO. ATTLEBORO, MASS.

News Gleanings.

W. Scott Pauley, Gas City, Ind., has sold out.

P. P. Neill, Clarendon, Ark., recently sustained a loss by fire.

J. B. Tappan moved recently from Beaver Dam to Hartford, Ky.

Levi Bever, Hillsboro, Ind., is no longer in business at that place.

C. M. Maxson, Fort Dodge, Ia., has moved to Lincoln, Nebr.

Mrs. Ida B. Ross, Talmage, Nebr., has sold out to Webster & Co.

I. L. Klingensmith, Gas City, Ind., has been succeeded by S. Fisher.

H. G. Clok, Little Rock, Ark., has been succeeded by Fred E. Farley.

P. J. Thomas has purchased an interest in the Palace Jewelry Co., in Bartlesville, Ind. T.

The store of R. M. Culver, Wellsboro, Pa., was considerably damaged by fire on Tuesday of last week.

J. H. Ewen, Farley, Ia., has taken a position as traveling representative for a wholesale house in Chicago.

N. Friedman, Phoenix, Ariz., wore an unusually happy smile last week. Diagnosis—a 10-pound baby girl.

Thieves recently made an unsuccessful attempt to break into the store of I. H. Middleton, Fredericksburg, Va.

John B. Blickle, Rochester, Minn., has just celebrated the 22d anniversary of his business career in that city.

W. T. Blashill, Oxford, Mich., Sept. 15, moved his stock into larger quarters, which have been fitted up with new fixtures.

Alfred Dugay, a traveling representative of Stantony, Kent County, N. S., was recently found dead in bed in a hotel at Harcourt, N. S.

Itinerant venders of bogus jewelry are said to be particularly conspicuous at present in Lincoln, Nebr., where several arrests were made recently.

The Burn Jewelry Co., Birmingham, Ala., has purchased the Calhoun Jewelry Co., of that place. The store at 1907 Third Ave. will be occupied by the new concern, of which E. I. Burn is general manager, about Oct. 1.

Wm. Weisser, formerly of the Goldstein-Weisser Jewelry Co., Peoria, Ill., who left that city six months ago to make a tour of the United States, has returned to Peoria, where he will resume business at 207 S. Adams St. about Oct. 1.

C. W. Ernsting, San Diego, Cal., returned home recently from a business and pleasure trip to New York and other large cities in the east. Mr. Ernsting left San Diego with the local delegation to the Elks' annual convention, at Denver, Colo.

A counterfeiter recently visited Colfax, Wash., where he passed several bogus $10 bills which had been raised from $1 bills. Among the stores which he visited was that of M. G. Parr, where he purchased a watch fob for $1 and received $9 in change for the raised bill.

E. V. Merchant, of the Merchant Jewelry Co., Iola, Kans., has just been appointed traveling time inspector for the Neosho and Motanpiqua divisions of the M. K. & T. Railroad. The Neosho division includes the line from Parsons to Junction City. Mr. Merchant is also local inspector for several other roads.

Two youths who gave their names as Frederick Seibel and James Ekobouski respectively, were recently taken into custody on a charge of stealing rings and several watches from the show window in the store of J. Freed, S. Main St., Pittston, Pa. The boys finally confessed their guilt.

The Syracuse Time Recorder Co., Syracuse, N. Y., contemplates either building or renting a larger plant, as it is reported that the capacity of the present factory at 225 Walton St. will be reached when the extensions to the working force are made this Winter. An increase of $50,000 has been made in the preferred stock of the company, making the total capital $150,000.

The Hinchman building on Main St., Johnstown, Pa., will shortly be remodeled for the use of H. A. Hershberger, now located in quarters on Franklin St., which are inadequate for his increasing business. George Lightcap will be associated in business with Mr. Hershberger in his new location. One side of the establishment will be used for the jewelry business and the other side will be occupied by a line of books and stationery.

Because a photograph of a woman wanted in Fort Scott, Kans., resembled her and was believed at first to represent her, May Barton, the woman who was arrested and held for stealing a diamond from W. A. Kirkham's store, Leavenworth, Kans., and who was about to be released, was not discharged from custody on Monday of last week until the officials had convinced themselves that the authorities in Fort Scott were not seeking her whereabouts.

Thieves, about a week ago, attempted to break into the retail jewelry store of A. A. Shaw, Alfred, N. Y. Mr. Shaw, who sleeps in the store, was awakened about 3 o'clock in the morning and discovered some one trying to open the transom over his front door. Assisted by his two sons and a shotgun, he started after the intruders, who escaped in a cornfield. Several boxes were found piled upon one another under one of the side windows of the jewelry store.

The alertness of a telephone operator in the W. B. Parry building, Langhorne, Pa., prevented a burglary in the retail jewelry store of George E. Ridge, in that building, about a week ago. The operator heard the thieves forcing open a cellar door in the rear of the store, and, looking out of the window, saw two men disappear in the cellar. She at once telephoned for assistance, but the thieves had evidently become suspicious and fled before they could be captured.

The F. H. Sadler Co., North Attleboro, Mass., has had printed a second edition of the booklet dealing with its specialty, "The Norma Bracelet," and is mailing copies to the retail and jobbing trade in general. The booklet contains 24 illustrations of the many designs in which the bracelets are made, each showing the number and price. The back of the book is devoted to description, each number being treated at length. The volume is artistic and complete, and one will be mailed to any person in the trade upon request.

Optical Notes and Briefs.

John Elmer Sharper has opened an optical establishment at 756 Golden Gate Ave., San Francisco, Cal.

J. T. Gallaher, with the Walman Optical Co., Little Falls, Minn., has gone to Missouri on a two weeks' business trip.

The Huteson-Hanney Co. has been incorporated at Seattle, Wash., with a capital stock of $10,000, to engage in the optical business.

Miss D. E. Cooper, optician, Bradford, Pa., has moved from the DuBois building into larger quarters in the Bradford building.

Mrs. Camp, Farmington, Wash., has sworn out a warrant for the arrest of I. Holsman, a traveling oculist, whom she charged with having procured money from her under false pretenses. According to Mrs. Camp's statement, Holsman sold her a pair of "medicated" glasses for $15, the frames of which were supposed to be solid gold. The case was settled out of court by Holsman returning the money and paying costs.

Recent Decisions by General Appraisers on Jewelry and Kindred Lines.

Imitation Jet Crosses—Beaded Articles.—Protest of Scruggs, Vandervoort & Barney Dry Goods Co. against the assessment of duty by the Surveyor of Customs at St. Louis. The Board held (1) that ornaments composed partly of imitation jet beads were properly classified as beaded articles under Par. 408, tariff act of 1897, and (2) that crosses composed in chief value of imitation jet were not jewelry, but were dutiable as manufactures of paste under Par. 112, tariff act of 1897.

Metal Watch Guards.—Protest of Geo. Borgfeldt & Co. against the assessment of duty by the Collector of Customs at New Orleans. Protest sustained on the authority of Veil *v.* United States (128 Fed. Rep., 471; T. D. 25007), relating to metal watch guards.

Imitation Precious Stones.—Protests of Morris Goldberg against the assessment of duty by the Collector of Customs at New York. Protests sustained on the authority of G. A. 6380 (T. D. 27420), relating to imitation precious stones.

Electric Scarf Pins.—Protest of Philip Freeman & Co. against the assessment of duty by the Collector of Customs at New York. Protest overruled on the authority of G. A. 5549 (T. D. 24935), relating to electric scarf pins.

Imitation Precious Stones.—Protest of Carl Blatt against the assessment of duty by the Surveyor of Customs at St. Louis. The importers contended that the merchandise was improperly classified as imitation rather than genuine precious stones. Assessment affirmed.

Reconstructed Rubies.—Protests of H. Levensohn *et al.* against the assessment of duty by the Collector of Customs at Philadelphia. Protests sustained on the authority of G. A. 6336 (T. D. 27278), relating to reconstructed rubies.

P. G. Ellsworth, who formerly conducted a store in Richmond, Vt., has taken a position with A. G. Mansur, Burlington, Vt.



The "CLASSIC"

A new design in the famous

COMMUNITY SILVER

Its simplicity, grace and beauty justify its name.

Ask your jobber.

ONEIDA COMMUNITY, LTD.
ONEIDA, N.Y.

Founded in 1848.

New York Salesroom: 395 Broadway.

Philadelphia.

Emil Bracher, 929 Chestnut St., spent last week in Pittsburg on a business trip.

A. L. Smyth, 5021 Baltimore Ave., has returned from a pleasure trip to Atlantic City.

J. Harry Halt, Mt. Holly, spent a few days last week on a pleasure trip to Atlantic City.

Frank O'Hara, with C. S. Kepner, Chester, Pa., has returned from a week's camping trip in Delaware.

H. Everline, with E. Diesinger, 7th and Sansom Sts., returned this week from a vaeation trip to Atlantic City.

S. J. Lyons, 2258 N. Front St., is preparing to open a branch store on Lancaster Ave., above 40th St., next week.

Albert Caldwell, of the firm of J. E. Caldwell & Co., will return home from an extended trip through Europe this week.

George C. Price, watchmaker for the trade, 726 Sansom St., has returned from a fortnight's pleasure trip by sea to Boston.

F. J. Dorn, a prominent Camden retailer, returned this week from a pleasure trip with his family to Baltimore and New York.

E. Hardegg, watchmaker, has resigned his position with H. McLain, Atlantic City, and has returned to his home in Sellersville, Pa.

Thomas Bunting, with E. J. Hertz, 13th and Chestnut Sts., was made happy last week when Mrs. Bunting presented him with a little Bunting heir.

E. P. Ledos, of the Ledos Mfg. Co., Newark, N. J., stopped off in this city last week upon his return with his family from a week's vacation spent at Atlantic City.

Wm. Breckenbine, watchmaker, has resigned his position with Wm. G. Earle to take charge of the jewelry department of the instalment establishment of George Kelly.

J. Warner Hutchins spent the past week cruising in New England waters as the guest of Otto Eisenlohr, of the Jewelers' Club, on the latter's private yacht. Much of the time was spent at Newport and Narragansett.

G. A. Davison, of J. A. Davison, 718 Sansom St., is reported to have arrived last week in Rotterdam. He will go to Brussels, Paris and Berlin, in search of diamonds. Mr. Davison so far reports that while he has secured some stones at good prices, that diamonds are scarce and high in price.

Most of the jobbing houses will not open to-morrow in observance of a Jewish fast. Among those who will be closed are M. Sickles & Sons, S. M. Stern & Co., Ritter, Kahn & Co., J. A. Schwarz & Co., the Koshland & Italie Co., C. S. Dilsheimer. These firms will also remain closed Saturday week, when Yom Kippur is observed.

The members of Simons, Bro. & Co.'s baseball team, after a most successful season, met their first defeat Sept. 8, when they were beaten by a score of 11 to 10 by a picked team selected from the non-playing members of the same establishment. The game was "nip and tuck" up to the last inning, which decided the game in favor of the picked team, which was captained by James Curran. The regular team was managed by "Teddy" Muehow.

Paul Zachinger, watchmaker for Wm. G. Earle, 11 N. 9th St., is receiving the condolences of the trade because of the death last week of his 17-year-old son, Joseph. The boy had been employed at M. Sickles & Sons, but left to enter the employ of the Pennsylvania Railroad Co. He was killed while crossing the tracks at the North Philadelphia station.

Manufacturing jewelers on Sansom St., between 7th and 8th Sts., were much put about last Friday and Saturday when electrical power, upon which most of them depend for polishing and other work, was cut off pending the making of repairs to the system. In consequence, many retail jewelers were disappointed and little work was done Saturday. Those who were especially affected by the shut-off of the electrical power were Charles Smith, James Barry, John Yardley and B. Gebhard.

The will of Jacob Muhr, formerly head of the old firm of H. Muhr's Sons, was probated last week and disposes of an estate conservatively valued by his executors at $100,000, but believed popularly to have been much greater. Mr. Muhr left $10,000 each to Fannie Muhr, a sister, Philip Muhr, a brother, and Samuel T. Jaquett, a friend. Miss Fannie Price, with whom Mr. Muhr lived at 229 S. 13th St., is bequeathed $500. The sum of $2,000 is devised to the Hebrew Educational Society. The residuary estate is distributed among children of his brothers, Joseph and Philip Muhr.

John J. Shuman, a well-to-do jeweler of middle age, has furnished the trade with no end of amusement recently by the relation of his matrimonial adventures. Mr. Shuman has been on the point of being married a half dozen times, and although these marriages had been duly arranged by correspondence in the approved matrimonial agency style, he has been disappointed by the refusal of the brides-to-be to enter into an alliance at the 11th hour. It is reported that since Mr. Shurman's wife died in June last he has proposed to and been rejected by 28 young women.

Pittsburg.

R. B. Marshall, Freeport, and Frank Worrell, Canonsburg, have returned from vaeation trips spent at New York.

William F. Hoffman, of Heeren Bros. & Co., who with Mrs. Hoffman spent several months in Europe, have returned to Pittsburg. Mr. Hoffman went abroad on account of his health, and was greatly benefited by the trip.

Among the out-of-town merchants who last week visited Pittsburg were the following: J. E. Whitten, Mingo Junction; S. S. Snyder, Dayton; H. S. Johnston, Apollo; Frank Worrell, Canonsburg; T. H. McNary, Washington; R. B. Marshall, Freeport; C. H. Allen, Turtle Creek; J. W. Nichols, Waynesburg; A. Merz, Sewickley.

Isaac J. De Roy, a son of Joseph De Roy, and Miss Irene B. D. Kann, daughter of Mr. and Mrs. M. M. Kann, were married Tuesday evening of last week at the Hotel Schenley by the Rev. Dr. J. Leonard Levy in the presence of a large assembly of friends of the contracting parties. The ceremony took place in the ballroom of the hotel, and was one of the most brilliant affairs of the year, Pittsburg society being especially interested. The decorations were profuse and the presents beautiful. After the wedding supper the bride and bridegroom left for New York and Atlantic City on a wedding trip, and upon their return to Pittsburg will be at home, Oct. 10, to their friends at 113 Evaline St., this city. A number of out-of-town guests attended the wedding. They included: Mr. and Mrs. Emanuel De Roy and Miss Nina De Roy, of Newark, N. J.; Louis De Roy was his brother's best man.

Lancaster, Pa.

E. R. Kant, of the Non-Retailing Co., is home from an extended trip.

F. A. Peters, of the H. S. Meiskey Co., visited Philadelphia last week.

O. Lake, of Lake Bros., New Orleans, La., visited Lancaster last week.

Charles F. Frantz, a former Lancaster jeweler, now of Washington, D. C., is visiting this city.

S. Kurtz Zook was a guest of the Philadelphia Jewelers' Club at a clambake at Torresdale last week.

Miss Helen A. Thurlow, a Philadelphia engraver, is here visiting relatives, as this was formerly her home.

Harry Sobel, a S. Duke St. jeweler, has closed out his business and gone into another line of trade on Manor St.

K. W. Young, a student in watchmaking at the Ezra F. Bowman Technical School, has finished the course and returned home, as has Fred W. Tesh, Reidville, N. C., a student of engraving.

Arthur Forry, of the Hamilton Watch Co.'s factory, pitched last Thursday's game for Lancaster against Harrisburg, of the Tri-State League, and won a decisive victory for the home team.

Members of the jewelry trade are foremost in an effort being made to organize the Retail Merchants' Association. It may lead to the formation of a separate organization of the jewelers, as this plan is also favored in many quarters.

George McKenna, who took a position two years ago as watchmaker for a Havana, Cuba, jewelry firm, returned home Saturday, having no taste to face the troubles he thought he saw ahead, by reason of the present rebellion.

Among the jewelers who recently visited this city were: George Silvey, Gap, Pa.; Henry C. Fohl, Columbia; J. H. Sensenig, New Holland; Jacob Fisher, Elizabethtown; Wm. J. Frazer, Lincoln, Pa.; H. F. Andrews, Strasburg; G. L. Hepp, Lititz.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Sept.	11	$.68¼	31 5-8d.
"	12	.68¼	31 5-8d.
"	13	.67⅞	31 1-2d.
"	14	.67¾	31 7-16d.
"	15	.67¾	31 7-16d.
"	17	.67⅞	31 5-16d.

John C. Denniston has purchased the business of F. L. Ripley, Dansville, N. Y.



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Vol. LIII. CHICAGO, WEDNESDAY, SEPTEMBER 19, 1906. No. 7.

Chicago Notes.

Carl Lochau starts on a trip through Illinois this week.

Lewis Finkelstein, St. Paul, was in the city for a few days last week.

Charles W. Hayden, of the office force of J. W. Forsinger, is on his vacation.

J. H. Ewen is a new addition to the road force of F. W. H. Schmidt for Illinois.

Sol. Hess, of Rettig, Hess & Madsen, is making a visit to his old home at Somonauk, Ill.

F. H. Nelson, of the Chicago office of the Watson & Newell Co., is back from a short trip.

J. A. Lucas, representing the A. H. Bliss Co., is on his trip to the coast by way of Denver.

Eugine Swigert, of E. & J. Swigert, Cincinnati, made a short visit to the trade here last week.

G. W. Cureton, manager of the Chicago office of Henry G. Lefort, is making a trip through the West.

J. B. Lewy, of Lewy Bros. Co., is on a hunting trip with a party of friends in northern Wisconsin.

Walter King, of the Julius King Optical Co., New York, visited the Chicago office for a few days last week.

E. A. Dorrance, western representative of Simons, Bro. & Co., is making a short trip to St. Louis and Kansas City.

C. E. Gridley, of the ring department of Benj. Allen & Co., is spending his vacation at the Thousand Islands.

Lee Metzenberg, manager of the jewelry department of Sears, Roebuck & Co., is the proud father of a fine baby boy.

Clarence E. K. Wooster, who died here Sept. 9, was a brother of E. D. Wooster, formerly with Norris, Alister & Co.

A. M. Keasey, who covers the city trade for Graffe & Stanek, is now on a short trip for that firm through the northwest.

J. M. Tuttle, silver buyer for Hyman, Berg & Co., is making a tour of eastern factories in the interests of his firm.

W. T. Hixon, El Paso, Tex., who has been east for about a month, stopped over in this city for a few days on his way home, last week.

F. J. Lyons, of V. S. Pfenning & Co., St. Marys, O.; W. M. Shlaes, Hancock, Mich.; O. D. Emerich, Freeport, Ill., and N. C. Pabst and wife, Fargo, N. Dak., visited the factory of the Elgin National Watch Co. during their visit to Chicago recently.

The Ravenswood Watch Co. has opened up offices in room 1510, First National Bank building, this city. J. N. Galloway is in charge.

Charles Drown and Ralph Ostby, of the traveling force of Ostby & Barton, Providence, have been visiting the Chicago office a few days.

E. O. Krauss, traveling for the Western Watch Case Mfg. Co., is back from his western trip, and will start on his eastern territory this week.

E. A. Dayton, of E. A. Dayton & Co., has just left for a four weeks' trip through the west. K. H. Milligan, of the same firm, also left for his Iowa territory.

Charles Purdy, of the Judson Emblem Co., and Thomas Stanek, of Graffe & Stanek, have just returned from a fishing trip to Spider Lake, at Hayward, Wis.

Jacob Franks has bought the property located at 208 and 210 Lake St. for $120,000. Mr. Franks conveyed in part payment South Side property to the value of $60,000.

L. B. Rowley, formerly employed by A. C. Wortley, Kalamazoo, Mich., who has resigned his position to open a store at that place, recently purchased his stock in this city.

Charles Stiller will open a store at Sac City, Ia., by the first week of October, having just purchased his stock in this city. Mr. Stiller was formerly in the optical business at Wall Lake, Ia.

Pinkerton's National Detective Agency in this city has sent out to jewelers a circular describing a quantity of jewelry stolen from a hotel at French Lick, Ind., Sept. 8, and offering $500 reward for its return.

R. J. Barnes recently purchased a stock of goods in this city, and will engage in business very soon at Muskegon, Mich. Mr. Barnes has been in the employ of Paul Stamsen, of Muskegon, for some time.

Robert Abt, with Herbert W. Allen & Co., recently suffered a loss by burglars who robbed his flat of $300 worth of jewelry and clothing. Part of the clothing has been recovered from a second-hand shop.

Cyrus Price, New York, who has been visiting the trade in this city, was taken suddenly ill last week and was removed to the Michael Reese Hospital. He was able to leave the hospital after a few days, and is now quite himself again.

Charles A. Wathier died here, Sept. 9, of heart disease, at the age of 54 years. Mr. Wathier was of late years a power in politics in the First Ward, and holding the office at his death of member of the Board of Equalization. He was a member for several years of the wholesale jewelry firm of Joseph P. Wathier & Bros.

The Rev. I. C. Franks, of Marion, Ind., entered a pawnshop in Clark St., near Washington, recently, and following a quarrel with Thomas Smeaton, the clerk in the place, over the value of a watch which he wished to pawn, he says he was beaten and thrown into the street. Smeaton was arrested on a charge of disorderly conduct.

Alois Dostal, son of Frank Dostal, 429 W. 18th St., was accidentally shot by his five-year-old son while at a picnic near Downer's Grove, Sept. 9. He was removed at once to St. Anthony De Padua Hospital, where he died the following day. Dostal was standing near his son, who was seated on the ground playing with a revolver. The weapon was discharged and the bullet struck Dostal in the abdomen.

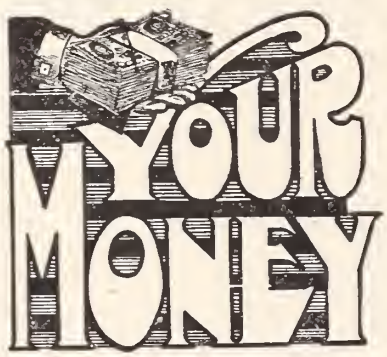
Geo. P. Lord, who for a number of years was the business manager of the Elgin National Watch Co., died at Elgin, Ill., Saturday, in his 88th year. Mr. Lord, who was generally recognized as Elgin's first citizen, was born in Leroy, N. Y., and in 1855 he went to Chicago, where he engaged in business until 1866. In 1867 he became manager for the Elgin factory, which position he held for nine years. Mr. Lord has served as treasurer of the Elgin Insane Hospital, Mayor of the city, and in other offices of trust. He was donor of Lord's Park to the city of Elgin, and financially aided many public institutions. His gifts to Elgin are estimated at $150,000. At the time of his death he was president of the Elgin Academy of Northwestern University, president of the Elgin Y. M. C. A., trustee and founder of the Elgin Old People's Home and trustee of Beloit College.

Among the buyers visiting Chicago trade during the week are the following: A. W. Thoma, Mineral Point, Wis.; C. W. Connoran, Indianola, Ia.; A. E. Elbe, Bloom-

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ington, Ill.; Mr. Murchison, Murchison Jewelry Co., Cheyenne, Wyo.; Mr. Smith, Smith & Delano, New London, Wis.; Walter C. Cramer, Clarinda, Ia.; A. R. McClintock, Griswold, Ia.; W. M. Connon and wife, Lynch, Nebr.; B. R. Kreig, Kewanee, Ill.; G. W. Macomber, West Branch, Ia.; John W. Neasham, Ottumwa, Ia.; M. A. Hagen, Fargo, N. Dak.; O. D. Emerich, Freeport, Ill.; H. G. Davis and wife, Seymour, Wis.; Mr. Kaylor, of Steinmetz & Kaylor, Pekin, Ill.; John C. Scott, Stillman Valley, Ill.; J. F. Lindvall, Moline, Ill.; I. L. Grady, Jackson, Tenn.; Mr. Birely, Sr., of Birely & Son, Oshkosh, Wis.; Miss Ray L. Bowman, Champaign, Ill.; W. S. Still and wife, Delavan, Ill.; Geo. Gose, of Gose & Yost, Shelbina, Mo.; Albert E. Wuesteman, Champaign, Ill.; Joseph S. Pfeiffer, Parsons, Kans.; Mr. Grady, of the Grady Jewelry & Optical Co., Stillwater, Okla.; Norbert Nierel, of I. Nierel & Son, Muscatine, Ia.; Robert P. Kiep, Joliet, Ill.; P. W. Clark, Rensselaer, Ind.; W. J. Graff, Boscobel, Wis.

Minneapolis and St. Paul.

F. A. Defiel, St. Paul, has been nominated for president of the Junior Pioneers' Association.

Chas. M. Erickson, Cedar Ave., South Minneapolis, is a candidate for the public ownership party in the sixth ward.

Visitors in the Twin Cities during the past week include: George Cook, Madison, S. Dak.; Mr. Holverson, of Bombach & Holverson, Alexandria, Minn.; H. C. Schleuder, Janesville, Minn.; K. A. Vick, Decorah, Ia.; Lucian Diacon, Chaska, Minn.; Chas. Swedberg, Hopkins, Minn.

It is reported that the American Diamond Co., Minneapolis, will be formed to develop alleged diamond fields near Plum City, Wis. The company is said to have 2,000 acres of land in that vicinity under option, and will soon begin work on an extensive scale.

Kirchner & Renich, Minneapolis, recently wrote to the Government Secret Service Department, asking definite information on the subject of what is permissible in utilizing gold and silver coins for jewelry. The reply states that gold and silver coins may not be used in any manner which leaves them in condition to be returned to circulation as currency. Copper coins may be used in any manner desired, but may not be plated to resemble gold or silver coin.

In the case of C. A. Lindsey, a jeweler of Johnstown, Pa., charged by Chas. Smith with larceny by bailee, the court on Monday of last week rendered a verdict of not guilty. The defendant averred that Smith had pawned a ring at his store, and later, after the time limit had expired in which the plaintiff might have redeemed the piece of jewelry, the jeweler had disposed of the article.

Over 300 employes of the Towle Mfg. Co., Newburyport, Mass., attended the outing of the silversmiths held at Groveland Pines, about a week ago. The party sailed to Haverhill on the steamer *Merrimac*, whence it was taken in special trolley to the Pines. Numerous athletic events were held, and it was voted by all that the event was the most successful of any held by the organization.

Kansas City.

TRADE CONDITIONS.

From Oct. 6 to 13 the American Royal Live Stock Show will be the attraction here, and being the finest exhibit in the west in the way of a live stock show, it is an attraction which brings thousands of people to town, many of them being jewelers. The majority of the visitors have plenty of money and are generous buyers from the retail jewelers while here. The week of Oct. 13 will be given over to the annual horse show.

E. E. Branch has purchased the business of S. Swarts, his former employer.

Burt Todd has succeeded to the business of the old firm of Powell & Todd, in Mena, Ark.

Jake Levin, of Kionka & Kionka, is expected in from his trip through Nebraska to-day.

C. B. Libby, Weir City, Kans., stopped off in Kansas City last week while on his way to Niagara.

Frank E. Woodington, with J. R. Mercer, has gone to Northern Minnesota on a two weeks' vacation trip.

E. C. Cleveland, with the Woodstock-Hoefer Watch & Jewelry Co., started out for his territory last week.

I. E. Griffin, Elk City, Kans., was in this city last week on his return from a visit to his old home in Logan, Kans.

Word has been received here that C. P. Martin has succeeded to the business of Scott Spaulding, Kirwin, Kans.

J. R. Mercer furnished a loving cup to the Elm Ridge Jockey Club, to be presented to the winner of the golf match.

L. Weixelbaum injured his hand lately and is now suffering from blood poison, but is said to be in no serious danger.

Noble R. Fuller, of the Edwards & Sloane Jewelry Co., has gone to Lees Summit, Mo., to spend a week's vacation on a farm.

John Konrad, formerly of Oshkosh, Wis., has taken a position as watchmaker with his brother, N. H. Konrad, 119 E. 8th St.

The Meyer Jewelry Co. has already started its force to work nights, and will probably continue night work until the first of the year.

Herbert Koppel, who has charge of the material department of the Meyer Jewelry Co., was married, Sept. 12, to Miss Hazel Rosenbaum, of this city.

J. O. Gaskill, Argentine, Kans., has just been elected president of a new building and loan association organized there with a capital stock of $250,000.

H. E. Tucker, of the Tucker Jewelry Co., Higginsville, Mo., was in the city last week, and will soon open a jewelry store here at the corner of 47th and Troost Sts.

L. C. Hudson, Winfield, Kans.; J. R. Hauschildt, Eskridge, Kans., and C. H. Mogle, Winfield, Kans., have enrolled at the Kansas City Polytechnic Institute.

Chas. Jahn, who has been in the jewelry manufacturing department of the Meyer Jewelry Co., is now making a trip through Kansas and Oklahoma in search of a good location in which to open a retail store of his own.

Hugo H. Roman, aged 20 years, who, with a confederate, robbed the store of Grim & Smith, of this city, July 4, on Tuesday of last week was sentenced to one year's imprisonment in the county jail. Roman is said to belong to a good family in Brooklyn, N. Y.

The following new pupils have just enrolled at the Southwestern Optical College: Mrs. Olla B. Huffman, Carman, Okla.; C. H. Mogle, Winfield, Kans.; C. La Mott Hudson, Winfield, Kans.; Frank E. Bowser, Los Angeles, Cal.; J. S. Fisher, M. D., Bartlesville, Ind. T.; C. C. Ellis, Thermopolis, Wyo.

J. R. Mercer has just returned from his trip through the Adirondacks, and reports having left Mrs. Mercer in Danville, N. Y., at the Jackson health resort. He will return to that point the second week in October, and they will then go down to the markets on a buying trip. Mr. Mercer is now closing out his entire line of plated ware, and will in future handle nothing but sterling silver and high-grade stock.

The following out-of-town jewelers called on the local jobbers last week: L. Megede, Richmond, Mo.; A. Marks, Lawrence, Kans.; Dr. A. West, Galena, Kans.; Walter Sperling, Seneca, Kans.; J. B. Rankin, Allerton, Ia.; C. E. Dorall, Kincaid, Kans.; Gale B. Douglas and wife, Pleasant Hill, Mo.; Burt Todd, Mena, Ark.; C. A. Ball, Hennessey, Okla.; S. J. Huey, Excelsior Springs, Mo.; J. L. Kirkpatrick, Oakley, Kans.; M. W. J. Holt, Stillwater, Okla.; Mrs. J. H. Whiteside, Liberty, Mo.; H. L. Morrison, Pittsburg, Kans.; W. A. Peck, Denison, Tex.; C. L. Thomas, of the Santa Fe Watch Co., Topeka, Kans.; J. W. Brasfield, Smithville, Mo.; A. J. Levin, St. Joseph, Mo.; W. S. Noble, Drexel, Mo.; W. F. Kirkpatrick, St. Joseph, Mo.; R. L. Harris, Blue Springs, Mo.; I. Eller, Richmond, Mo.; Geo. Marquis, Pond Creek, Okla.; W. F. Kirkpatrick, Winchester, Kans.; J. W. Schmandt, Holden, Mo.; C. C. Stevenson, Pittsburg, Kans.; Mr. Hall, of Hall Jewelry Co., Horton, Kans.; I. E. Griffin, Elk City, Kans.

Pacific Coast Notes.

W. C. Guerth, Redlands, Cal., has installed new center and wall cases in his store.

L. C. Swain, Richmond, Cal., has leased a store in the new Ludwig building, and will move his stock to the new quarters in a few days.

Al. Johnson, the youth recently arrested in Berkeley, Cal., for stealing a tray full of jewelry from a Shattuck Ave. store, will plead guilty when his case is called for trial, in the hope that he may be placed on probation.

B. Hartfield, Anaheim, Cal., has moved into his new quarters on the south side of Center St. The building has been remodeled and the interior tastefully arranged. Mr. Hartfield expects to enlarge his stock and add some new lines in the near future.

The steamer *St. Denis* has arrived at San Diego, Cal., from the lower coast, with more than 200 tons of onyx on board. It will be sent to eastern cities, but the local onyx company is preparing to install its plant at that place for working the onyx into salable shape.

C. F. Rudolph, Wilmington, Del., on Sept. 10, celebrated the 50th anniversary of his business career. Mr. Rudolph started in the jewelry business at 217 Market St., Sept. 10, 1856, and 10 years later moved to 235 Market St. In 1885 he secured quarters at the corner of 4th and Market Sts.

Cincinnati.

Julius D. Jacobs, of D. Jacobs & Co., is back from his lake trip.

Fred G. Gruen, of D. Gruen Sons & Co., was in New York last week.

Edgar Fox, of Lindenberg & Fox, leaves this week on a trip to the north.

Leonard J. Fox, of the Gustave Fox Co., has returned from a long western trip.

Walter Tyson, formerly with S. & H. Gilsey, will soon go into business at Cairo, Ky.

Miss Ostendorf, with H. Ostendorf, Vincennes, Ind., was a visitor in this city last week.

Jonas Wise and B. S. Newman, of Frohman & Co., have left on business trips west and north.

John A. Herschede, of the Herschede Hall Clock Co., is on an extensive trip to the north and east.

Wm. A. Gahlenbeck, a watchmaker at Pensacola, Fla., called here last week while en route to New York.

Pohlmeyer & Roth are making extensive improvements in their factory and are adding to their force of employes.

Charles Werrmann, formerly with Joseph Noterman & Co., is arranging to open a retail jewelry store at Eastern Ave. and Carroll St.

The two big windows in Jacob Morris' store, upper Vine St., were broken last week by boys while they were throwing stones at each other.

Thieves smashed the glass in a display stand in front of George Simper's store, 717 Vine St., recently, and secured a lot of lodge pins valued at $75.

A. M. Plant, manager of the National Jewelry Co., and his wife were very much surprised last week when they were presented with many handsome and valuable gifts in silver in honor of their 25th wedding anniversary. The event was remembered by their friends, though there was no special celebration of it by Mr. and Mrs. Plant.

Out-of-town dealers who were here last week buying stock and attending the Fall Festival included: F. H. Hauer & Bro., Chattanooga, Tenn.; J. Frank, Chattanooga, Tenn.; W. A. Meyer, of Geo. W. Meyer Jewelry Co., Chattanooga, Tenn.; J. W. Irion, Louisville, Ky.; Jacob Brunn, Louisville, Ky.; T. H. Mattocks, New Decatur, Ala.; E. W. Leeds, Terre Haute, Ind.; E. S. Clifton, Rogersville, Tenn.; O. E. McWaters, Somerset, Ky.; F. G. Meyer, Dayton, O.; J. E. Zimmerman, New Holland, O.; W. L. Hodges, Dayton, Tenn.; Dr. J. E. George, Dayton, Tenn.; T. K. Brunner, Circleville, O.; Mr. Leivie, Aurora, Ind.; W. J. Hinds, Rockwood, Tenn.; E. Halliday, Gallipolis, O.; E. J. Hibner, Hamilton, O.; Ray McComb, Hamilton, O.; A. J. Winters, Paris, Ky.; O. Sherrwood, Cynthiana, Ky.; Peter Brown, Greenwood, Miss.; Mr. and Mrs. Charles Hunnicutt, Rockville, Ind.; B. W. Akers, Knoxville, Tenn.; F. G. Wittlinger, Middletown, O.; Andrew Aman, Dayton, O.; F. G. Meyer, Dayton, O.; A. E. Axman, Middletown, O.; Mrs. Bessie Lindenstruth, Pensacola, Fla.; Mrs. L. M. Kaelin, Nelsonville, O.; H. L. Rost, Columbus, Ind.; J. C. Meyer, Harrison, O.; J. A. Powers, Owensville, Ky.

If You Know the Marks

you are not confined to the limitations of your stock, but will be able to supply any goods desired. Frequently a resident of a town or city will return from a visit to a larger city, bringing back an attractive novelty or piece of jewelry that is greatly admired by her friends, who will probably want to obtain others like it. They will first call on a local jeweler and if he is not an up-to-date jeweler he will turn them away disappointed because he has not the articles in stock. If, however, he is a progressive dealer, he will examine the trade-mark on the article, identify the maker and send for a line on memorandum. He will tell his prospective customers that he has not the goods in stock just at present, but will have them in a few days. He will make a sale, and every sale counts. But more than this, he will agreeably surprise and please his patrons and will convince them that it is not necessary to go out-of-town to obtain the latest and best productions of the jeweler and silversmith.

"TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES"

(Second Edition)

will enable the jeweler to identify the maker of any article embraced in the jewelry and kindred trades. It illustrates 4,000 marks and covers every branch of the trade. It also contains much interesting and valuable reading matter on the subject of trade-marks in general.

One jeweler, after having the book for a while, wrote: "This book has been invaluable to us upon many occasions. Like the cowboy's pistol, 'tis not required every day, but when needed it is wanted quite bad."

PRICE $3.00,

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The Jewelers' Circular Publishing Co.,

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Just Issued.

1906-1907 EDITION

OF

THE JEWELERS' CIRCULAR-WEEKLY

Buyers' Directory

OF THE

Manufacturers, Importers and Jobbers

IN THE

JEWELRY AND KINDRED TRADES

A Handy, Classified List for Desk or Pocket

Price, 50 Cents

The Jewelers' Circular Publishing Co.

11 JOHN ST. - NEW YORK

(Corbin Building)

Omaha.

W. H. Crabill, Nehawka, Nebr., will soon move to Plattsmouth.

Douglas Melchor, watchmaker, West Point, Nebr., has taken a position with Albelt Edholm.

F. W. Knapp, Cambridge, Ill., arrived here last week to become a salesman for Albert Edholm.

L. S. Robinson, Glenwood, Ia., was in this city recently purchasing a line of new fixtures for his store.

Ed. Keating, formerly with Otto W. Young & Co., Chicago, is now with the A. F. Smith Co. as city saiesman.

F. E. Sandwall, South Omaha, who has been confined to his home with an affection of the eyes, is able to be out again.

Fred Brodegaard & Co. will supply the 300 gold medals to the Danish Brotherhood Convention, to be held in Council Bluffs, Ia., Oct. 1.

E. H. Leffert, Council Bluffs, Ia., well known in this city, furnished the crown for the coronation of the Queen at the recent carnival, held in that city.

J. E. Huteson, of the Huteson Optical Co., accompanied by his family, returned home last week from a six weeks' visit in San Francisco, Cal., and in Seattle, Wash.

S. H. Clay, Long Pine, Nebr.; B. F. Smith, Valley; W. J. Legg, Hastings; Ed. J. Niewohner, Columbus; H. G. Anderson, Fremont; Theo. Sims, Hastings, and W. D. Wilson, Malvern, Ia., were in this city last week replenishing their stocks.

On Thursday afternoon of last week Harry Oliver, representing Tarrant & Gismond, New York, upon entering the Millard Hotel, in this city, took $200 in money and a diamond shirt stud valued at $250 and handed them to the man back of the desk for safe keeping. He was given an envelope in which to put his valuables, and at the same time was told he would not be given a receipt for them. When Mr. Oliver called for the envelope at 9 o'clock the package was not there and none of the hotel employes knew anything about it. Mr. Oliver thought the clerk had taken the valuables, but the guilty one proved to be a bellboy, who took advantage of the regular clerk's absence. The boy was immediately placed under arrest. After hearing all the evidence the police decided to let the boy go, and now Mr. Oliver is suing Rome Miller, proprietor of the hotel.

Cleveland.

TRADE CONDITIONS.

Cleveland jewelers are looking for an excellent trade this Fall and for the holidays. General business conditions are good, all the mills are running on full capacity, and there are no unemployed men in the city, except those who will not work. Such conditions insure a uniform circulation of money and provide everybody with an amount that brings prosperity. It can be said that salesmen for the wholesale houses are finding this to be true of the greater part of the territory they cover. Their sales have been good and the retailers expect to do a good business.

C. C. Sigler, of the Sigler Bros. Co., who spends most of the Summer months at his country home near Cortland, was in the city a few days recently. Edmund F. Mallet, with this house, is spending two weeks at his old home.

Capt. R. E. Burdict recently returned from his annual trip to Europe.

John Murray, of Shanabarger & Murray, was called to the bedside of his mother, in Indiana, last week, because of her serious illness. John Shanabarger, of the same house, has just returned from a week spent in squirrel hunting down the State.

The Bowler & Burdick Co. has brought suit against W. J. White, the millionaire chewing gum manufacturer, and Mrs. White to collect $460.37 with interest from Sept. 1, 1906, which is claimed to be due on a bill for goods purchased by Mrs. White in 1904 and 1905. The wife has brought suit against Mr. White for divorce and the jewelers' suit is a result of this, it is said.

St. Louis.

Mr. and Mrs. O. E. DeWorthen, Columbia, Mo., were here last week combining business and pleasure.

Mrs. Armstrong, of the Armstrong Jewelry Co., one of the few women jewelry buyers in this market, visited this city last week.

A. O. Grimes, of the silverware department of the Mermod, Jaccard & King Jewelry Co., has returned from a vacation spent in Michigan.

F. W. Drosten, of the F. W. Drosten Jewelry Co., who is abroad with Mrs. Drosten, expected to sail yesterday for America from Plymouth on the *Kronprinz Wilhelm*.

M. Schinderman, who travels for the L. Bauman Jewelry Co., in a portion of Kansas, Missouri and Illinois, was compelled to discontinue his trip on account of illness. He is now at Hot Springs.

Fred H. Marcus, Denison, Tex., came here last week to meet the body of L. B. Kreutz, a nephew, who died in Pennsylvania as the result of a railroad accident. The funeral of Mr. Kreutz took place Friday in Fulton, Mo.

The Mermod, Jaccard & King Jewelry Co. furnished the souvenirs for presentation to members of the Veiled Prophet's Association. The souvenirs consist of perfume bottles and puff boxes of cut glass with inlaid silver.

On the list of wholesale jewelers who donated prizes for the outing of the Retail Jewelers' Association of Missouri at Forest Park Highlands, Sept. 5, the name of the St. Louis Clock & Silverware Co. was omitted through an error.

Among the out-of-town jewelers who called on the trade here last week, not elsewhere mentioned, were: M. E. Lackner, Paragould, Ark.; R. Gillies, Fredericktown, Mo.; O. Greenstreet, M. L. Greenstreet, Owensville, Mo.; August Jacobs, Quincy, Ill.

Information was received in St. Louis last week that a bold diamond robbery had been attempted recently at Carthage, Mo. While the parade of a circus was passing through the streets of the town thieves entered the store of Wm. T. Roach by a rear entrance, and were making away with diamonds valued at $2,000 and a tray of gold watches, when the thief struck a dish, which fell and broke, sounding an alarm. The thief was pursued and Will Wade, a former convict, was captured with the diamonds in his possession.

Indianapolis.

Will Reed, of J. H. Reed, is spending a vacation in northern Michigan. He is accompanied by Mrs. Reed.

Owing to the pleasant weather the A. P. Craft Co. has not yet resumed Saturday afternoon work. Mr. Craft is about to increase his force from 18 to 25.

Streng & Lux are now well settled in a new store at 203 Indiana Ave., having moved from 217 Indiana Ave. The firm has just completed improvements in its new store.

Leonhard Schurr, 328 Indiana Ave., will shortly add an optical department. His optician will be William G. S. Schaefer, a graduate of the American Optical College, Detroit.

Gray, Gribben & Gray have erected a mahogany cashier's desk in the center of their large store room. A. R. Gray, of the firm, has returned from a vacation spent at Mackinac.

Fletcher M. Noe, 103 N. Illinois St., is enjoying a fishing trip in northern Canada. A letter received from him last week was sent from a place about 400 miles north of Quebec.

Augustus P. Craft, head of the A. P. Craft Co., is in Wisconsin, where he and a number of other Indianapolis men are interested in a zinc mine. Mr. Craft decided to combine business and pleasure on his vacation trip this year, so went to his zinc mine, where he will aid in installing new machinery.

Improvements have just been completed in the establishment of Charles B. Dyer, in Massachusetts Ave. A glass partition now separates the heavy machinery from the engravers and watchmakers. The Dyer firm is turning out a number of handsome articles. Loving cups for the Canoe Club and Battery A, Indiana National Guard, were recently completed. One was of copper and the other of bronze.

Horace A. Comstock has suggested to the Board of Park Commissioners that a fish hatchery be established at Riverside Park. He proposes that the city set aside several acres of ground, and that the expense of equipping the hatchery be covered by subscription. The jewelers of the city are interested inasmuch as a number of them are loyal disciples of Isaac Walton. Among the fishermen are Mr. Comstock, T. W. Gardner and his two sons, Ed and John, Julius Walk, A. P. Craft, F. M. Herron, Charles Kiefer and Ikko Matsumoto.

The State fair last week brought to the city many out-of-town jewelers, who took advantage of their visit here to call on the manufacturers and jobbers. Among those who came to Indianapolis were: J. H. Wetz, Sulphur Springs; J. A. Pickett, New Castle; Aaron Pursel, Noblesville; J. A. Meissen, Cicero; D. S. Whittaker, Lebanon; H. Wheeler, Dana; N. W. Myer, Crawfordsville; E. O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion; Mrs. B. Maier, Edinburg; George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Roberts, Veedersburg; A. R. Cooper, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred W. Green, Elwood; A. B. Westberry, Rankin, and Dr. Conway, Van Buren.



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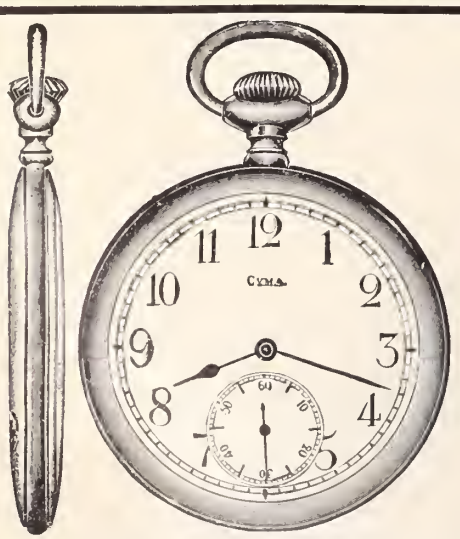
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2 & 4 Maiden Lane, New York



Ralph Burrell, formerly with Gurney Bros., Brockton, Mass., is now on the road as salesman for the Perry-Aldrich Co., Boston, Mass.

Traveling representatives who visited the trade in Toronto, Ont., recently, were: George B. Kenrick, Reed & Barton; Mr. Manning, S. Sternau & Co.; Geo. Chillas, manager, and C. B. Cruise, traveling representative of the Gorham Co.

The following traveling representatives were in Savannah, Ga., recently: Raymond Traylor, Krementz & Co.; K. D. Yeaton, S. Sternau & Co.; D. H. Havens, International Silver Co.; Fred Casper, Mauser Mfg. Co.; W. H. Sparks, Seth Thomas Clock Co.; J. Ira Seebacher, Henry Froehlich & Co.; A. F. Belcher, Gorham Co.

Traveling men visiting Boston, Mass., included: G. R. S. Killam, Killam Clock Co.; Charles Boss, American Cuckoo Clock Co.; Mr. Adler, New York & New Jersey Lamp & Bronze Co.; Edward A. Sweet, Sussfeld, Lorsch & Co. (who stopped over in Boston on his return trip from Nova Scotia); A. Rosenthal; C. F. Moore, Schmitz, Moore & Co.; John D. Rapelye, J. D. Bergen Co.

The following traveling representatives visited the trade in Lancaster, Pa., recently: William D. Hicks, Jr., J. A. Whaley & Co.; Ben. Cooke, B. J. Cooke's Sons; C. A. Crist, L. E. Waterman Co.; Walter S. Strauss, Jacob Strauss & Sons; A. C. Wurster, Edward Todd & Co.; Morris Friedman, Morris Friedman & Co.; William Froelich, Manasseh Levy & Co.; Max Guntzberger, Fred. Kaufman; George S. Melville, F. B. Rogers' Silver Co.; H. A. Platt, Rees & Yankauer.

Among the traveling representatives who called on the trade in St. Louis, Mo., last week, were the following: Donald LeStage, H. D. Merritt Co.; J. Rosenberg, S. K. Grover Co.; Charles L. Drown, Ostby & Barton Co.; Mr. Sherman, estate of O. M. Draper; Harry B. Kennion, Parks Bros. & Rogers; Mr. McLaughlin, E. S. McLaughlin & Co.; S. H. Brower, Edwin Lowe & Co., Inc.; Mr. Fox, Fox & Co.; J. W. Stoneburner, Capron Co.; S. E. Bolles, William Scheer & Co.; A. M. Thanhauser, Wolfsheim & Sachs; G. W. Harder, Niagara Cut Glass Co.; Mr. McClannin, International Silver Co.; Mr. Dorrance, Simons Bro. & Co.; George S. Melville, F. B. Rogers Silver Co.; F. L. Pettee, Waterbury Clock Co.; H. M. Heymann, L. Adler & Son; C. L. Krugler, Mandeville, Carrow & Crane; J. Williams, Fera & Kadison; T. S. Sturgis, Perley Bros.; Charles B. Evans, John R. Keim; Lewis P. Cook, S. Sternau & Co.

The following traveling representatives called on the trade in Kansas City, Mo., the past week: G. W. Harder, Niagara Cut Glass Co.; Mr. Clinger, T. G. Hawkes & Co.; H. B. Kline, Stott Bros.; Chas. L. Drown, Ostby & Barton Co.; Edw. O. Krauss, Western Watch Case Mfg. Co.; Jos. S. Frank, Sussfeld, Lorsch & Co.; Fred D. Smith, Reeves & Browne; Leonard James, Fox, Gustave Fox Co.; A. Warren White, Fairchild & Co.; R. B. Carr, Link & Angell; Max Huss, S. & A. Borgzinner; W. S. Metcalf, Plainville Stock Co.; Mr. Sherman, estate of O. M. Draper; W. S. Dudley, Rogers, Smith & Co.; Frank W. Collom, Sulzberger Bros.; Chas. E. Ryder, Sigsbee Co.; Mr. McNamara, Detroit Umbrella Co.; M. Ettinger, Heyman & Kramer; S. W. Abbey, E. Ira Richards & Co.; T. B. Ross, John Russell Cutlery Co.; Jos. P. Coyle, Whiting Paper Co.; T. S. Sturgis, Perley Bros.; Jul. F. Schuman, Jr., William Kinscherf Co.; A. M. Dueber and M. Loeb, Dueber Watch Case Co.; W. H. Alger, North American Watch Co.; Geo. Cureton, Henry G. Lefort.

Traveling representatives who called on the trade in Omaha, Nebr., last week, were: Mr. Fry, Fry Bros.; A. W. Wagner, Wagner Bros. & Co.; Mr. Crowley, Chas. J. Tagliabue Mfg. Co.; G. W. Harder, Niagara Cut Glass Co.; Mr. Sichel, Bonner & Co.; E. A. White, Geo. L. Vose Mfg. Co.; Mr. Fisher, Furbish, Swift & Fisher; Chas. E. Sutton, Flint, Blood & Co.; M. W. Potter, J. M. Fisher & Co.; N. Wolffe, N. Wolffe & Co.; Emil Pick, Hammel, Riglander & Co.; Frank W. Collom, Sulzberger Bros.; Rudolph Noel, Rudolph Noel & Co.; C. W. Edwards, Chas. E. Hancock Co.; Harry B. Kennion, Parks Bros. & Rogers; Leonard James Fox, Gustave Fox Co.; Geo. W. Beardsley, Allsopp & Allsopp; Charles L. Drown, Ostby & Barton Co.; G. L. Abrams, Geo. Borgfeldt & Co.; M. Gluck, Arnstein Bros. & Co.; A. M. Brinckle, C. F. Monroe Co.; Ira W. Smith, Horton, Angell Co.; William Klipper; S. W. Abbey, E. Ira Richards & Co.; Jules F. Schuman, Jr., William Kincherf Co.; G. D. Laurens, Reed & Barton; A. H. Clinger, T. G. Hawkes & Co.; C. H. Anderson, Ross, Saltman & Anderson; M. H. Mason, James E. Blake Co.; Harry Oliver, Tarrant & Gismond; C. H. Davidson, Codding & Heilborn Co.; L. Bruns, Juergens & Andersen.

Traveling representatives who called on the Cincinnati, O., trade, during the past week, included: Ben Eichberg, Eichberg & Co.; Henry Delerson; William A. Lamb, George H. Fuller & Son Co.; Max Jacohy, Manchester Mfg. Co.; Max G. Cohn, Max G. Cohn & Co.; E. R. Pope, Graham & Williams; B. Samuels, Brainard, Wilson & Co.; Martin Meyer, A. & E. Leather Goods Co.; H. Rosensteil, B. H. Davis & Co.; Mr. Kadison, Fera & Kadison; Max Huss, S. & A. Borgzinner; William W. Middlebrook, B. A. Ballou & Co.; James R. Palmer, Henry A. Kirby; M. E. Heise, Langfeld Bros. & Co.; J. H. Miller, Chester Billings & Son; John J. Murray, Higbie, Barbour Mfg. Co.; George Howard, Towle Mfg. Co.; John Moffett, Battin & Co.; Mr. Newburger, R. Blackinton & Co.; Mr. Washbourne, Graff, Washbourne & Dunn; Mr. Gregory, Strobell & Crane; Charles S. Down, F. H. Cutler & Co.; J. T. Griffith, Jr., Carter, Howe & Co.; Mr. Ford, Ford & Carpenter; George S. Melville, F. B. Rogers Silver Co.; Mr. Stanley, estate of O. M. Draper; H. A. Scofield, Scofield, Melcher & Scofield; J. R. Carmichael, Bride & Tinckler; Edward O. Krauss, Western Watch Case Mfg. Co.; Harry Mix, Wightman & Hough Co.; Mr. Fox, Fox & Co.; Mr. Bernstein, Tutbill Cut Glass Co.; F. J. Rider, Walter E. Hayward.

Recent Reappraisements of Diamonds, Watches and Jewelry.

Reappraisements of diamonds, watches and jewelry were announced last week by the Board of United States General Appraisers as follows:

DIAMONDS.—From T. Homig, Amsterdam, exported Aug. 20, 1906, entered at New York (File No. 41295); findings of Sharretts, G. A.: 151 brill., 94⅛ carats, entered at 195 D florins per carat. Discount, 4 per cent. No advance.

WATCHES.—From Ste. Anon. des Magasino Reunis, Paris, exported June 21, 1906, entered at Baltimore (File No. 40845); findings of Howell, G. A.: Advanced by addition of 5 per cent. commission added on invoice but deducted on entry.

JEWELRY, ETC.—From Martin Mayer, Mainz, exported May 9, 1906, entered at Chicago (File No. 40587); findings of Hay, G. A.: Silver filigree jewelry and bric-à-brac, entered at 230, advanced to 250 marks per kilo; do., entered at 250, advanced to 300 marks per kilo. Discount, 2 per cent.

Savannah, Ga.

R. Van Keuren, of R. Van Keuren & Co., has returned from a trip to New York.

S. E. Theus, of Theus & Co., has been appointed chairman of the Amusement and Entertainment Committee to arrange for the meeting of the Georgia division United Confederate Veterans, to be held in Savannah in November.

Albert Miller, Perham, Minn., who recently underwent an operation, has recovered and is again at his jewelry store.

Frank Berry, who was recently arrested in Cleveland, O., for the robbery of Roehm & Son's store, Detroit, Mich., has pleaded guilty.

The Jewelry Museum at Pforzheim.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from *Le Moniteur de la Bijouterie et de l'Horlogerie.*)

AN art writer, Monsieur Antony Valabrègue, who recently visited Pforzheim, has written as follows in the *Revue des Arts Décoratifs,* on the Museum of Jewelry of that city, which is also annexed to the School of Art:

The Museum at Pforzheim is a special museum of jewelry; it was founded with sufficient resources to be appropriated to the needs of that city and of the Grand Duchy of Baden, and it indeed presents the aspect of an exceptional establishment. One can understand how many difficulties its founders had to solve when moved to realize, in a place like that, the desires they felt. However that may be, the committee named by the society has, from the start, done all it could, and it regularly continues to make acquisitions. In forming the collections it has been aided by temporary loans, by numerous gifts due to the generosity of manufacturers who possessed ancient models, and to collectors who kindly relinquished choice objects.

The museum is installed in the first story of the school building, and occupies three rooms of considerable size. In a gallery which overlooks the vestibule large windows enclose, one reproductions in plaster, the other reproductions in galvanoplastic, of several pieces of silverware which are celebrated in Germany. Such windows are repeated in the rooms, and we can but praise their arrangement. Each room is well lighted, and the manner in which the objects are placed shows them off to advantage. At the rear of the principal room we remarked a stained window representing Painting, which was executed by William Schell, at Offenbourg. The work was given by a resident of Pforzheim in 1895.

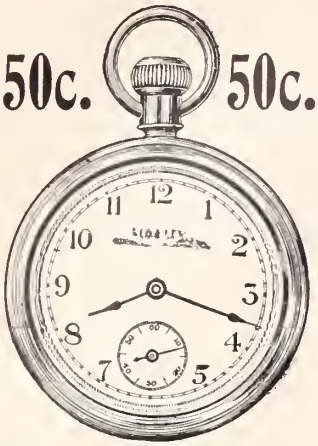
The jewels are shown with a view to possibilities, according to style, period and origin. Works of horology, metals, plaques and medals, specimens of all the industrial arts attached to jewelry, offer numerous elements of comparison. One observes, here and there, alongside of ancient objects, others which are samples of present production. From this assemblage of articles and their lessons, one passes, to stop perhaps finally before the works of students who have gained first prizes.

We cannot conceive of any other arrangement for a museum of jewelry, especially when it is called upon to be, as this one is, a tender for incessant instruction.

Porcelain vases, small table services, etc., from Tiffany, and silverware from Christofle, are seen at the museum. A delicate cup, a little ceramic masterpiece, pink, with border of silver ornamentation, comes from a Nancy house.

The industry of mussel shell hunting is said to have developed to a considerable extent in Carbon, Ind., where it is reported four pearls, valued at about $900, were found a short time ago. A dispatch from Petersburg, Ind., states that 150 men recently began hunting pearls in the Patoka River, near that place.

50c. 50c.



Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....50c
In lots of 50, each.....49½c

Freedom Oxidized—Same as above in black gun metal case, each.....55c
In lots of 50, each.....54c

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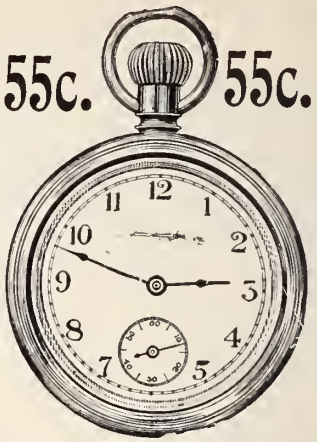
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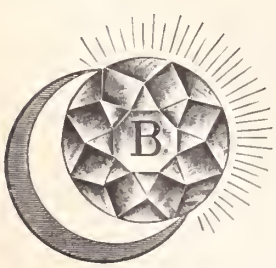


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INDEX TO ADVERTISEMENTS.

Abel Bros. & Co. 34
Adams & Siugleton 64
Aikin-Lambert Co. 123
Allsopp & Allsopp 35
Allsopp Bros. 31
Alsterlund, H. E., & Co. 43
Alviu Mfg. Co. .....Inside frout cover
American Cuckoo Clock Co. 104
American Gem & Pearl Co. 66
Americau Platinum Works. 110
Apollo Silver Co. 116
Arch Crown Mfg. Co. 70
Arnstein Bros. & Co. ....54, Outside back cover
Ascheim, Jules 90
Austin, John, & Son. .....Outside back cover
Aztec Turquoise Co. 56
Bagg, Perine & Co. 62
Baker, Geo. M. .....Outside back cover
Ball, Webb C., Watch Co. 78
Bard, A. C., & Co. 82*d*
Baschkopf, Jacob 52
Bassett Jewelry Co. 42
Bates & Bacon 28
Benedict Mfg. Co. 38
Bergc, J. & H. 110
Bigalke & Eckert Co. 82*b*
Bigney, S. O., & Co. 4
Billings, Chester, & Son. 58
Bing, Ferdinand, & Co.'s Successors. 112
Bishop, R. W. 123
Blackinton, R., & Co. 19
Blackinton, W. & S., Co. 14
Blancard & Co. 90
Boote, Edward 117
Borrelli & Vitelli 25
Bowden, J. B., & Co. 31
Bradley Polytechnic Institute 117
Brettner, R. 32
Brower, Maurice 58
Bruhl Bros. & Henius Co. ..Outside back cover
Buckley, Samuel, & Co. 33
Bunde & Upmeyer Co. 54
Carrington & Co. 32
Carter, Howe & Co. 33
Chatham National Bank 72
Chopard Frères 56
Cohen, Jules E. 64
Conley & Straight 123
Cooper Diamond Co. 58
Cooper & Forman 90
Cottle, S., Co. 34
Crohn, M. 33
Cross & Beguelin 43, 70
Crossman, Chas. S., & Co. 62
Crossman Co. 60
Crouch & Fitzgerald 36
Dattelbaum & Friedman 86
Day, Clark & Co. 35
Deacon, Louis J. 116
Dederick, James H., Sons. 123
Depasse Mfg. Co. 34
De Selms Watch School 104
Diamond Point Pen Co. 123
Didisheim, Hipp. & Bro. 100
Donnelly, J. J. 110
Dorflinger, C., & Sons 114
Dubois Watch Case Co. 122
Dulk, Robert 34
Durand & Co. 32
Eden, C. H., Co. 29
Eichberg & Co. 64
Elgin National Watch Co. 94
Eliassof Bros. & Co. 104
E. P. H. Chain Catch 39
Eppenstein, L. A., & Co. 96
Fahys, Joseph, & Co. 1
Fairchild & Co. 122
Feeley, W. J., Co. 40
Follmer, Clogg & Co. 27
Forman Co. 118
Forsinger, J. W. 101
Foster, Theodore W., & Bro. Co. 44
Fox, Gustave, Co. 29
Freund, Henry, & Bro. 37
Friedlander, R., L. & M. ...Outside back cover
Garreaud & Griser 116
Gesswein, F. W., Co. 110
Ginnel, Henry, & Co. 25
Goldsmith, C. P., & Co. 26
Goodfriend Bros. 60
Gorham Co. 68
Gougelman, Paul 86
Griffoul, August 110
Gruen, D., Sons & Co. 26
Guardian Trust Co. 72
Guerin, Wm., & Co. 117
Hagstoz, T. B., Ltd. 123
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 121
Haud, James L., Jr. 120
Hansou & Van Winkle Co. 124
Harris & Harrington. .....Outside back cover
Harrison, W. W., Co. 23
Hedges, A. J., & Co. 32
Hedges, Wm. S., & Co. 60
Heintz Bros. 37
Heller, L., & Son 52
Herpers Bros. 110
Herring-Hall-Marvin Safe Co. 120
Hirshberg, A. S. 32
Hodenpyl & Walker 52
Hoe's, James C., Sons. 117
Holsmau & Alter 82*d*
Hooper, H. J. 120
Hotel St. James 118
Hraba, Louis W. 114
Humphrey, Johu B., Co. 64
Hutchison & Huestis. 40
Illinois Watch Co. 8
International Gem Co. 56
Interuational Silver Co. 15, 20, 48
Jacot Music Box Co. 118
Jeandheur, F., Jr. 110
Jeanne, Frederick A. 62
Jewelers' League 124
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 78
Juergensen, Jules 100
Kahn, L. & M., & Co. .....Outside back cover
Keck, Herman, Mfg. Co. 78
Keller Jewelry Mfg. Co. 12
Kent & Woodland 34
Keppler, George 119
Ketcham & McDougall 118
Klipper Bros. 104
Kohlbusch, Herman, Sr. 86
Kohn, Alois, & Co. 35
Kohu & Co. 37
Koshland & Italie Co. 39
Krower, Leonard 30
Kuehl, Geo., & Co. 103
Lackner & Ohl 118
Langendorf Watch Co. 100
Larter & Sons 46
Lederer, S. & B., Co. 40, 42
Lees & Sanders 123
Leimann Bros. 122
Lelong, L., & Bro. .....Outside back cover
Leon Watch Case Co. 103
Levy, Chas. M. 38
Levy, Robert 24
Lewy & Cohen 33
Lisner, D., & Co. 27
Lissauer & Co. 56
Loeb, Wm., & Co. 40
Lorsch, Albert, & Co. .....Outside back cover
Loth, Joseph & Co. 82*d*
Lowe, Edwin, & Co., Inc. 40
Luthy & Hine 33
Lyons Gem Co. 116
Maebert & Reiss 103
Maple City Glass Co. 118
Market & Fulton Natioual Bank. 72
Martin, S. 90
Mercantile National Bank 73
Meriden Britannia Co. 20
Meyerowitz Bros. 56
Miller, Fuller & Whiting. 43
Moore & Sons 30
Morgan, John, Sons 114
Mount & Woodhull 62
Myers, S. F., Co. 40
Nassau Bank 66
Nebeling, Edmuud R. 32
Newburgh, R. 100
New Englaud Watch Co. 98, 99
New York Central Railroad. 122
Noel, Rudolph, & Co. 78
Noterman, Jos., & Co. 82*b*
Novelty Engineering Ass'n 110
Ohan, G. 104
Oliver Typewriter Co. 119
Omega Watches 101
Oneida Community, Ltd. 76
Oppenheimer Bros. & Veith. 50
Oppenheimer, H. E., & Co. 50
Oriental Bank 72
Osmun-Parker Mfg. Co. 32
Ostby & Barton Co. 31
Parks Bros. & Rogers 22
Paroutaud & Watson 117
Patek, Philippe & Co. 100
Pitcairn, W. S. 116
Pomfret-Goldy School 122
Potter & Buffinton Co. 41
Pouyat China 117
Power, Chas. L., & Co. 60
Powers & Mayer 13
Price, Cyrus, & Co. 52
Prior, Charles M. 114
Pryibil, P. 122
Pryor Novelty Co. 39
Racine, Jules 104
Reichhelm, E. P., & Co. 110
Renziehausen, W. F., Co. 123
Revell, A. H., & Co. .....Outside back cover
Rice's, Bernard, Sons. 116
Ries & Armstrong 120
Riviere Brass & Bronze Works. 114
Rockford Watch Co. 104
Roger Williams Silver Co. 38
Rohrbeck, Johu E. 33
Roseman, A. 52
Rothschild Bros. & Co. 38
Roy Watch Case Co. 102
Rubenstein, L. W. 88
Rudlen, J. W., & Co. 120
Rudolph & Snedeker 100
Rumpp, C. F., & Sous. 118
Saart, W. H., Co. 42
Salman, John A., & Co. 39
Saunders, Meurer & Co. 60
Scharling & Co. 119
Schiff, M. 35
Schultz, Leiss & Co. 24
Scofield & De Wyngaert 36
Sessions Clock Co. 103
Shafer & Douglas 30
Shiman Bros. & Co. 80
Simmons, R. F., Co. 21
Simpson, Hall, Miller & Co. 15
Smith, Alfred H., & Co. 50
Smith, E. H. H., Silver Co. 119
Smith, Frank W., Co. 18
Smith, Wm., & Co. 86
Snow & Westcott 33
Sohu & Hymau 64
Solidarity Watch Case Co. 43
Spencer, E. L., Co. 41
Staninger, E. E. 36
State Bank 72
Steiner, Louis 118
Stern Bros. & Co. .....64, Inside back cover
Sternau, S., & Co. 22
St. Louis Silver Co. 82*d*
St. Louis Watchmaking School. 103
Strauss, Ignaz, & Co. .116, Outside back cover
Street, Geo. O., & Sons. 35
Tavannes Watch Co. 82*b*
Thomas, Seth, Clock Co. 102
Tivoli Art Glass Co. 114
Trenton Watch Co. 102
Trout, Charles L., & Co. 34
Tuska, A. L. 119
Van Dam, Eduard 58
Wadsworth Watch Case Co. 6, 7
Waguer Mfg. Co. 36
Waite-Thresher Co. 42
Waltham Watch Co. 92
Washburn, C. Irving 36
Weizenegger Bros. 39
Wells, Chester H. 39
Wendell & Co. 5
Western Clock Mfg. Co. 104
Wheeler, Hayden W., & Co. 50
Whiting & Davis 28
Whiting, Frank M., & Co. 74
Whiting Mfg. Co. 17
Wightman & Hough Co. 41
Witsenhausen, L. 36
Wodiska, Julius 30
Wolfsheim & Sachs 121
Wood, C. F., & Co. .....Outside back cover
Wood, J. R., & Sons. 2, 3
Woodside Sterling Co. 16

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

Heavy type, 5c. a word; minimum charge, $1.25.

Display cards, $2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

SITUATION WANTED as retail salesman; 18 years' experience with one house. Geo. E. Keeler, 117 Ft. Greene Place, Brooklyn, N. Y.

YOUNG MAN, 12 years' experience in wholesale and retail jewelry business, desires position. Address "C. R., 7632," care Jewelers' Circular-Weekly.

YOUNG MAN, as letter engraver and optometrist; am registered in Minnesota. Address A. W. Sheehan, 2639 Newton Ave. N., Minneapolis, Minn.

REFRACTIONIST of ability and business capacity, desires position with representative house. Address "C., 7587," care Jewelers' Circular-Weekly.

SALESMAN, well acquainted with the trade, wants fine 10 or 14 karat line for the large cities; now or Jan. 1. Address "H., 7634," care Jewelers' Circular-Weekly.

JEWELER wishes to change his position where there is a steady and a better position; first class gold and platinum worker. "Jeweler, 7638," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

WATCHMAKER desires good position with first class jewelers; accustomed to waiting on trade; high class references; not an engraver. Address "B. W., 7643," care Jewelers' Circular-Weekly.

MOUNTED, diamond and mounting line wanted, by salesman well acquainted with the trade; east and west; also the Pacific Coast trade. Address "Jackson, 7633," care Jewelers' Circular-Weekly.

A YOUNG MAN (24) desires a permanent position as jeweler, optician, plain engraver and good salesman; can give best of references. Address "H., 7622," care Jewelers' Circular-Weekly.

MAN, with 15 years' experience in the retail jewelry business, desires engagement with a reliable house as salesman or head watchmaker. Address "Y. F. B., 7582," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7605," care Jewelers' Circular-Weekly.

ENGRAVER and ad. writer; first class; rapid and accurate letter and monogram engraver who can write ads. that pull; progressive firm only. Address "More Business, 7358," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

SITUATION WANTED, in a western city (Detroit preferred), by a young lady to take charge of store, or as engraver and saleslady; for further information address Dan. I. Murray, 3 Maiden Lane, New York.

BY FOREMAN and designer; first class on gold and platinum diamond work; 14-K. artistic jewelry and fancy rings; fully experienced in above position. A. Thieme, care E. P. Reichhelm & Co., 23 John St., New York.

A GOOD jeweler wants position in store, first class on job and new work; good stone setter; all kinds of coloring and gilding. Address "J. H. S.," care H. L. Holst, The Jeweler, 1026 Atlantic Ave., Atlantic City, N. J.

EXPERIENCED MAN, used to handling diamond and gold jewelry, wants position as inside man or traveler for western and northwestern territory. Address "S., 7540," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

YOUNG MAN, first class letter and monogram engraver, wants a position where he can exchange his services as such for an opportunity to learn chasing; references and samples of work. "L. G., 7504," care Jewelers' Circular-Weekly.

SALESMAN; young man would like to travel for a ring house; eight years' experience in factory and office of an old retired house; now traveling in New England with another line. "F., 7617," care Jewelers' Circular-Weekly.

WATCHMAKER, age 27, desires position at once; 14 years' experience; American and Swiss watches; also some jewelry repairing; south or west preferred; have all tools and best references. Polakoff, 61 Hinsdale St., Brooklyn, N. Y.

SALESMAN, with wide experience and thorough knowledge of department store trade, wishes to secure first class gold or plate line for New York City and the visiting trade; salary or commission. "J., 7498," care Jewelers' Circular-Weekly.

WANTED, permanent position as salesman in first class jewelry store, by young man of good address; having 10 years' experience; exceptionable references as to character and ability. Address "Competent," Box 232, Toronto, Ontario, Can.

JEWELER wants a position; eight years' experience as a hard solderer and filer on jewelry, novelties and spectacles; can work on drop hammer and presses; honest and economical workman. Charles Pisveyc, 338 E. 76th St., New York.

HIGH GRADE salesman, who thoroughly understands the jewelry business, is open for position in 1907 to represent manufacturer's line, on salary or commission, for western and northwestern territory. Address "S., 7652," care Jewelers' Circular-Weekly.

JEWELER of business ability wishes position in store where he can manage the manufacturing department, work at bench and wait on trade, in first class store; had his own business; nine hours' work. Address "Store, 7637," care Jewelers' Circular-Weekly.

WANTED, to correspond with A1 house, who desires a traveling salesman by Jan. 1, by one who is a hustler; can give the very best of references and have all around experience in southern territory. Address Maurice Joseph, care Elks Club, Memphis, Tenn.

A1 WATCHMAKER, graduate optician; fine letter and monogram engraver; 21 years' experience; good appearance; no bad habits; A1 references; lathe, modern tools and trial case; Indiana or Illinois; would not go east of Indiana. Address "C. W., 7190," care Jewelers' Circular-Weekly

FOREMAN, thoroughly experienced, making a specialty of fine diamond mountings and rings of every description, producing at present extremely successful line of hollow wire bracelets, wishes to make advantageous change; highest references. "R., 7567," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, competent to do fine complicated and railroad work; adjuster, engraver, optician and jewelry repairer; 23 years' experience; desires a change; finest set of tools and trial case; A1 references; only first class houses; Seattle or northwest preferred. Address Henry Paulson & Co., Powers Bldg., 156 Wabash Ave., Chicago, Ill.

A FIRST CLASS position wanted by expert watchmaker of 30 years' experience, in timing and adjusting high grade watches and railroad inspections; capable of managing a watch repairing department; good salesman; understands the jewelry line and is good judge of diamonds; will go south or to Texas. Address "S., 7646," care Jewelers' Circular-Weekly.

WANTED, Jan. 1, 1907, by a hot air merchant, but one who knows when to talk and when to keep silent, a position to represent a first class jewelry house or a kindred line on the road; have had 15 years behind the counter, but no road experience; am a hustler and not afraid of work. Address "K., 7593," care Jewelers' Circular-Weekly.

A SALESMAN of thorough experience, at present employed, wishes to make change, this Fall or Jan. 1; well acquainted with jobbers, retailers and premium buyers, watches or jewelry, east of Cincinnati; manufacturer's line only; first class credentials; straight salary, or salary and commission; in answering, allow for one week to answer. Address "L., 7347," care Jewelers' Circular-Weekly.

HIGH GRADE watchmaker, 23 years, expert on complicated and railroad work, adjuster, engraver, optician and jewelry repairer, desires a change by Oct. 15 to Nov. 1; finest set of tools and trial case; A1 references; only first class houses; northwest, Washington, Montana or Rocky Mountains preferred. Address C. Koch, care G. M. Buter, Manufacturing Jeweler and Time Inspector, Deadwood, S. D.

Side Lines Wanted.

COMMISSION HOUSE, calling on jobbing trade from Denver to the Coast, also Texas, would like to hear from manufacturers of gold and filled jewelry. Answer "Denver, 7546," care Jewelers' Circular-Weekly.

TWO competent salesmen, well acquainted with retail trade on Pacific Coast, would like to hear from manufacturers of cut glass, hollow ware, flat ware and jewelry, regarding representation in above territory. Answer "Box 7545," care Jewelers' Circular-Weekly.

Help Wanted.

FIRST CLASS watchmaker; permanent position at good salary. R. S. & J. D. Patterson, Port Huron, Mich.

WANTED, AT ONCE, first class jeweler and engraver; permanent position. Garibaldi & Bruns, Charlotte, N. C.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

AT ONCE, first class jeweler and engraver, who can assist with other work. The Jobe-Rose Jewelry Co., Birmingham, Ala.

WANTED, capable young man as assistant watchmaker, jeweler and engraver. Address Perry & Stone, New London, Conn.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

WATCHMAKER and engraver, for permanent position, at once; give full particulars in first letter. James Mix, Albany, N. Y.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, jeweler, engraver and salesman; permanent position to a good man; apply with references. Wheeler Son, Salem, N. J.

WANTED, young lady as bookkeeper in jewelry house; experience preferred. Address "B. L., 7641," care Jewelers' Circular-Weekly.

HELP WANTED.—Continued.

WANTED, jeweler and optician or jeweler and engraver; good position to the right man. Address J. K. Roumain, Baton Rouge, La.

STONE SETTER and jeweler, one of experience; steady position for right man. Write Orkin Bros., 373 Washington St., Boston, Mass.

ENTRY CLERK or assistant bookkeeper; one acquainted with the jewelry trade preferred. Aikin-Lambert Co., 19 Maiden Lane, New York.

WANTED, an assistant watchmaker and engraver; permanent position and good pay to competent man. E. W. Button & Co., Bridgeport, Conn.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and optician; $30 per week. Address, A. W. Susen, El Paso, Tex.

WANTED, first class gold engraver; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

FIRST CLASS watchmaker and engraver, for Montana; permanent position; $30 per week. "Montana, 7586," care Jewelers' Circular-Weekly.

JUNIOR SALESMEN for New York, Fifth Ave., jewelry store; state age, experience and salary. Address "E. M., 7640," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, first class watchmaker, who can engrave; good wages and permanent position to the right man. J. H. Thomas, Bristol, Tenn.

WANTED, fine engraver; man capable of doing good watch work; good salary and steady position to the right man. S. Joseph & Sons, Des Moines, Ia.

WANTED, a young lady to make herself generally useful in office of manufacturing jewelers. Frolichstein, England & Klein, 32 Fulton St., New York.

WANTED, a first class watchmaker, one who does engraving preferred; good wages and permanent position to the right man. C. W. Bixler & Co., Easton, Pa.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WANTED, watch salesman with an established trade in Illinois and Iowa; good salary to the right man. Address "R., 7594," care Jewelers' Circular-Weekly.

ONE JEWELER, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

YOUNG MAN, to finish on watch and clock repairing, under a competent watchmaker; give references and ability in first letter. Egermann & Son, Aurora, Ill.

WANTED, a good jeweler, one capable of doing job, new work and stone setting; good, steady position to right party. "B. T., 7654," care Jewelers' Circular-Weekly.

ENGRAVER, one who understands jewelry repairing; $20 per week and permanent position to good hand. Address "Virginia, 7614," care Jewelers' Circular-Weekly.

WANTED, a first class watchmaker; also a good second watchmaker; good pay; permanent positions; reply with references. Geo. R. Calhoun & Co., Nashville, Tenn.

WANTED, good watchmaker who can also do general store engraving; permanent position; good wages. Address "Jeweler A., 7492," care Jewelers' Circular-Weekly.

WANTED, capable watchmakers or finishers, those with factory experience preferred; write application, state age, experience, etc. Trenton Watch Co., Trenton, N. J.

FIRST CLASS watchmaker, engraver and salesman; permanent position; salary, $20 per week. Rundback Bros., 2196 Third Ave., bet. 119th and 120th Sts., New York.

WANTED, young man, unmarried, neat appearance, for clock work; some watch work, under good instructor; good chance to finish trade. Henry Copley, Omaha, Nebr.

WANTED, an experienced salesman to take a line of silver plated ware on commission, through the middle States. Address L. A. Littlefield Silver Co., New Bedford, Mass.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, one expert watchmaker and one first class jeweler; pleasant and permanent position at good salary; apply with reference. L. Lechenger, 419 Main St., Houston, Tex.

WANTED, an A1 watchmaker, engraver and optician; must furnish satisfactory references; steady position and good salary to the right man. Cleis & Clauer, South Bend, Ind.

WANTED, four first class watchmakers who engrave, for good positions in Colorado; good pay to the right men. W. W. Hamilton & Co., Wholesale Jewelers, Denver, Colo.

WANTED, first class watchmaker with complete outfit of tools for permanent position, at once. Address The Webb C. Ball Watch Co., Superior and Seneca Sts., Cleveland, O.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WANTED, two good engravers, two watchmakers and jewelry repairers; send sample of engraving and full particulars at once. Burt Ramsay, corner Euclid and Erie St., Cleveland, O.

WANTED, watchmaker and optician, must be good workman; one who can assist in engraving preferred; permanent position; short hours. Schweizer-Bewig Jewelry Co., Selma, Ala.

WATCHMAKER WANTED; must be thoroughly competent and able to do some engraving and jewelry repairing; salary, $20 per week; permanent position. A. Zurhellen, Natchez, Miss.

BOY WANTED, about 16 years of age, in office of wholesale jewelry house; must write well and furnish first class reference; state salary desired. "K., 7653," care Jewelers' Circular-Weekly.

JEWELER and engraver, for leading Montana city; must be first class; permanent position at $30 per week; send sample of engraving. "Montana, 7585," care Jewelers' Circular-Weekly.

THREE experienced young salesmen for jewelry, sterling silverware, bric-a-brac, etc., for first class retail store; state experience, etc. Address "C. D., 7319," care Jewelers' Circular-Weekly.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, A1 watchmaker and engraver; best of references; must have own tools and lathe; permanent position to right party; apply at once. J. Selinger, 820 F St., N. W., Washington, D. C.

WATCHMAKER WANTED for uptown store; chance to improve under expert watchmaker; must come well recommended. Apply N. Langford, 962 Amsterdam Ave., near 107th St., New York.

FOR VIRGINIA, an assistant watchmaker; person of good address; one who can do some engraving preferred; permanent position; $15 per week. Address Room 711, 2 Maiden Lane, New York.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

SALESMAN WANTED, by Oct. 1, 1906, for a ring manufacturer; one who calls on fine trade; for 10 and 14-K. rings; good salary for the right man. Ross, Saltman & Anderson, 89 Fulton St., New York.

WATCHMAKER and engraver, for an up-to-date retail jewelry store; good salary; permanent position; send small sample of engraving and references; state salary wanted. Otto Jarck, Easton, Pa.

WANTED, AT ONCE, competent optician and salesman; one who can do engraving preferred; liberal salary and permanent position to the right man. W. F. Fischer & Bro. Co., Chattanooga, Tenn.

AT ONCE, six general jewelers; nine-hour shop; steady work; good wages; only steady, reliable men wanting permanent jobs need apply. The A. P. Craft Co., 10 N. Pennsylvania St., Indianapolis, Ind.

WANTED, traveling salesman with established trade, to sell well known line of sterling silver, on commission, in New York and Pennsylvania; first class references required. Address "Com., 7609," care Jewelers' Circular-Weekly.

AT ONCE, first class engraver on jewelry, etc., in monograms and letterings; last man employed remained five years; steady employment to the right one; state references and wages expected. "W. F. B., 7658," care Jewelers' Circular-Weekly.

WANTED, an experienced salesman, with established trade preferred, by manufacturer of finest platinum diamond mountings, for New York City and vicinity; good opportunity for right party. Address "C. A., 7635," care Jewelers' Circular-Weekly.

WANTED, young man who thoroughly understands watch and clock repairing; a good salesman and stockkeeper, in first class store; good references required; salary, $15 per week; position permanent. A. Graves Co., 93 South Main St., Memphis, Tenn.

FIRST CLASS watchmaker, jeweler and engraver; some clock work; all around man; permanent position; pleasant surroundings; to take charge of repair department; want rapid workman; write for particulars; position immediately; pay $25. J. C. Robinson, Chester, S. C.

AT ONCE, or Jan. 1, experienced salesman to cover New England States with large and complete line of solid gold and filled jewelry, watch materials, tools, cut glass and silverware; excellent opportunity for the right party. Address "Excel, 7595," care Jewelers' Circular-Weekly.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, good watchmaker and engraver; price consistent with ability to do good work in both branches; permanent position with desirable house; position now open; state ability, salary demanded, and use good houses as reference. Address "B., 7629," care Jewelers' Circular-Weekly.

THE BEST OPENING in Ohio for a watchmaker, optician and engraver; will pay $18 per week until Jan. 1; will then give you opportunity of buying retiring partner's interest in branch store we now own, to take full charge of the business. Address "A. N. W., 7603," care Jewelers' Circular-Weekly.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

WANTED, by Oct. 1, A1 watchmaker, engraver and jeweler; competent for railroad work; one who understands optics preferred; salary, $30 to $35 per week and steady position to right man; enclose photo, references and sample of engraving in first letter; none but strictly first class workmen need apply. Address Eagle Drug and Jewelry Co., Inc., Winnemucca, Nev.

WANTED, at once or Jan. 1, two road salesmen who can sell $40,000 and upward a year; write full particulars; amount of sales and territory traveled; to represent one of the largest jobbing houses in New York City; the largest and best line on the road; no watches; we want men who can earn a salary of $3,000 and upward. Address "Chance, 7655," care Jewelers' Circular-Weekly.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

(Special Notices continued on page 86.)

Special Notices.

(Continued from page 85.)

WANTED to engage for one of our customers, a high class script, monogram and crest engraver, who can also design for special order work; highest price paid to right man; position permanent; apply by letter only, Durand & Co., Newark, N. J.

WANTED, first class jeweler; one skilled in new special work and difficult repairing; thoroughly equipped power shop; good wages and permanent position to right man; give references and state class of work you are capable of doing. Clark & Engle, Wilkes Barre, Pa.

THIRTY-FIVE DOLLARS per week for head watchmaker; a thoroughly competent man on high grade and complicated work, who does not drink or gamble, can go to work at once, and have steady position in one of the finest stores and cities in the west; references and full particulars must accompany first letter. J. S. Lewis & Co., Ogden, Utah.

Business Opportunities.

FOR SALE, small jewelry store; New York State; town, 5,000; fine chance for young man; with or without stock. Address "P., 7626," care Jewelers' Circular-Weekly.

FIRST CLASS JEWELER wishes a good salesman or stone setter to go into partnership; must have $500; best references. "Partner, 7479," care Jewelers' Circular-Weekly.

CASH PAID for entire jewelry stores and stocks; send us your surplus stock, and we will send you a check by return mail; if our offer is unsatisfactory we return your goods; we act quickly and strictly confidential. Jos. Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

EXPERIENCED MAN, established 10 years in Colombia, South America, in business of rough emeralds and pearl fisheries, wants a partner with sufficent capital for traveling with him in Colombia, Panama and Venezuela, for the purpose of purchasing pearls and emeralds; he is also a lapidary and can cut all classes of precious stones. Address Edmond Bailly, 528 Seventh Ave., New York.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

AT 60c. on the dollar; $20,000 worth of high grade jewelry, cut glass and fine imported bric-a-brac, have been placed in my hands to turn into cash, at once; I would like to place this stock with some good retail jeweler in a city of 50,000 or over, and combine with him a large auction sale, which I will personally conduct on a share of the profits or commission, giving you all profits on these goods, consigned at such a low price; I guarantee 25% to 40% profits; I guarantee not a single piece of goods will be misrepresented; I guarantee to make you $1,000 to $5,000 clear profits in such a deal; I guarantee to leave you with a better class of customers than you ever had before this sale, as all will get bargains; be quick or you will lose the deal. Address Dan I. Murray, America's Leading Jewelry Auctioneer and Broker, 3 Maiden Lane, New York; 151 Wabash Ave., Chicago, Ill.; 512 Race St., Cincinnati, O.

Wanted to Purchase.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TWO desirable offices for rent; $10 and $12 per month; write or call. Henry Bardel, 14 Maiden Lane, New York.

VERY DESIRABLE bench room for light jewelry manufacturing, diamond setter or watchmaker. Malliet & Blasse, 12-16 John St., New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

TO LET, for watchmaker, part of exceptionally desirable office; can secure trade sufficient to keep him busy; excellent opportunity; 32d St., bet. Broadway and Fifth Ave., New York. Address "A., 7573," care Jewelers' Circular-Weekly.

WILL RENT, to desirable party, desk room with office privileges in light and attractive office; suitable for manufacturer's representative; 32d St., bet. Broadway and Fifth Ave., New York. Address "B., 7572," care Jewelers' Circular-Weekly.

For Sale.

SIX, six-ft. oak show cases with tables; best cash offer takes them. Geo. E. Woerz, 226 Asylum St., Hartford, Conn.

REAL AMBER, at less than it costs in Europe; I bought a large job at 40c. per string and up; fine cut amber hearts, 70c. each; fine cut amber hat-pins, $1.40 up; also in this job is a lot of 20-year gold filled watches and cluster diamond goods at great discounts; sent on memo. bill to well rated dealers. Address the Man for Bargains, Dan I. Murray, Importer and Broker, 3 Maiden Lane, New York; or, 151 Wabash Ave., Chicago, Ill.

Lost.

LOST, on Maiden Lane or Nassau St., New York, a cabochon emerald, 1 5/8 1-16 carat; a liberal reward will be paid for the return of same. I. H. Weinberg, 14 Maiden Lane, New York.

Miscellaneous.

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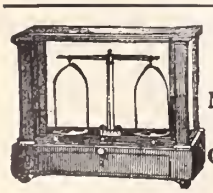
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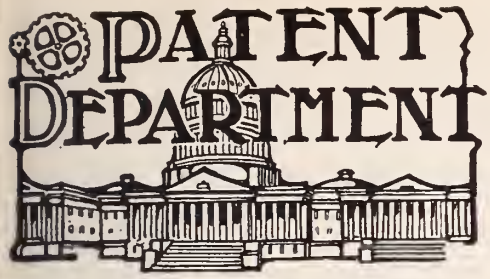
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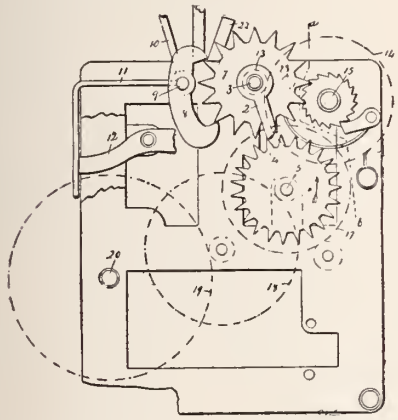
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF SEPT. 11, 1906.

830,526. INTERMITTENT ALARM-CLOCK. Wilson E. Porter, New Haven, Conn., assignor to the New Haven Clock Co., New Haven, Conn. Filed Jan. 8, 1906. Serial No. 295,068.

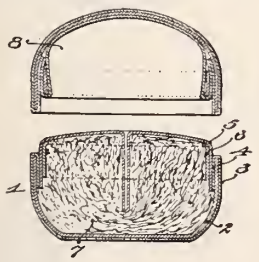
In an intermittent alarm-clock, the combination with an alarm-train including an escapement-wheel, a verge and a bell-hammer; of an alarm-finger mounted upon an arbor of the said alarm-train, a time-train, and an alarm-wheel driven by the said



time-train and located in position to have its teeth engaged by the said alarm-finger which it periodically releases and arrests for the intermittent sounding of an alarm by the said hammer under the control of the said escapement-wheel and verge, the said finger tending to rotate the said alarm-wheel in the direction in which the same is rotated by the time-train.

830,577. JEWELRY-BOX. William P. Devine, Boston, Mass., assignor of one-half to Wilton E. Drake, Boston, Mass. Filed March 9, 1904. Serial No. 197,242.

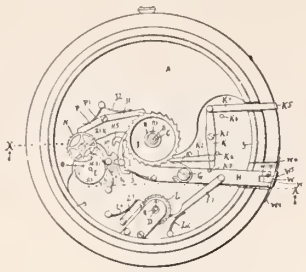
A jewelry-box member consisting of a shell or frame, a cover for one side thereof and a fastening device for the cover similar in shape to the



frame, the cover being extended over one of the surfaces of the shell or frame and over the fastening device and having its edge nipped and held between the fastening device and the frame.

830,627. REGISTERING AND INDICATING DEVICE FOR WATCHES. Thomas H. Watson, Dayton, O. Filed Jan. 13, 1902. Serial No. 89,637.

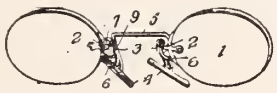
The combination of a continuously-operable timepiece, a member driven thereby, registering mechanism, means independent of said timepiece for manually actuating said registering mechanism, and means whereby said member permits said



manual registration only at predetermined intervals of time and without affecting said timepiece.

830,658. EYEGLASS-SPRING. Joseph S. Galeski, Richmond, Va. Filed Dec. 28, 1905. Serial No. 293,666.

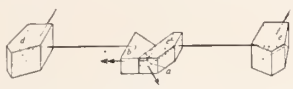
A spring for eyeglasses, comprising a cross-bar from each end of which extends at substantially



right angles thereto a curved portion extending downwardly, rearwardly, upwardly and thence inwardly, the extremities of said portions being designed for attachment to the stud-boxes of the glasses.

830,668. COINCIDENCE-TELEMETER. Albert Konig, Jena, Germany, assignor to the firm of Carl Zeiss, Jena, Germany. Filed April 9, 1906. Serial No. 310,782.

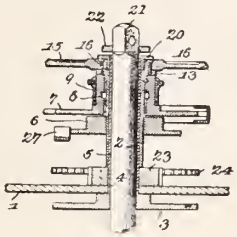
Coincidence-telemeter which comprises two objectives and a separating-prism carrying a sepa-



rating-surface and composed of two components cemented together, the cement film containing the focal points of both objectives in coincidence, and lying in the same plane as and adjoining to the separating-surface, the entrance-surfaces of the separating-prism being arranged parallel to one another and perpendicular to the base-line.

830,722. CLOCK ATTACHMENT. James M. King, Mattoon, Ill. Filed Jan. 8, 1906. Serial No. 295,151.

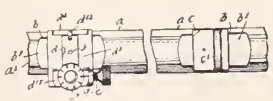
The combination of a sleeve having a circumferential bearing and a flange, a snail frictionally held on the sleeve at one side of the said bearing,



a calendar-wheel mounted on the bearing and confined between the flange and snail to rotate independently of the sleeve, and an alarm-dial mounted on and secured to the sleeve.

830,729. TELESCOPE-MOUNT FOR RIFLES. Franklin W. Mann, Milford, Mass. Filed Nov. 14, 1904. Serial No. 232,596.

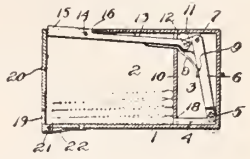
A telescope-mount for rifles consisting of a longitudinal dovetailed tapering rib on the barrel,



chairs thereon and telescope-receivers placed on said chairs, substantially as described.

830,772. POCKET MATCH-SAFE. George F. Dunn, Brockton, Mass. Filed Nov. 29, 1905. Serial No. 289,556.

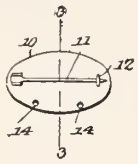
A pocket-match safe, having two compartments, separated by a wall, the forward compartment for containing matches, being provided at its lower front end with a discharge-opening and the rear compartment containing an actuating-lever extending the entire length of said chamber and pivoted to the match-safe at its extreme upper end, a slide guided through said wall in alignment with the discharge-opening for ejecting one match at a time and pivoted at its rear end to the lower end



of said operating-lever, an operating-lever pivoted adjacent its forward end in the upper edge of the match-safe and loosely connected to the upper end of said actuating-lever for operating the latter, and an opening in the forward upper edge of said match-safe, said operating-lever having a thumb-piece at its extreme forward end projecting through said opening for operating the aforesaid mechanism.

830,777. PIN ATTACHMENT. George W. Fletcher, Mendon, Ill. Filed March 2, 1906. Serial No. 303,867.

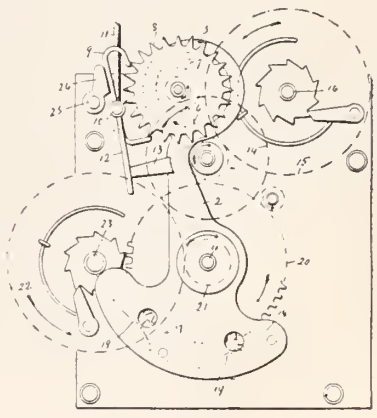
A device of the class described comprising an oblong body having a catch at one end and with a spur extending from one edge of the plate and curving toward the other edge, and a pin swinging



from the plate at the same side as the spur at the end opposite to the catch and adapted to be engaged at its free end detachably with said catch.

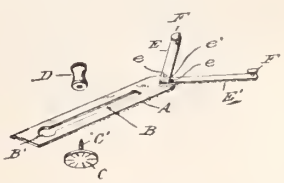
830,781. INTERMITTENT-ALARM CLOCK. George L. Goodrich, Bristol, Conn., assignor to the E. Ingraham Co., Bristol, Conn. Filed Jan. 8, 1906. Serial No. 295,069.

In an intermittent-alarm clock, the combination with the time and alarm trains thereof, of an os-



cillating alarm-lever coacting with a member of the alarm-train for oscillation thereby, and one or more pawls pivotally mounted upon the said oscillating alarm-lever and coacting with one of the wheels of the time-train.

830,794. CUFF-HOLDER. Richard W. Lewis, Roswell, N. Mex., assignor of one-half to



J. D. Render, Roswell, N. Mex. Filed Jan. 8, 1906. Serial No. 295,060.

In an adjustable cuff-holder, the combination



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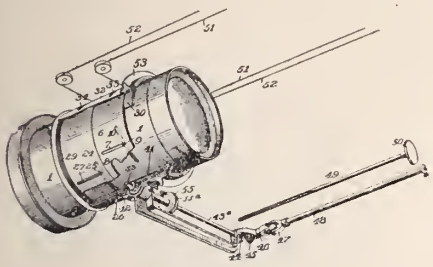
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with the body portion formed of sheet metal and having a longitudinal slot therein, and a clamping device working in said slot for clamping the body to the shirt-sleeve of the wearer, of a pair of independent arms pivotally connected at one end with one end of said body and having studs on their outer ends, the inner ends of said arms forming stops for limiting the divergence of the arms.

830,820. PHOTOGRAPHIC-LENS MOUNT. Edward Bausch, Rochester, N. Y., assignor to the Bausch & Lomb Optical Co., Rochester, N. Y. Filed June 22, 1903. Serial No. 162,538.

The combination with a lens-tube having the anterior and posterior lens combinations arranged therein, one of the combination embodying a



relatively fixed element and an element slidable longitudinally of the tube, of a rotatable sleeve operable from the exterior of the tube and an operating device between the sleeve and slidable element for longitudinally adjusting the movable element.

830,885. VALVE ATTACHMENT FOR FOUNTAIN-PENS. Fernan O. Conill, New York. Filed Dec. 21, 1905. Serial No. 292,711.

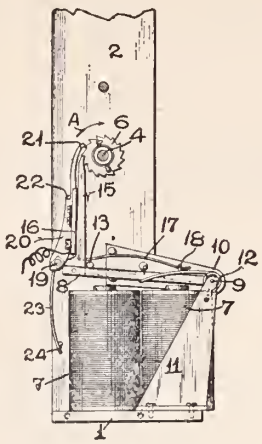
A fountain-pen having a reservoir, a pen-holding part, and a valve comprising two valve elements swiveled together, each being removably mounted on the pen proper, one being removably connected with the reservoir of the pen and the



other removably connected with the pen-holding part thereof, the end of the element connected with the reservoir being a counterpart of the end of the pen-holding part of the device, and the end of the other element being a counterpart of the end of the reservoir.

830,971. ELECTRIC CLOCK. Ulysses L. Collins, St. Louis, Mo. Filed Sept. 18, 1905. Serial No. 278,867.

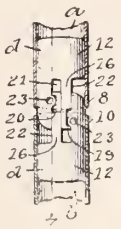
In a device of the class described, a driven shaft, a ratchet-wheel mounted theron, an electromagnet, an armature therefor, a spring in which power is stored by the actuation of the armature, a pawl carried by the armature and engaging the ratchet-wheel, a lever, contact-fingers carried thereby for engaging the ratchet-wheel and the pawl, and suitable electrical connections from the lever through



the coils of the electromagnet and to the ratchet-wheel.

830,987. BRACELET. Theodore W. Foster, Providence, R. I. Filed March 24, 1906. Serial No. 307,844.

In a bracelet, a concealed hinge comprising duplicate interlocking members each having a solid body portion from one end of which extends a side arm in the inner face of which is a recess forming a ledge in the form of an arc, the center



of which is struck on the center on which the hinge turns, and an off-center arm which extends from the body portion midway between the side arm and the edge of the member and having a boss on its outer face shaped to fit in the recess in the side arm of the adjoining member, and a groove adjacent to the end of the arm, the ends of the groove forming stop-shoulders, and a stop on the side arm adapted to enter the groove and engage with the stop-shoulders to limit the opening and closing movement of the hinge.

830,998. BRACELET. George D. Holbrook, Seekonk, Mass., assignor to the Daggett & Clap Co., Attleboro, Mass. Filed Jan. 16, 1906. Serial No. 296,297.

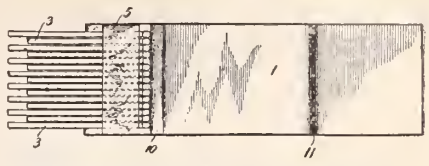
A concealed hinge-joint for bracelets, comprising two members each of integral formation, one embodying a body portion formed with a pair of



forwardly-projecting arms having a space between said arms throughout the entire area thereof, and with a notch on the top edge of each of the arms, the other member embodying a body portion formed with a central curved integral T-shaped arm on its lower end, said arm projecting upwardly between said first-named pair of arms and having the head thereof engaging in said notches of said arms.

831,021. MATCH-CASE. Edith Van Deusen, New York. Filed June 14, 1905. Serial No. 265,121.

A folding match-case having permanently fixed to the inner face of one of its flaps a set of parallel tubular match-sockets each in itself capable of securely holding a match, and also having a freely folding and unfolding flap arranged to fold



around the igniting ends of matches in said sockets and against the free sides of the latter.

Designs.

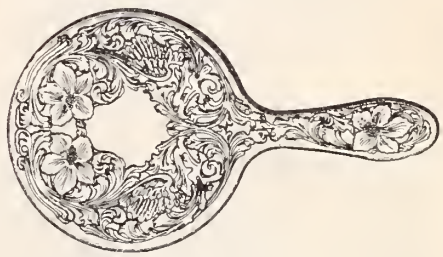
38,229. HANDLE OF A BUTTON-HOOK OR SIMILAR ARTICLE. Albert E. Hathaway, North Attleboro, Mass., assignor to R. Blackinton & Co., North Attleboro, Mass. Filed July 31, 1906. Serial No. 328,623. Term of patent 7 years.



38,230. BACK OF BRUSH. Albert E. Hathaway, North Attleboro, Mass., assignor to R. Blackinton & Co., North Attleboro, Mass. Filed July 31, 1906. Serial No. 328,622. Term of patent 7 years.



38,231. BACK OF MIRROR. Albert E. Hathaway, North Attleboro, Mass., assignor to R. Blackinton & Co., North Attleboro, Mass. Filed July 31, 1906. Serial No. 328,621. Term of patent 7 years.



38,232. HANDLE FOR A SPOON, FORK OR SIMILAR ARTICLE. Gustave Strohhaker, Wallingford, Conn., assignor to the International Silver Co., Meriden, Conn. Filed July 28, 1906. Serial No. 328,273. Term of patent 7 years.



38,234. JUG OR SIMILAR ARTICLE. Charles John Noke, Stoke-upon-Trent, England, assignor to William S. Pitcairn, New York. Filed April 16, 1906. Serial No. 312,035. Term of patent 3½ years.



38,235. FINGER-RING. Joseph L. Herzog,

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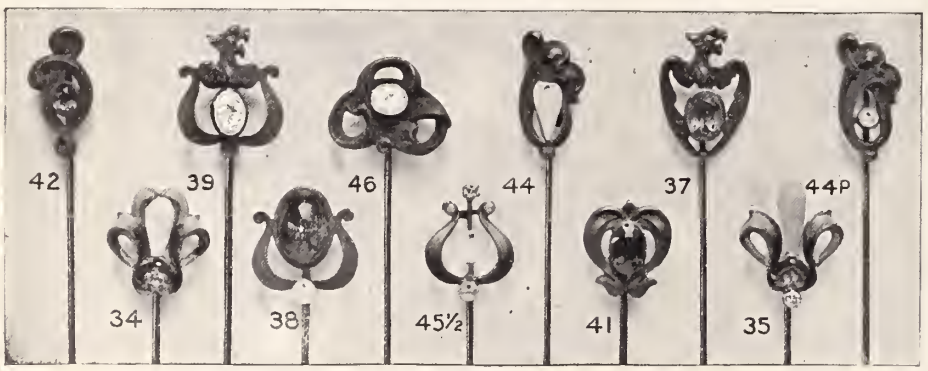
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New York. Filed June 8, 1906. Serial No.



320,890. Term of patent 7 years.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED SEPT 11, 1906.

Ser. No. **18,033.** (CLASS 67. PHARMACEUTICAL PREPARATIONS, PLASTERS, AND PROPRIETARY AND VETERINARY MEDICINES.) GEORGE S. RUBIN, Boston, Mass. Filed March 19, 1906.



Particular description of goods.—Eye remedies.

Ser. No. **18,972.** (CLASS 56. CANES, PARASOLS AND UMBRELLAS.) SAMUEL FOX & Co., LTD., Stockbridge Works, near Sheffield, England. Filed April 21, 1906.



Particular description of goods.—Umbrellas.

Ser. No. **19,599.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) LANDERS, FRARY & CLARK, New Britain, Conn. Filed May 16, 1906.

IVORY

Particular description of goods.—Knives, forks, spoons, table-steels, nut-picks and cheese-scoops.

BRITISH PATENTS.

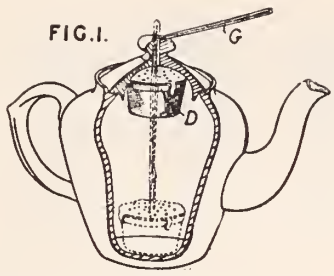
(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF AUG. 29, 1906

9,117. TEA-POTS. F. N. DENISON, Victoria, British Columbia, Can. May 1.

The tea receptacle D can be raised or lowered by a stem G, preferably of double wire, so as to remain in any position in the perforated pot lid.

FIG. 1.



The stem may be in two parts so that the protruding portion may fall over. The cover of the tea receptacle is secured to the body therof by spring lips.

9,332. SLEEVE-LINKS. E. APPERLY, Cavendish Sq., London. May 3.

Relates to a fastening-device for cuffs, of the type described in Specifications No. 16,719, A.D. 1884, and No. 599, A.D. 1894. The head *b* is rigidly fastened to a straight, wide metal shank

FIG. 1.



a, to the other end of which is pivotally connected a head *c*, the arrangement being such as to prevent motion of the device in the buttonholes.

9,351. FOUNTAIN PENS. G. F. PATON, Whitehaven. May 3.

Relates to caps weighted at the end in order to prevent damage to the nibs in case the pens are dropped when the caps are removed and placed on the opposite end. The cap *a*, Fig. 2, is formed

FIG. 2.

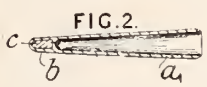


FIG. 3.



FIG. 4.

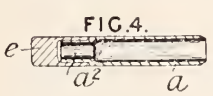


FIG. 5.



with a chamber *b* filled or loaded with lead, iron, heavy wood, or other material *c*. The cap *a*, Fig. 3, is provided with a screw threaded projection a^1 to receive a weighted portion *d*. The weighted portion *e*, Fig. 4, fits closely on a reduced portion a^2 of the cap *a*. The weighted portion *f*, Fig. 5, is formed or provided with a tubular sleeve f^1 fitting closely on the cap *a*.

9,514. MAGNETIC COMPASSES. F. W. CLARK and KELVIN and JAMES WHITE, Glasgow. May 5.

Relates to the azimuth circle and the mounting of the azimuth mirror on a compass bowl. The mirror casing *a*, preferably of a Kelvin's azimuth mirror of the kind described in Specification No. 1339, A.D. 1876, is provided with a sole-plate having three arms a^1, a^2, a^3, with feet b^2 resting on the flat part c^4 of a bezel ring *c* of the form shown. The feet have inner rounded projections a^3 and their ends are rounded. The inner conical surface c^2 of a projection on the bezel ring is graduated to enable it to be read at the same time as the compass card. The shadow pin *e* is mounted in a socket at the center of the sole-plate, and a second sighting-pin *f* is mounted in a socket at the end of the arm a^1.

Complete specifications accepted Aug. 22, 1906.

1905.

16,856. WATCH. GLAUSER-PERRIN.

19,270. FIELD-GLASSES. BARTON & CHAPMAN.

26,645. TEA OR COFFEE INFUSER. CRANSTON.

26,649. STUD. GRIFFITH.

1906.

6,595. NECKLACE-FASTENING. THEODOR KNOLL and FRIEDRICH PREGIZER.

Applications filed Aug. 13 *to Aug.* 18, 1906.

18,162. VEIL-FASTENER. CONRAD STEMMLER and FRANZ GUNDENTHALER, London.

18,232. FOUNTAIN-PEN. P. D. PUDUMJEE, London. Complete specification.

18,245. TEA STRAINER. GEORGE HARRIS & FREDERICKS, LTD., London. Complete specification.

18,312. CANDLESTICK. WILLIAM OWEN, Wolstanton, Staffs.

18,349. ATTACHMENT FOR SPOONS AND FORKS. L. C. J. BOURACIER, Merton, Surrey.

18,498. POWDER-PUFF BOX. H. J. MASONS and ENOCH JOSEPHS, London.

18,573. ELECTRIC CLOCK. M. M. MCHARDY and G. B. BOWELL, London.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for THE JEWELERS' CIRCULAR-WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Sept. 10, 1889.

410,664. RECORDING-THERMOMETER CLOCK. W. F. BREWSTER, New York.

410,750. CUFF-HOLDER. H. J. DALE, Lake View, assignor of one-half to C. J. Dale, Chicago.

410,798. SPECTACLE-CASE. C. R. LONG, Louisville, Ky.

410,808. PICTURE-HOLDER ATTACHMENT FOR WATCH CASES. GASPARD SCHELKER, Brooklyn, N. Y., assignor of one-half to Henry Goll, same place.

410,825. CLOCK-CASE. J. M. DURWARD, Bristol, Conn., assignor to the Bristol Clock Case Co., same place.

410,828. FERRULE. S. W. EVANS, JR., Philadelphia, Pa.

410,831. WATCH WINDING AND SETTING MECHANISM. W. T. GRAESSLE, Philadelphia, Pa.

410,834. MANUFACTURE OF CUTLERY HANDLES. H. C. HART, Unionville, Conn.

410,855. SUSPENDERS. MAYER RUBIN, Chicago.

410,899. BUCKLE. JOHN KENNEDY, Birmingham, assignor to the Osborne & Cheesman Co., Bridgeport, Conn.

410,908. SPOUT FOR VESSELS. PATRICK MALONEY and GEORGE ROBERTSON, Red Creek, N. Y., assignors of one-third to G. A. Jacobs, same place.

410,945. WATCH-CASE. W. C. TAFT and P. J. MORAND, Chicago, said Morand assignor to said Taft.

410,967. TIME-INDICATOR. P. G. GIROUD, Brooklyn, assignor to the New York School Book Clearing House, New York.

Design issued Sept. 6, 1892, *for* 14 *years.*

21,844. THIMBLE. H. A. WEIHMAN, Philadelphia, Pa., assignor to Simons, Bros. & Co., same place.

Design issued Sept. 12, 1899, *for* 7 *years.*

34,504. DIAL. J. L. CLARKE, Chicago.

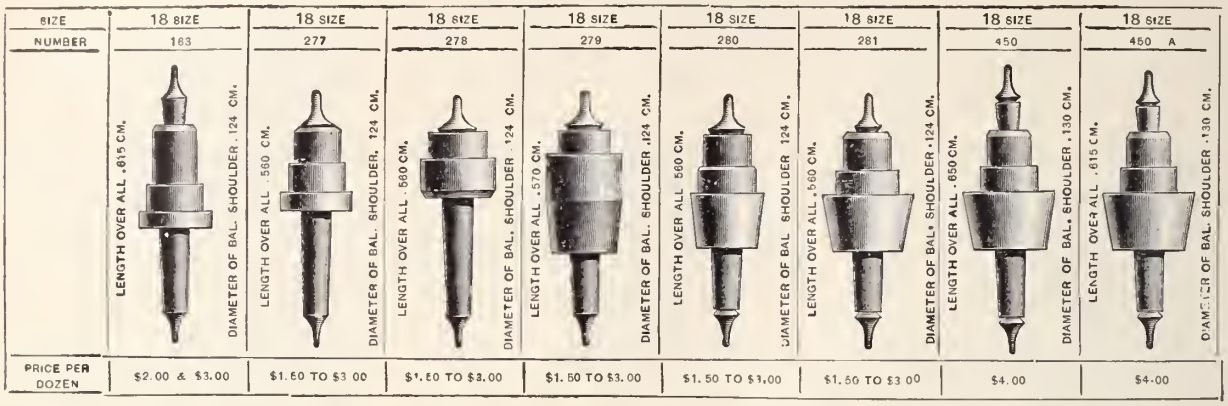
Design issued March 10, 1903, *for* 3½ *years.*

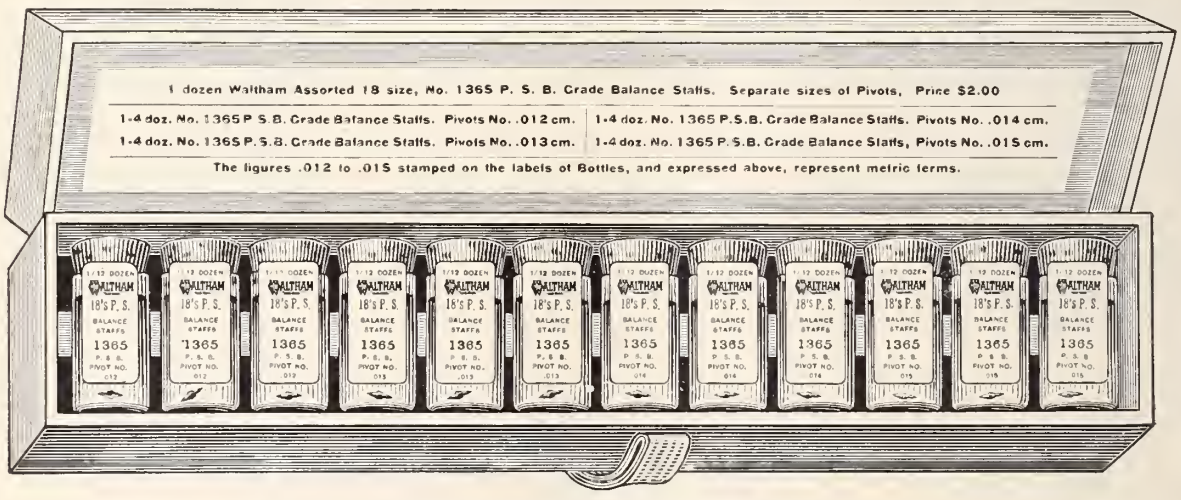
36,243. DISH. A. J. FONDEVILLE West Hoboken, N. J., assignor of one-half to Harry Van Iderstein, Newark, N. J.

Crook & Co., Madison, Wis., have moved their stock into new and larger quarters at 221 State St.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD PATENTED, JUNE 5TH, 1894.

INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade,	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.

Monster Clocks.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the French of L. REVERCHON, in the *Journal Suisse d' Horlogerie.*)

IT is such a far cry from a tower clock to a pocket watch that few people imagine that the manufacturers of these two sorts of time-indicators belong to the same craft. Such, however, is the case since they arrive at the same result by means of the same principles. But the machinery and tools employed, and the processes of manufacture are so different that there are few points of resemblance in the two kinds.

The resemblance is, in fact, so slight that to set up a tower-clock it is generally better to deal with an intelligent mechanic than with one of the innumerable watchmakers who style themselves repairers and whom one might almost call botchers, if the bakers had not given to this word (French *saboteurs*) the meaning of criminal attempt upon human life. Mechanical skill is not a requisite in setting up work of this kind, but rather muscular strength guided by a true eye. Consider that it is practically a question of moving by inconvenient routes, pieces of large dimensions and whose total weight often runs into hundreds of kilograms. In the greater part of the towers the setting up of a clock can be compared to going up a mountain which is difficult of ascent. Many of our towers are for the climber, little Cervins (same as Matterhorn, Swiss Mountain, French), whose ascent is not unaccompanied by danger. This is all the more true from the fact that architects, who are ignorant of the requirements of large clockwork, content themselves for the most part with reserving in the walls a certain number of holes destined to receive dials of the size of which they have taken no pains to inform themselves.

This happened, for instance, in Albert, a small city in France, which has a very fine church. The architect having provided four holes at an elevation of 52 metres above ground, but with a diameter of 1.30 metres only, the builders of the clock were forced to adapt themselves to this dimension and to set up at this height dials, which can hardly be seen from below, and which it almost requires a spyglass to read. In

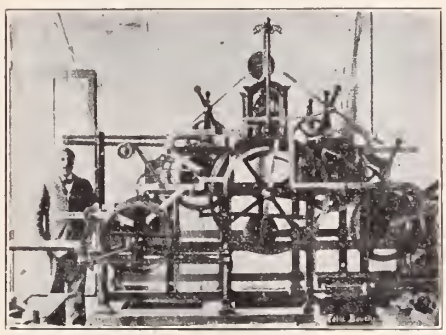


FIG. 1.

like manner, on the inside, there was a space only eight metres in height to manipulate striking-weights which represented, for the hours and quarter-hours, a weight of 700 kilos.

The mechanism which these weights act upon is not less than three metres long, and the wheels which carry the lifting-pins are 0.70 metre in diameter. It must be added that the bell for the hours weighs 7,500 kilos, and that the four bells for the quarter-hours weigh together 3,140 kilos. These are probably the heaviest bells in France, employed simply as striking-bells. The clapper, or hammer, weighs 150 kilos; this is not, however, the heaviest one we know of; in this regard the clock in the city hall at Rennes bears the palm, the hammer of this clock weighing 200 kilos. Do we realize what a hammer, or clapper, weighing 200 kilos is? A perfect spile-driver; a mass of metal 20 centimetres square and 70 centimetres long.

One curious fact is that the two clocks just mentioned were set up by French clockmakers, who were neither from Paris nor from Morez, the two centers of heavy clockmaking. The clock at Albert was built by Lussaulb, a house recently established (1872), and whose founder was a cabinet-maker. The one at Rennes is older, dating from 1844. It was made by Gourdin, of Mayet (Sarthe), whose great-grandson follows in the footsteps of his great-grandfather.

Here are, thanks to the kindness of this last maker, some of the principal details of this fine piece of work. The great bell, on which the hours are struck by the enormous hammer, or clapper, just mentioned, weighs 5,500 kilos. The length of the frame is 2.95 metres, its width 66 centimetres and its height 1.61 metres. The diameter of the principal wheel of the movement is 352 millimetres; that of the pinwheel for the striking-apparatus is 660 millimetres. The cylinders for the ropes are 28 centimetres in diameter, and the escape wheel 137 millimetres. The amount of copper in this clock is 368 kilos. This is the house which made the enormous clock for the church of St. Gervais, at Avranches, in 1900, and which

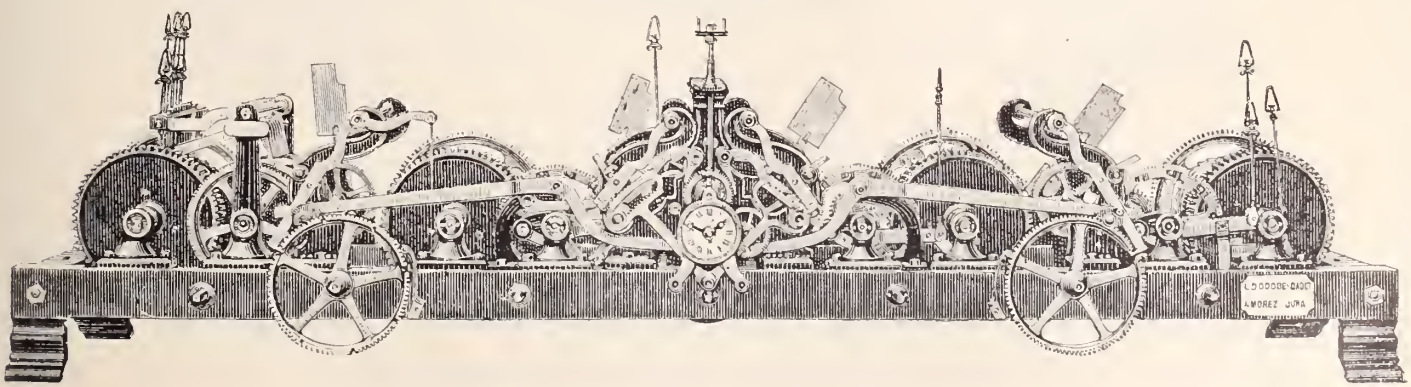
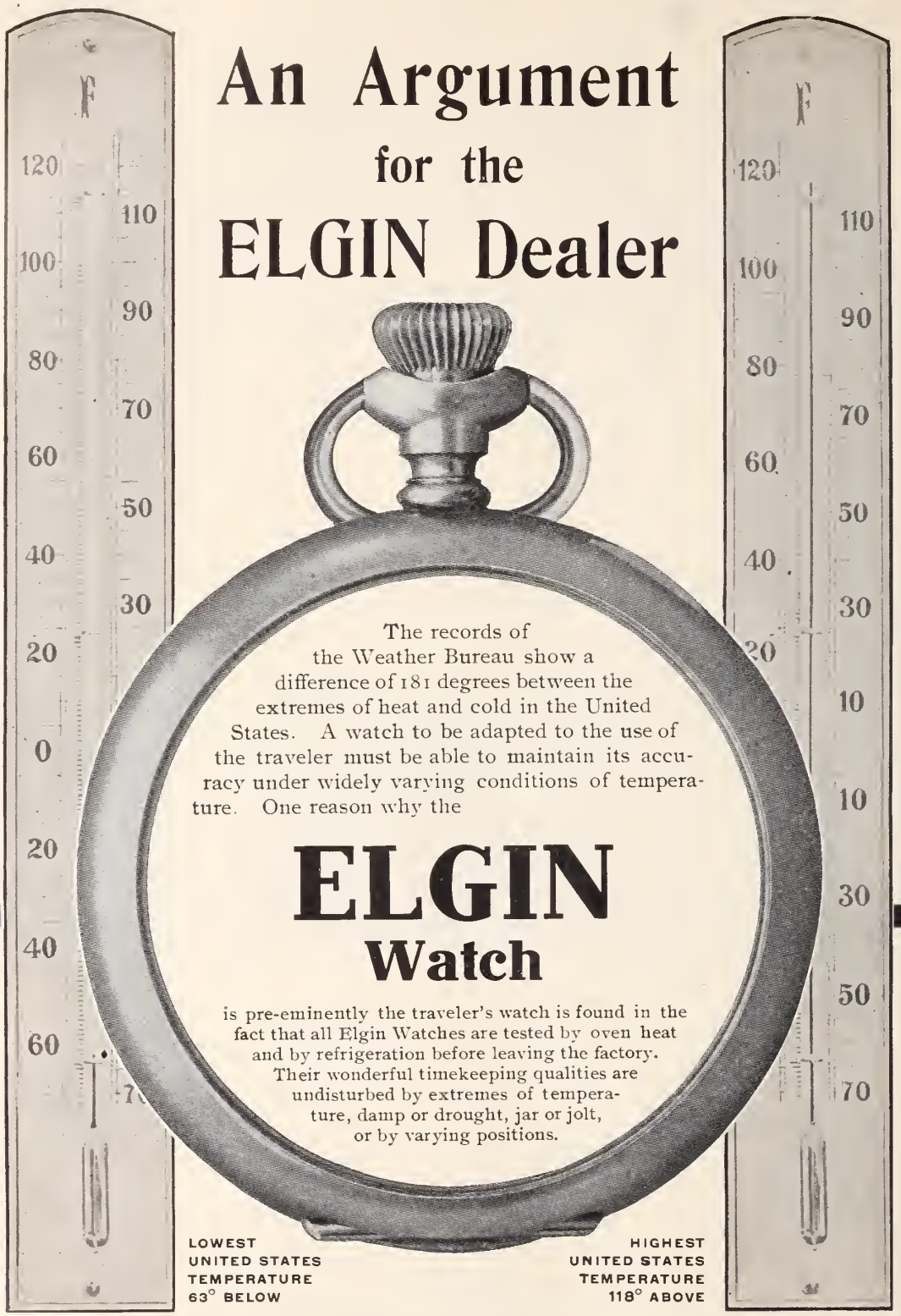


FIG. 2.

[A clock with five trains, running eight days, striking the hour and the half hour, and the curfew. It plays every hour the "Ave Maria" of Our Lady of Lourdes.]

An Argument for the ELGIN Dealer



The records of the Weather Bureau show a difference of 181 degrees between the extremes of heat and cold in the United States. A watch to be adapted to the use of the traveler must be able to maintain its accuracy under widely varying conditions of temperature. One reason why the

ELGIN Watch

is pre-eminently the traveler's watch is found in the fact that all Elgin Watches are tested by oven heat and by refrigeration before leaving the factory. Their wonderful timekeeping qualities are undisturbed by extremes of temperature, damp or drought, jar or jolt, or by varying positions.

LOWEST UNITED STATES TEMPERATURE 63° BELOW

HIGHEST UNITED STATES TEMPERATURE 118° ABOVE

The above is one of the many good arguments for the Elgin Watch, all of which help the dealer to sell Elgins.

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

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in point of its dimensions surpasses anything of the kind ever built, at least in France.

The clock at Avranches is 4.15 metres long, 1.90 metres wide and 2.40 metres high. It weighs 2,000 kilos, and strikes the hours on a bell weighing 6,500 kilos. It has four trains, one of which works a chime of 23 bells. The striking-hammer weighs 100 kilos. There are seven dials, within and without. The pinwheels of the striking-apparatus are 60 centimetres in diameter. Thanks to the kindness of Mr. Gourdin, we can give here (Fig. 1) a view of this extraordinary clock, reproduced from a photograph taken at the shop of the builder. Here are some interesting details concerning it: The hours are struck by a clapper, or hammer, weighing 100 kilos and driven by a weight of 300 kilos. Every bell, excepting that which strikes the hours, has two hammers of weights varying from six to 20 kilos. Every train of the striking-chimes is driven by a weight of 265 kilos. The quarter-hours are announced by the hymn "Inviolata." At the first quarter the chime gives In-vi-o-la-ta. At the second In-vi-o-la-ta in-te-gra. At the third, In-vi-o-la-ta in-te-gra et cas-ta. At the fourth, In-vi-o-la-ta in-te-gra et cas-ta es Ma-ri-a.

Before the hour of noon and before seven in the evening the air "Inviolata" is replaced automatically by another hymn, varying according to the seasons. There are seven of these airs. They are: "Adeste Fideles," "O Filii et Filiæ," "Creator Alme Siderum," "Castis Amicum Mentibus," "Languentibus," "Parce Domine" and "Salve Regina."

The number of tunes can be increased at pleasure, for the cylinders carrying the cams which raise the hammers can be changed exactly like phonograph cylinders. The only condition, obviously, would be to attempt no airs out of the range of the notes which can be struck by the 23 bells. These notes are arranged from *la* natural to *sol* natural in the following manner:

There are 18 immovable bells used only for the chime, of which the highest is *fa* natural, weighing 33 kilos, and the lowest *do* above normal *la*. This *do* weighs 225 kilos. These 18 bells form a chromatic scale. Then there are the bells serving at the same time for the chime and to ring the peals for the church. These are: *Sol* below *la* normal, whose weight is 700 kilos; *mi*, weighing 1,090 kilos; *re*, 1,565 kilos; *do*, an octave below the former one, and weighing 2,230 kilos, and, finally, *sol*, weighing 6,454 kilos, which is the great bell before mentioned. It is to be noted that independently of the automatic mechanism the bells can also be struck by a hand apparatus, whereby they can be made to play all airs within the range of their scale.

From the Exhibition of 1889 to that of 1900 the house of Chateau, of Paris, had, in the gallery of machinery, an enormous bronze clock with four trains, the frame of which measured three metres in length, 2.30 in height, and whose pinwheels were 61 centimetres in diameter and seven centimetres thick. This clock could strike the hours on a bell weighing 6,000 kilograms. We reproduce here, as specimens, two important clocks, cuts of which have been loaned by L. D. Odobey, the younger, of Morez. First (in Fig. 2), is a clock with five trains, running eight days, whose principal wheels are 40 centimetres in diameter. This clock measures 3.15 metres in length and weighs 900 kilos. It strikes the hour and the hour following the half-hour (what is called middle striking), the curfew, and every hour the "Ave Maria" of Our Lady of Lourdes. The hour is struck on a bell weighing 800 kilos, the half-hour on one of 500 kilos. The curfew has three clappers, or hammers, two of which strike on the bells just named, and the third on one of 300 kilos.

The chime is composed of six bells: a *fa* of 200 kilos, a *si* of 45 kilos, a *do* sharp of 33 kilos, a *re* sharp of 24 kilos, a *mi* of 20 kilos, and a *fa* sharp of 15 kilos. The striking of the hour and the half-hour is accomplished with a rack, or *cremaillère;* that of the chime and the curfew by locking-plates.

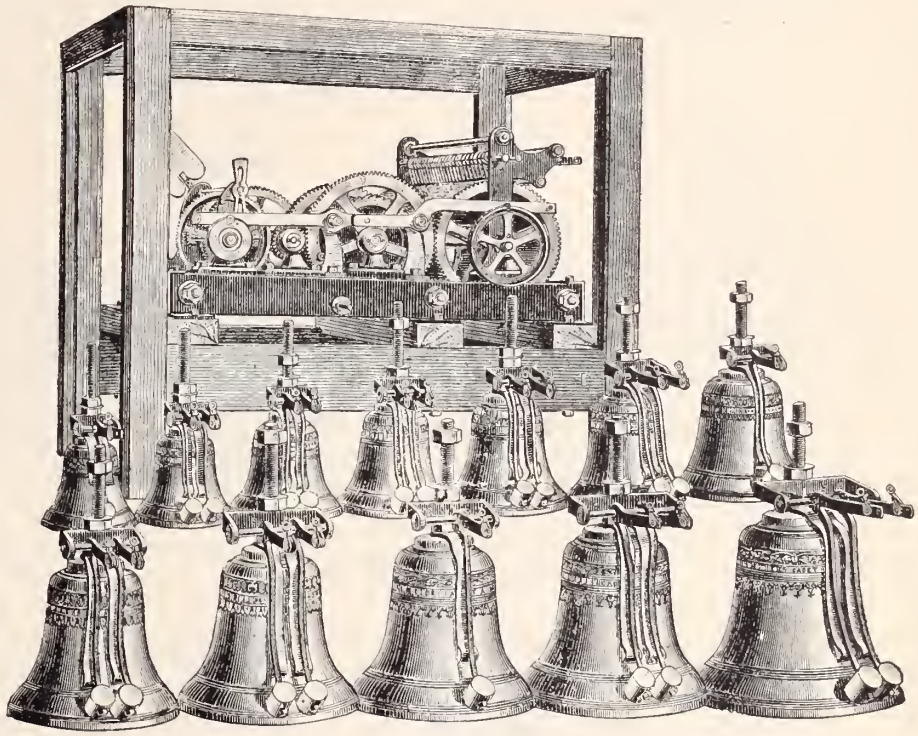


Fig. 3.

This clock is set up in the church at Lederzéele (Nord).

The other large clock with a chime strikes the hour on a great bell of 6,000 kilos, and the half-hour and the hour next following on a bell of 4,000 kilos. Every quarter of an hour it plays a tune on a chime of 37 bells, having a total weight of 18,000 kilos, the largest of which is the great bell, before mentioned, and the smallest, one of 10 kilos only. The 37 bells make three consecutive octaves. The large chiming-wheel is 70 centimeters in diameter; the cylinder wheel is 35. The chime changes its tune automatically. It can play "La Dame Blanche," "Les Puritanis," "Petit Papa" and "J'ai du Bon Tabac." The weight of the mechanism is 1,300 kilos. The movement is worth 12,000 francs, and the bells cost 75,000 fr.

The last illustration (Fig. 3) represents a separate train for the chime. It can be thrown out of gear by hand, or automatically by the clock itself. The tunes (which must be changed by hand) are "La Marseillaise," "Le Chant du Depart," "Le Choeur des Girondins" and an "Air de Chasse." These are played on 12 bells: a *sol* of 85 kilos, *la* of 65 kilos, *si* flat of 55, *si* of 45, *do* of 40 kilos, *do* sharp of 33 kilos, *re* of 26 kilos, *mi* flat of 20 kilos, *fa* of 17 kilos, *sol* of 13 kilos, *la* of 10 kilos. The striking wheel and the cylinder wheel are of the same diameter, measuring, each, 40 centimetres. This clock is set up at Courblanchien (Cote-d'Or).

We say of a clock, in a general way, that it is a machine which we can ask at will to fill the most complicated and extraordinary functions, on condition of giving it a driving-weight. The weight is, in fact, the grave question, especially when one wishes to be rid of the trouble of winding it every day. The only limit which restrains the clockmaker is the price the customer is willing to pay. To-day the customer, whether towns or individuals, who do not consider the price, are very rare.

We are far from the time when Louis XIV. put 2,500 workmen at the disposal of Mme. de Maintenon to build the house at St. Cyr in a year. Still further are we, perhaps (although, historically, the time is less remote), from John V., of Portugal, who built the colossal and pretentious palace at Mafra, near Lisbon, on which 35,000 workmen were employed. In this palace are two towers, identical in shape, 68 metres high. Each contains an enormous clock and a chime. The dials measure 4.30 metres in diameter, and the figures on them are 65 centimetres high. Each clock strikes the hours on a bell weighing 12,000 kilos, and measuring 2.80 metres in diameter at the base, and 2.40 metres in height. The iron hammers which strike the bells weigh 280 kilos, a record which is assuredly hard to break in our time.

In counting up tthe mechanism of the two clocks and their chimes we reach the

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5367 15 jewel same as above **9.75**



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5373 15 jewel same as above **9.75**



5374 0 size. Htg. gold filled, guaranteed 20 yrs. engraved, E. T. sun ray or plain, Adonis, 7 J.... **$8.25**

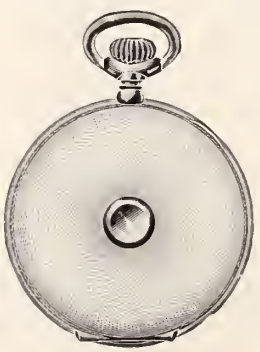
5375 15 jewel same as above **9.75**



5376 0 size O. F. gold filled, guaranteed 20 yrs. assorted gold colored engr. designs Adonis, 7 J.... **$7.80**



5377 0 size O. F. gold filled, guaranteed 20 yrs. assorted gold colored engr. designs Adonis, 7 J.... **$7.80**



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incredible total of 217,000 kilos of metal in the two towers. The greater part of this figure is represented by the bells, of which there are 57 in each tower, 48 for the chimes proper (among these 48, the largest weighs 10,000 kilos), so that in the two towers there are four bells, two for the hours and two for the chimes, representing alone a total of 44,000 kilos. Each tower can be regarded as carrying a mechanism of five trains; one for the hours, one for quarter-hours, one for the movement and two for the chime. All the pieces are of polished iron or of bronze and of perfect workmanship.

It appears that the total sum paid the builders of these clocks, Nicolas la Vache and Guillaume Withlokx, of Antwerp, was about six million francs. After that we can draw up the ladder and close the chapter on monster-clocks, can we not? Let us, however, mention in addition the dials of the cathedral of St. Rombaut, at Malines, which are 13.70 metres in diameter—that is to say, about 44 metres in circumference, with a chime of 44 bells, the finest in the world.

Anti-Magnetic Watch Shields.

(Translated expressly for the JEWELERS' CIRCULAR-WEEKLY from the French of L. Leroy in the *Revue Chronometrique.*)

THE number of magnetized watches which are met with owing to accidental proximity of powerful dynamic machines is increasing daily. On the other hand, the apparatus existing for demagnetizing such watches do not always succeed in causing the magnetic tendencies to disappear entirely. For this reason a remedy seems to be needed, which will obviate the accidental magnetizing of such and similar objects appertaining to scientific apparatus.

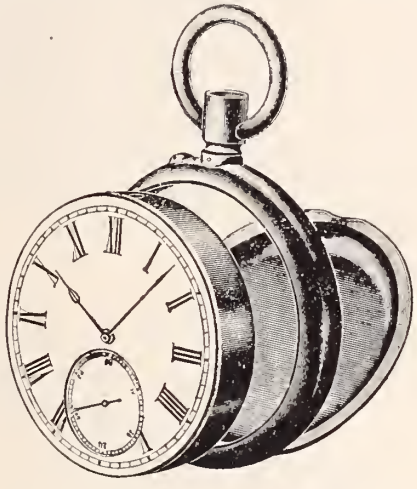
In studying this question I have examined many devices suggested for the protection of watches, and I have realized the superiority of such devices over the employment of non-magnetic balances, etc. Such balances, however, present many difficulties in their manufacture, are erratic in temperature changes, are not durable in action, and are therefore not entitled to the confidence of experts. The existence of these defects in non-magnetic balances has been verified by Mr. Paillard, by my father, by other horologists and by myself, and have caused me to consider among watches and other timepieces as non-magnetic only those which are protected by effective non-magnetic shields.

Some very simple tests have led me to discover how easily a watch may be prevented from becoming magnetized, of which tests I will record the following:

If we take a plate of soft iron and place thereon a piece of steel in the shape of a needle, place under this iron plate a magnet and move the same to and fro, it will be demonstrated that the needle is not affected in the least, because the iron, which is easily permeated, has absorbed all the magnetism; it has become charged partly and this state forms a shield against the action of the magnet. The magnetic force would have to increase greatly to indicate the smallest progress of the magnetic forms beyond its limits.

Try the same experiment with a plate of copper or of silver, and you will realize that the thickness of either of the two pieces of metal would not offer the least protection to the needle against a magnetic current reaching it, and this small bar of steel would be magnetized through this protection as though it did not exist. Furthermore, it is well known that steel is a body which is a dwelling place for residuums of magnetism when a contact between it and a strong current has taken place, while soft iron has not any of this property, or, if it does exist, it is in such small proportions that it may be neglected in practice.

By the light of such experiments I have become convinced that I can prevent a watch from being influenced by accidental currents by surrounding it with a shield capable of neutralizing by its permeable property the magnetism which envelops every moving dynamo. With this object in



WATCH SHIELD TO PREVENT MAGNETIZATION.

view I have constructed a watch case of soft iron, surrounding entirely the interior movement of a watch, and I have attached to this case an enameled dial, through which the hand may project. Next I have enclosed the whole in an ordinary case with a glass, in such a manner that this represents a sort of cap. It is understood that the winding stem projects from this case outwardly. This arrangement does not increase the size of the watch greatly. The great utility of such an arrangement and its success in resisting the magnetic volume surrounding a powerful dynamo makes this increase in size a matter of minor importance.

To verify the success of this innovation I placed my watch No. 5,207 for a competitive trial at the Hydrographic Marine Institute from Sept. 1 to Dec. 1, 1905, with other non-magnetic watches, the result being that in this trial my watch has been classed as No. 1, with a memorandum of errors: N. = 30.02, while the watches with non-magnetic balances obtained the following grades: N. = 55.85, N. = 16.029.

Henry Taubman, St. Johnsville, N. Y., is building an addition to the rear of his store.

Hugh Connelly, Detroit, Mich., has completed extensive improvements in his store. Among the novel features is a comfortably equipped resting room, provided with writing desk, easy chairs, telephone, etc.

New Illuminated Clock for Norfolk, Va.

THE new illuminated clock for the Garrett building, in Norfolk, Va., which is said to be one of the largest in the world, will have four faces, three of which will be 10 feet in diameter. The largest will show from the harbor, and will be 25 feet in diameter, the minute hands being 12 feet six inches long. The work on the frame of the clock is now in progress and will be completed very shortly.

Owing to the elevation of this clock, persons on board the various vessels in Hampton Roads, with the aid of glasses, will be able to tell the hour at night when the clock is illuminated. A very nice reception room is to be erected over the clock, which will be elevated about 150 feet above the ground. Here will be afforded a splendid view of the harbor and Hampton Roads.

Horological Notes.

A WATCHMAKER of Ontario has made a remarkable working model of an engine, says the London *Globe*. It weighs only four grains, and is made of gold and steel. It would take 120 of these almost microscopic engines to weigh an ounce, while 1,020 would be required to weigh a pound, and 3,840,000 to weigh a ton. The speed and horse-power of this little model have been estimated by Prof. Chant, of the University of Toronto. It makes 6,000 revolutions per minute, and its working power is one 498,000th of a horse-power. The bore of its cylinder is 300ths of an inch in diameter, and the length of its stroke one 32d of an inch.

* * *

Paul Lang, a jeweler of Stettin, Germany, recently wrote to Dr. Quitman Kohuke, city health officer of New Orleans, La., asking for information regarding the health situation in that city. His inquiry was prompted by a desire to make that city his home, but before coming he wanted to be assured that New Orleans was enjoying good health. He was sent a copy of the biennial report, which gives the statistics of mortality for many years. In his letter Mr. Lang said that he was in New Orleans 15 years ago and that the city was not reckoned very healthy at that time.

Where the Profit Lay.

Customer—So you sell these watches at $5 each? It must cost that to make them.

Jeweler—It does.

Customer—Then how do you make any money?

Jeweler—Repairing them.—*Stray Stories.*

Oscar E. Hamilton & Co. have moved from Gurdon, Ark., to Arkadelphia, Ark.

Charles A. Gaudette, 139 S. Main St., Fall River, Mass., has sold out to Jas. H. Wood, who for 20 years had been in the employ of Chas. E. Gifford & Co. The change of ownership will take place about Oct. 1. Mr. Gaudette contemplates retiring from the jewelry business after a successful career of about 17 years in the same location.



These advertisements in the October issues of the leading magazines will reach

5,000,000 SUBSCRIBERS

and a total of 25,000,000 ACTUAL READERS

This advertising is going to come home to you personally, Mr. Jeweler.

We have loosened the most subtle, all-powerful influence in the business world to-day—comprehensive, convincing national advertising—and with this trade-compelling force you must reckon.

It is going to work either for or against your own personal pocketbook—going to send new customers into your store or into your competitor's store. Which shall it be?

Hadn't you better ally yourself with us—work with us along the easy, profitable lines of least resistance, with the assurance that the

New England

ADVERTISING WILL BE YOUR SALESMAN

Let us be partners. We offer you not flattery and coaxing, but substantial salesmaking aid. We offer you not only watches to fill your show cases, but new customers to empty them. Will you join hands with us? We offer you what every business man wants—increased sales—profits. We offer you the assurance that the New England line will break all records during this Fall and Winter season.

Won't you reap your share of the profit? Write us to-day, now, for the details of our plan for giving you real trade-getting, profit-making aid. Address

DEPARTMENT OF PUBLICITY

NEW ENGLAND WATCH CO., Waterbury, Conn.

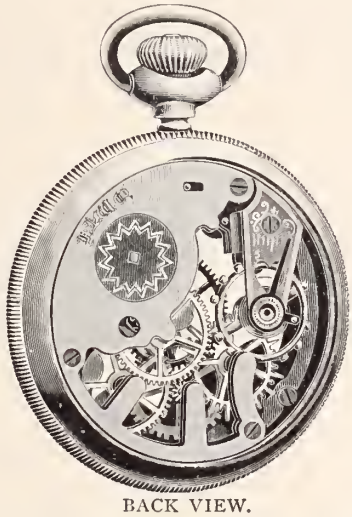
You Can Look Right Through



The Skeleton Watch



FRONT VIEW.



BACK VIEW.

The Skeleton Watch is a novelty that sells; that will attract unlimited attention if displayed in your window. The movement is skeletonized throughout so that all the working parts are distinctly visible. You can see right through it.

The case is thin model; made with fine, clear crystals, front and back, these being especially ground to make a graceful contour of case. This makes a light, practical, pleasing and most fascinating timepiece.

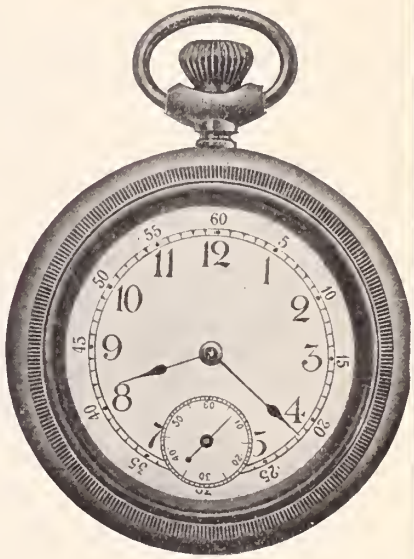
The Skeleton will prove a profitable novelty for you this Fall.

TRADE PRICES:

No. 981	Nickel Silver	Price	$2.50
2581	Sterling Silver	"	4.50
181	Gun Metal	"	3.00
4981	10-Karat, 20-year case	"	6.50

THE COWBOY





The very latest in a strong, finely finished watch.

Open face, nickel silver, screw case. Stem wind and set. Six jeweled movement.

Flat parallel crystals; 10-karat gold filled crystal ring, and gold filled crown.

The Cowboy is in every way a desirable timepiece; durable, stylish and one of the best sellers in the New England line.

Trade Price, $3.00
Retail Price, 5.00

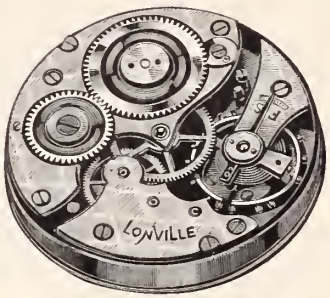
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LANGENDORF'S WATCH CORNER

TRADE MARK TRADE MARK

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LONVILLE Movements are being made in 0s, 12s and 16s. No Pillars, everything is solid, and nothing has been spared to make them, in every respect, a first class Lever Movement.

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NARDIN WATCHES

Thin Minute Repeaters, Split Seconds, Movements fitting American Cases, Ship Chronometers and Torpedo Boat Watches can be secured through

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Manufacturer of the Current Grade Colbert Watch

46 out of 99 PRIZES

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In the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

68 NASSAU ST., NEW YORK. GENEVA, SWITZERLAND.

JULES JÜRGENSEN

Watches and Chronometers

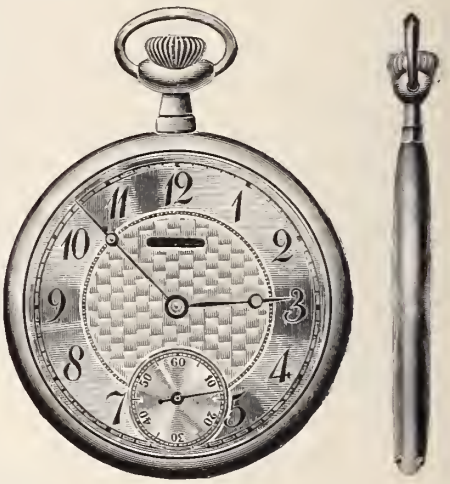
PARIS—"THE GRAND PRIX"—1900

SOLE AGENTS

RUDOLPH & SNEDEKER, 65 Nassau St., New York

THE LANCET

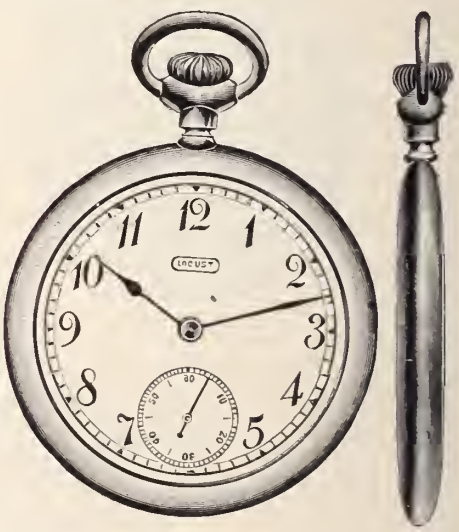
15 and 17 jewel, adjusted, cased in 25-year Gold Filled hinge, or Solid Gold, 14 Kt. The best and most attractive thin watch on the market.



THE LOCUST

THIN MODEL

7 jewel, lever, cased in 20-year Gold Filled, Screw back and bezel. Also in Nickel, Gun Metal, Etched and Silver.



The LANCET and LOCUST offer best value. Quality absolutely guaranteed.

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Again, Adequacy is important—the house must be equal to the heaviest demands that may be made upon it. These Offices are prepared to rise to all occasions in the field of Watch supply.

Moreover, the machinery of business should work quickly to avoid disappointments and delays. Celerity is a cardinal principle of this business.

CHICAGO
103 STATE ST.

J. W. FORSINGER,
LEADING AMERICAN WATCHES AND MOVEMENTS

NEW YORK
2 MAIDEN LANE

OMEGA



MOVEMENTS ARE FINE TIME PIECES.

All made with Lever Escapements and Double Roller.
Pendant Set. Fitting American Cases.

Made in 6 Different Grades.
10 LIGNE. 11 LIGNE. 0 SIZE. 12 SIZE. 16 SIZE.
From 7 Jewels to 21 Jewels,
Adjusted to heat and cold and 5 positions.

Why is it so many watch movements are sold under the plea that they are just as good as the Omega? There must be a reason.

PRICES NOT ADVERTISED IN ANY JOURNAL.

A Trial will convince you of their merits. Send for price list.

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For BEAUTY of DESIGN, PERFECTION of FINISH and RELIABILITY Combined with Moderate Price

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A sample line is convincing. They are pendant setting in all sizes, fitting regular pendant setting cases. Decorated dials and Louis XV Hands supplied on a 1 grades.

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No. 100. Bridge Model, O Size, 7 Jewel, Hunting and Open Face, Pendant Setting.



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MANUFACTURED AND GUARANTEED BY

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TRENTON, NEW JERSEY

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ROY

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IT'S STANDARD







O Size Bassine Engraved Cases, made from assayed Gold, quality as stamped.

ROY WATCH CASE COMPANY,



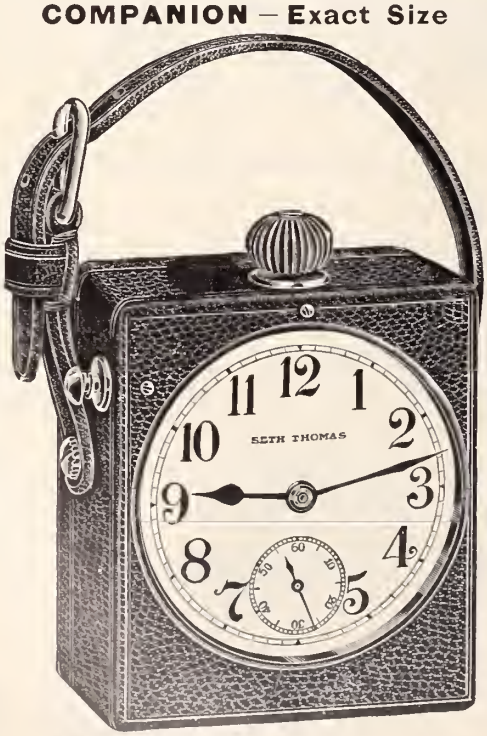
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Established 1813

COMPANION — Exact Size



A noiseless timepiece, consisting of a nickel Seth Thomas seven-jeweled watch movement, having Breguet hair spring and cut compensating balance, fitted in a metal block, held in a leather case, made up in the best possible manner. Stem winding and setting. Porcelain dial, Roman or Arabic, with heavy numerals and hands. An accurate timepiece.

Made in Red, Brown, Black, Blue and Light Green Genuine Turkey Morocco, and English Pig.
List Price, $8.20.

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List Price, $9.50.

Made in Genuine Alligator and Lizard.
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Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address

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New and Exclusive Designs

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We have just received from our printer
Our New 1907 Catalogue of

CUCKOO CLOCKS

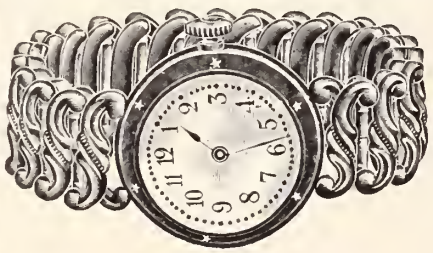
and we should like every Jeweler to have one.
It is the finest cuckoo clock book ever issued in this country, and contains an interesting talk to dealers about

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(Some of the trade papers have said some nice things about this catalogue.)

No dealer should think of ordering his fall supply without having read through this new catalogue of ours. Lay this paper aside for a minute and send us your business card.
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GOLD FILLED
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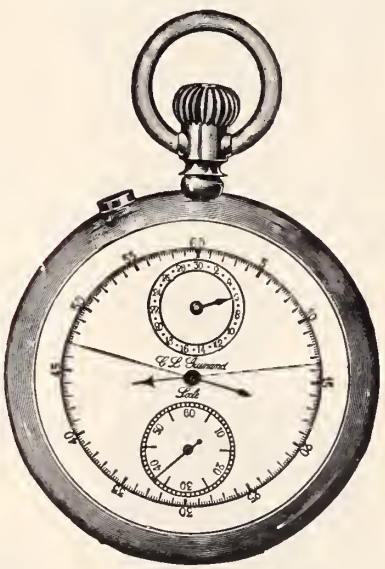
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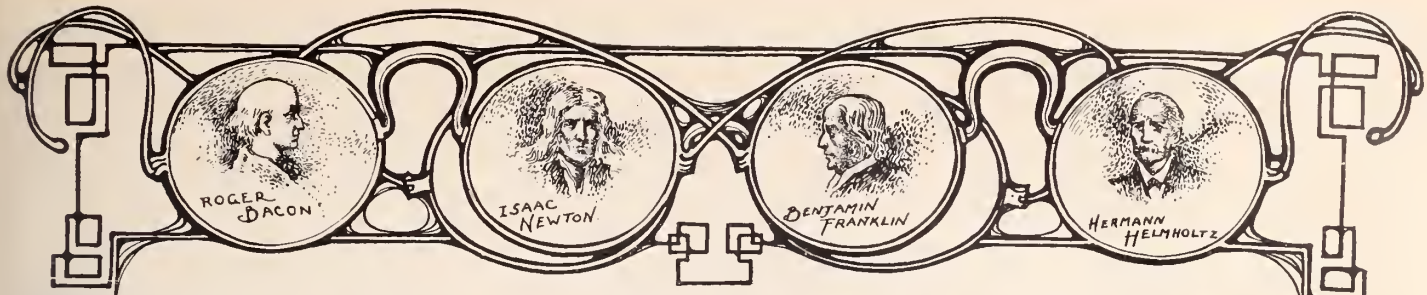
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Rockford Watches Speak for Themselves.



OPTICAL DEPARTMENT

The Optometrist's Catechism.

A SERIES OF QUESTIONS AND ANSWERS ON ELEMENTARY OPTICS, IN CATECHETICAL FORM.

By E. Le Roy Ryer.

Copyright, 1903, by The Jewelers' Circular Publishing Co.

(Continued from issue of Sept. 5.)

Q.—(672) What are the chief characteristics of cylindrical lenses?

A.—The prime function of a cylindrical lens is to act upon light differently in different meridians. Every cylindrical lens has what are known as two principal meridians. It has as many intermediate meridians as one wishes to imagine, but these intermediate meridians will be considered under another paragraph.

The two principal meridans are the only ones that the optometrist considers in the regular application of cylindrical lenses to astigmatic conditions. One of the principal meridians has no curvature and no refractive power whatever, and is known as the axis of the lens. The other principal meridian is that which has the greatest curvature and the maximum amount of refracting power, and is known as the principal meridan of the lens.

The principal meridans are always at right angles to each other; that is, the axis or meridian of no power is always 90 degrees from the meridian of greatest power.

The two principal meridians have been, at times, called the major and minor axes of a cylindrical lens, but these terms are confusing, and *axis* will hereafter be used to designate the meridian of no curvature or power and *principal meridian* will be used to signify the meridian at right angles to the axis or the meridian of greatest curvature and power.

The power of a cylindrical lens decreases as the axis is approached and increases as the principal meridian is approached. A cylindrical lens cannot create an image. Unlike the spherical, a cylindrical lens cannot focus a beam of light at a point; instead of a focal point, the cylindrical lens produces a focal line.

A beam of parallel rays passing through a cylindrical lens will be brought to a focal line; this focal line will be at right angles to the meridian of greatest curvature; its direction will correspond to that of the axis, and it will be at a distance from the lens equal to the focal length of the meridian of greatest power of that lens.

Rays passing through a cylindrical lens are refracted only on a plane at right angles to the axis of the lens.

Cylindrical lenses produce real and virtual focal lines as spherical lenses create real and virtual focal points. A convex cylindrical lens will create a real focal line; a concave cylindrical lens will create a virtual focal line. Objects seen through a cylindrical lens will appear distorted as the lens is rotated.

Q.—(673) In what manner does a plano-convex cylindrical lens act upon light?

A.—Fig. 94 represents a plano-convex cylindrical lens with its axis vertical. H, H represents the horizontal plane and V, V the vertical. V′ V′ V′ are parallel rays passing vertically through the lens in the plane V V. This plane coincides with the axis of the lens, and as the axis of a cylindrical lens has no refractive power the rays suffer no deviation whatsoever, but pass out still parallel toward V″ V″ V″. H′ H′ H′ are parallel rays passing through the lens in the horizontal plate H, H; this plane coincides with the meridian of maximum power and the rays H′ H′ H′ are, therefore, refracted and focused at the point H″. Rays in a horizontal plane immediately above H H would be conveyed to a point immediately above H″; rays in a horizontal plane immediately below H H would be converted to a point immediately below H″, and in this way if all the rays on the horizontal planes above and below H H were permitted to pass through the lens they would form a series

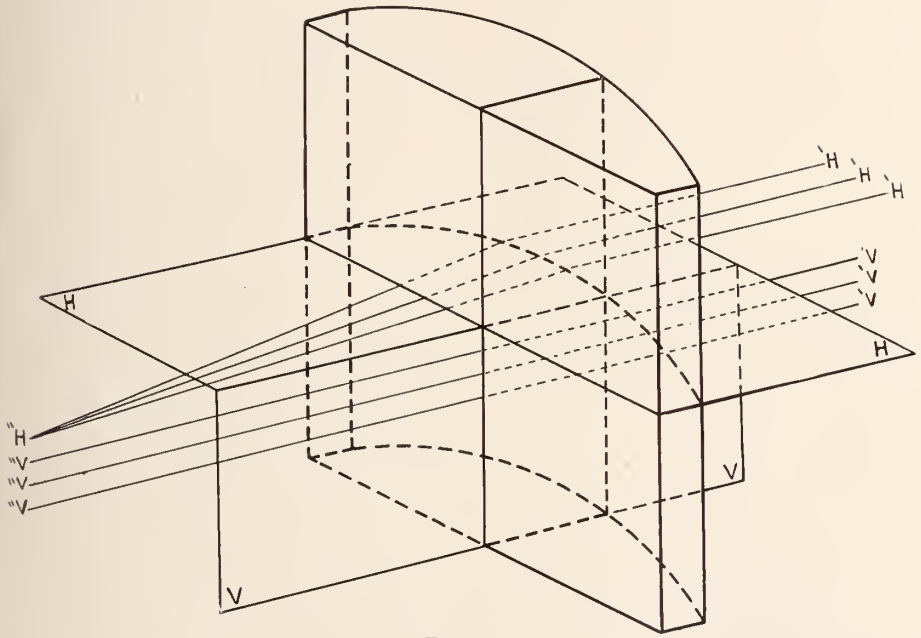


Fig. 94.

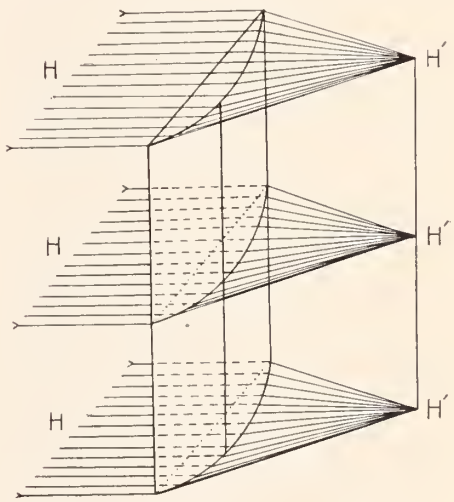


Fig. 95.

Optical Department.

of points, one above the other, which would, in reality, form a vertical line. Fig. 95 shows more clearly how the focal line is formed, although it does not take into consideration the rays lying in planes parallel to that of the axis. In this figure the axis of the convex cylindrical lens is vertical; rays in parallel vertical planes to the right and left of this plane would also form virtual foci and the total result would be a virtual focal line. Rays H H H represent parallel rays passing in the horizontal plane; in this lens the axis lies in the horizontal plane and the rays H H H would therefore, pass on toward H′ H′ H′, having suffered no deviation and remaining, therefore, parallel throughout their course.

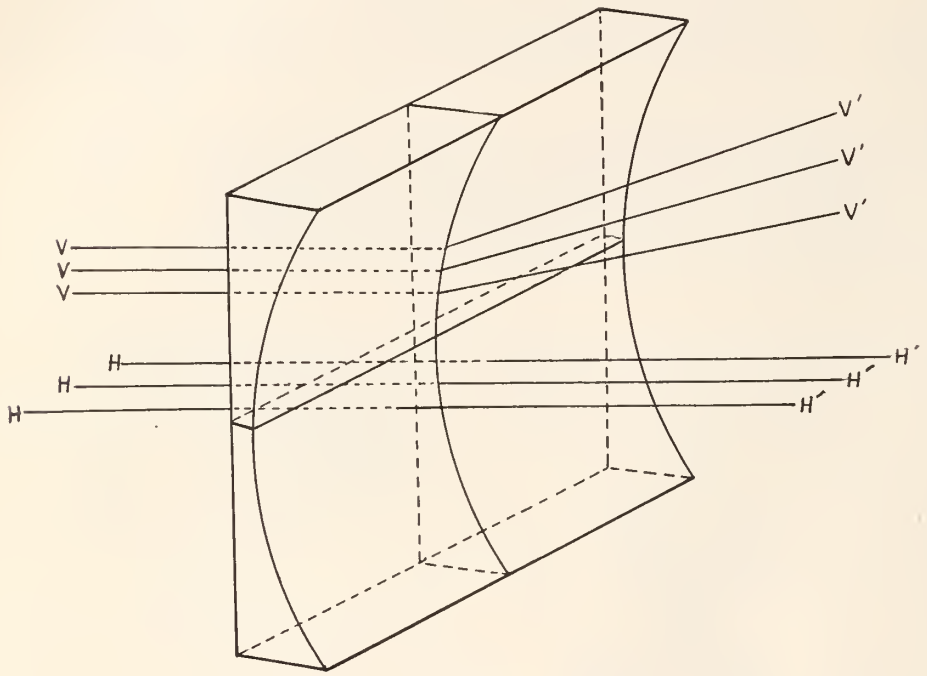


Fig. 96.

thus the meridian of maximum refraction is the horizontal. H H H represent three sets of parallel rays lying in horizontal planes, and each set will be focused at its respective H′. It is evident that the entire series of rays in the upper set, H, is compressed from a surface as wide as the lens into a point H′.

Hence, it can readily be seen that if there were a number of similar sets of rays between the upper and middle set there would be that number of focal points found between the upper and middle H′; for every H, therefore, there will be an H′, and if there were a solid beam of light on the left-hand side of this lens there would be a solid line of light on the right-hand side. This focal line includes all the light that first struck the lens and will, therefore, be a very bright line compared with the incident beam. The line will also lie in the same plane as the axis of the lens and at right angles to the plane of the meridian of greatest curvature.

Q.—(674) In what manner does a plano-concave cylindrical lens act upon light?

A.—Fig. 96 represents a plano-concave cylindrical lens with its axis horizontal. V V V represent parallel rays passing vertically through the lens; in this lens the vertical meridian has the maximum curvature; therefore, upon emerging, the rays V V V will be refracted and made to converge respectively toward V′ V′ V′. If the rays V′ V′ V′ were projected backward they would meet at a point back of the lens and form, here, a virtual focus; other

Fig. 97 shows how the virtual focal line is formed by a concave cylindrical lens. Rays starting from A A and B B lie in horizontal planes. Upon passing out of the cylindrical lens rays A A are made to diverge toward A′ A′ and ray B B toward B′ B′. The emergent rays A′ A′ now have a direction as though they came from F and the emergent rays B′ B′ appear to have started from L. The various sets of rays that can be included between A A and B B would be diverged as are A′A′ and B′ B′ and form respective virtual focal points, and if the space between A A and B B were a solid mass of light the space between F and L would be a solid line of light if the emergent rays could be turned back on their course. As a matter of fact, no real line is formed by the concave cylindrical lens, because the emergent rays are divergent and never actually meet. A virtual focal line is associated with a concave cylindrical lens as a virtual focal point is associated with a concave spherical lens; neither the point nor line exist except as conceptions of the mind.

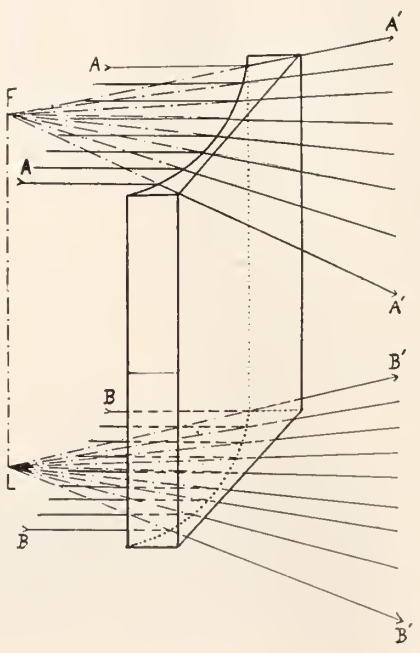


Fig. 97.

(To be continued.)

Another Opinion Regarding the Opening of an American Academy of Optometry.

Tarrytown, N. Y., Sept. 5 1906.

Editor The Jewelers' Circular-Weekly:

I beg to say that in my humble judgment, Mr. Ryer (for whose professional achievements I have the highest regard) is aiming too high—at least for the present time. No one will deny that the medical profession stands to-day on a higher plane than 40 or 50 years ago, though there is no National Medical Academy which contributed to this result. But suppose there were such an academy, how large a percentage of physicians would be members of it, if they were required to make and report every year original researches? There are brilliant minds in their profession, as well as shallow minds—the great number, however, belonging to neither of them.

So it is with the optometrist. He is an altogether different being from the optician of not many years ago, who, as a rule, could only assist his patrons in fitting their own eyes for presbyopia. Thanks to the more or less redoubtable optical schools he became acquainted with the researches of Donders and Helmholtz, and instruction offered him in our optical publications by Cross, Brown, Lockwood, Ryer, Kahn, Culverhouse, etc., besides the great number of text-books, should qualify him to cope successfully with the different defects of the eye. In all local and State organizations education is the watchword. And since through them much good has been accomplished, I say, let the good work go on. It may be a little slow, but it is sure in its results.

The Optical Society of the City of New York has taken a step in the right direction by forming an optometrical section which offers all its members a chance to increase their knowledge and to perfect themselves in their chosen profession. Let other societies follow suit. Yours respectfully,

Otto Offenhaeuser.

S. A. Martin, Stamford, Tex., has been succeeded by the Kirkpatrick Jewelry Co.

Carl P. Westphal, 310 3d St., Milwaukee, Wis., who is awaiting trial in the Municipal Court on a charge of kidnapping Lucille Wilson, daughter of Wm. Wilson, 418 National Ave., has been released from custody under bonds of $350.

Optical Department.

O. S. C. N. Y. Now Known as the Optometrical Society of the City of New York.

THE regular monthly meeting of the Optical Society of the City of New York was held in Parlor D.R. of the Fifth Avenue Hotel, New York, on Wednesday evening, Sept. 12, with an attendance of 21 members and two visitors. Owing to the absence of some of the officers, E. LeRoy Ryer occupied the chair, relieved at times by Mr. Dilworth.

Application for membership was made by Walter H. Markens, 2460 Seventh Ave., New York, and R. N. Johnquest, White Plains, N. Y. These applications will be acted upon at the next meeting.

The following were elected to membership in the society: Jos. Mantell, Muskogee, Ind. T.; Wallace W. Lent, Peekskill, N. Y.; Chas. C. Kraft, Highwood Park, N. J.; H. C. Aurnhammer, Newark, N. J.; Austin Soper, Madison, N. J.; Homer B. Hoyt, South Norwalk, Conn.

A vote of thanks was tendered to A. Martin, whose optical parlors are no longer available to the society as a meeting place. Mr. Marchant responded, stating that the society was at liberty to use his quarters and instruments at any time it chose.

Mr. Ryer, as chairman of the examination committee, consisting of himself and Messrs. Marchant and Dilworth, reported that they had met last week and got matters in shape to prepare an examination for Wednesday. Mr. Michel stated that it would be better for all concerned to postpone the examination and hold the first one two years hence, so that all the participating members can take the examination at one and the same time, and in that way create a better feeling among all. After some discussion it was decided to hold the examination in September, 1908. Upon Mr. Ryer's motion the fourth paragraph, page 9, of the by-laws, which read, "All members upon passing the examination for membership in this section shall pay a fee of $10 for the certificate," was changed to read, "All members of this section shall pay a fee of $10 upon taking the examination, and if they pass shall be presented with a certificate, which will remain the property of this society, and shall be subject to forfeiture upon demand of the society."

Hereafter all business work of the society is to be concluded before 9 o'clock, when the scientific session will begin.

The Rochester code of ethics was adopted by the city society at this meeting, and the secretary was instructed to have it printed and distributed to the members at the next meeting.

Another important feature of this meeting was the decision, at the suggestion of Mr. Ryer, to change the name of the society, beginning Jan. 1, 1907, to "The Optometrical Society of the City of New York." Each member of the society will hereafter wear a badge so made as to allow the insertion of a slip bearing the member's name.

The quiz, which followed the business session, was one of the best held, and by the prompt replies and interest shown by the members it proved that they had not been idle during the two months of vacation. The next lessons to be taken up will be Nos. 11, 12 and 13 in Henderson's "Lessons on the Eye," and, if possible, a review of previous work:

QUESTIONS ASKED DURING THE LAST QUIZ OF THE O. S. C. N. Y.

(1.) When are eyes in a state of muscular equilibrium?
(2.) Which is the fixing eye in strabismus?
(3.) Which is the deviating eye in strabismus?
(4.) What is the difference between paresis and paralysis?
(5.) What is internal ophthalmoplegia?
(6.) What is external ophthalmoplegia?
(7.) What is total ophthalmoplegia?
(8.) What is meant by the primary deviation?
(9.) What is meant by the secondary deviation?
(10.) Which of the two is the greatest in paralytic strabismus?
(11.) What is the cause of diplopia?
(12.) Which image is called the true one and why?
(13.) Which image is called the false one?
(14. What is homonymous diplopia?
(15.) What is its significance?
(16.) What is heterononymous diplopia?
(17.) What is its significance?
(18.) Name some of the reflex symptoms of paralytic strabismus.
(19.) What is sometimes the carriage of the head?
(20.) Where is the seat of the trouble in paralytic strabismus?
(21.) What disease is the principal cause of this condition?
(22.) What can be done with lenses?
(23.) In what way does paralytic strabismus differ from the concomitant variety?
(24.) What is the meaning of the word "concomitant"?
(25.) What is monolateral squint?
(26.) What is alternating squint?
(27.) When does the convergent form come on?
(28.) Why is diplopia not usual in converging squint?
(29.) What relation is there sometimes between hyperopia and strabismus?
(30.) What relation is there sometimes between myopia and strabismus?
(31.) Which eye is usually amblyopic in cases of strabismus?
(32.) What would happen if one eye is not amblyopic?
(33.) When may a case of squint not be due to a refractive error?
(34.) What can be done for squint with glasses?
(35.) What is asthenopia? How recognized?
(36.) What is orthophoria?
(37.) What is heterophoria?
(38.) What is exophoria?
(39.) What is esophoria?
(40.) What is hyperphoria?
(41.) What are the causes of heterophoria?
(42.) What is the cover test?
(43.) What can be done for heterophoria with glasses?
(44.) What is nystagmus, and the cause of the same?
(45.) What can be done for nystagmus with glasses?
(46.) What is blepharitis? What are its causes?
(47.) What can be done for blepharitis with glasses?
(48.) What is hordeolum, and the causes of the same?
(49.) Can anything be done for hordeolum with glasses?
(50.) What is a chalazion, and the causes of the same?
(51.) What effect on the refraction of the eye can a chalazion have and why?
(52.) Can anything be done for chalazia with glasses?
(53.) What is trichiasis, and the causes of same?
(54.) Can anything be done for trichiasis with glasses?
(55.) What are entropion and ectropion? And causes of the same?
(56.) What can be done for these conditions with glasses?
(57.) What is ankyloblepharon?

T. W. Humphry, Kendall, Mont., has been succeeded by the Humphry Jewelry Co., Ltd.

Regular Monthly Meeting of the Rochester Optical Society.

ROCHESTER, N. Y., Sept. 12.—The regular meeting of the Rochester Optical Society was held in the office of Clark & Bowen last evening. Upon the motion of Mr. Orrington it was decided to send a letter of thanks to the different firms which rendered assistance by helping to make the visit of the members of the American Association of Opticians a success while in this city. Briggs S. Palmer, Boston, Mass., was elected an honorary member of the society.

The subject of lectures for the Winter meetings was discussed, and it was decided to take one subject at a time and have a lecture illustrated by lantern slides.

Mr. Arrington suggested that Dr. Bowen give the first lecture, demonstrating the proper way to use the ophthalmoscope, at the next meeting, which will be held Oct. 9.

Applications for membership were received from O. C. Robinson, Newark, N. J.; Richard S. Folts, Geneseo, N. Y.; M. E. Colvin, Lyons, N. Y., and Harry Roy Van Winkle, of this city.

Disorders from Eyestrain.

EYESTRAIN is beginning to receive considerable attention in medical circles. Many are the cries from medical men to the brethren to give more heed to this matter. The latest call comes from O. A. Griffen, in the journal of the American Medical Association, in which he deplores the silence of many text books on internal and nervous diseases in regard to the effects of eye strain upon the system, which, he thinks, accounts for the lack of appreciation of the importance of eye strain by so many members of the medical profession, even at this late day. (Yet these are the men who are claiming that they only should deal with refractive errors).

Dr. Griffen groups the usual symptoms of eye strain under three divisions, namely: (1) muscular asthenopia, (2) conjunctival and retinal irritation and (3) defective vision.

Sensations of dizziness and nausea frequently result from these conditions. A muscular or refractive error that in one person with ample reserve power may cause few or no disturbances, may, in another, seriously impair the vital functions without the ocular weakness which cause the trouble being recognized. Thus the ophthalmologist frequently meets cases of chronic headache, gastric disorders, nervous exhaustion, epilepsy, chorea, etc., that have resisted medical treatment, but which receives permanent relief by the correction of an ocular defect. He notes an increasing interest in the subject as an encouraging sign, but states there is yet room for improvement, both here and abroad.

If readers wish some original ideas on this subject of the relation between eye strain and disease, let him read, as it seems Dr. Griffen has been doing, A. L. Ranney's book on "Eye Strain in Health and Disease."

D. E. Sturgis, Houston, Tex., recently sold out to E. L. Benesch & Co. The latter will dispose of the stock at reduced prices prior to moving into the store themselves.

STORE KEEPING DEPARTMENT.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Profits Remarkable.

THE following story broke loose in Chicago some time ago. It gives one an inkling of what some of our public think of some of our manufacturing jewelers' margin of profits. And this is the way the story runs:

A certain Chicago retail jeweler was persuaded into the giving of a large stock order for snide jewelry at a price so tempting it could not be withstood. The drummer who represented the manufacturing concern gave manifest evidence of his pleasure at "sticking" the retailer on such a big scale when he met his traveling brethren upon his return to his hotel.

Upon receipt of the great order the eastern factory eagerly sent forward all the stock they had on hand. They wrote stating that the balance of the order would be filled in a few days, that "the goods figuring in that order were of so high a merit and had suddenly become so popular they (the manufacturers) could not keep pace," etc., etc.

A few days later the Chicago retailer failed and the receiver wrote the eastern concern that a day or so after filing papers in bankruptcy the cases of jewelry had arrived. As this did not bring their goods within the reach of the creditors he said that said goods would be held subject to the manufacturers' instructions, and that an auction sale would be held in 10 days, and aforesaid goods would be sent to a storage warehouse pending information as to their disposal. He declared that the estate would certainly not realize more than 10 cents on the dollar.

To the receiver's amazement, within a few days he received the following telegram:

"We are shipping balance of order this day. Include us among creditors and throw all into sale."

Ed. Crane, Granite Falls, Minn., is offering his creditors 25 cents on the dollar.

A. D. Parmenter, jeweler and optician, Norway, Me., issues to every one who makes a purchase a neat business card, which entitles bearer to a very liberal discount on any article in his optical department if used within 30 days from the date of issue. A card is given with each sale. He calls the scheme, which he finds a most remunerative one, the "customer's profit and sharing system."

A Milestone Talk to Employes.

(By C. A. PARKE, in *My Business Friend.*)

THE employe who does what he is told, and nothing more, is like a milestone—there, just there, and nowhere else. Useful—yes, as the milestone is; to tell the fellow who is "on the move" that the farther away he gets the more progress he is making.

Yet the "waits-to-be-told" employe may believe he is doing his whole duty, and accomplishing everything that can reasonably be required of him. No doubt a milestone would believe the same thing—if it wasn't stone. He may escape censure; he may even be regarded as a very good clerk—but he is not essential to the success of the business. No more than a milestone is necessary to the turnpike, although it may be a superior milestone.

The employe who is really valuable—the employe who "gets there"—is the one who does not wait to be told what to do. He is the fellow who passes the milestone. He makes himself thoroughly familiar with every detail of the business that furnishes him employment.

Imagine a milestone knowing how the affairs of a road are conducted! He learns just what requires to be done, under ordinary circumstances—and makes plans for unusual happenings. Did a milestone ever collect toll, or stop a runaway horse? When he has made himself master of the situation, and knows what to do, he does it promptly, without asking questions or waiting for instructions. He keeps moving, you see—the milestone doesn't. He thus saves his employer the trouble of looking after petty details, and at the same time pushes the business ahead. How very unlike a milestone!

When mistakes are made, the employer frequently passes them over without censure—or with mild blame—for he knows that the employe who "does things" has energy, anyway. There isn't the faintest reason for ever scolding a milestone for moving about. The young man who knows how and applies his knowledge, is a "wanted" man, and if his present position does not offer broad enough opportunity, he quickly gets one that does. Nobody digs up a milestone, and transplants it.

The employe who does nothing more than he is told to do, not only neglects his employer's interests, but injures himself. Ever notice how moss collects on a milestone—so much, sometimes, that you can't read it? Waiting for another to lead renders him incapable of becoming a leader. A milestone waits—and waits—and waits. This encourages habits of indolence, both of mind and body, which, once formed, are not easily overcome.

About every milestone you see leans over—too lazy to stand erect, perhaps. By failing to give his employer the best service of which he is capable he is defrauding him. A milestone never cheats. And what is quite as bad, he fails to fit himself by practice for any position in which he would be obliged to think and act for himself.

He must be a milestone always—yet not a good milestone, for he lacks the stability and endurance of a milestone. And sooner or later he will lose the position he has—a milestone rarely is "out."

What May and May Not Be Exhibited in the Show Window.

IN a certain line of industrial retailing (not jewelry) a trade journal awarded prizes to contestants in show window dressing. A certain clever display artist came in for 11th prize at the hands of an unbiassed jury of expert retailers and manufacturers. He represented a Swedish retail house. He felt disgruntled, and his grouch takes the following form, because flowers and other ornate paraphernalia were called into conjunctive requisition:

"I take the liberty to send you a few lines with regard to the principles I consider ought to be applied in the judgment of such a matter and the distribution of prizes.

"With regard to the purpose of all window exhibition, what is more natural than that every one in his branch make use of just the articles he keeps? It cannot be thought that a draper would exhibit household articles, a tobacconist flowers and perverted decorations, unless they are composed of tobacco produce, a flower merchant anything but flowers, a fruit merchant anything else but fruits, etc. This principle is the same over the whole continent, and ought, I fancy, also to pervade such a practical land as the United States, because, if a sound principle is not followed in such cases, then the whole dressing business, as an art, will degenerate as well as everything in this life that is void of all principle."

Now, there is a superficial sound of logic

Storekeeping Department.

in this claim that a "cobbler should stick to his last," and one might easily be led into the belief that a jewelry window should contain nothing but jewels and those articles displayed for actual sale. Hence the value of an analytical examination of the show window displays limitations. And it resolves itself into the question—is it legitimate to draw heterogeneous articles into a jewelry window display?

An exposition of the first principles of trade displays gives us a clear perception of the illimitable field of action open on the premises. A window display is first, last and all the time for the purpose of selling goods. Such being the prime factor to rule the display, if a working model of a locomotive will sell jewelry, that piece of miniature mechanism has by right a position in the jeweler's window, because of its power to attract attention.

Having arrived at such conclusion, we can subject every display to a rigid accounting as to its right to existence by applying the simple question—is it likely to sell goods?

Now, the addition of flowers, these days so general in show windows, would not appear, in a direct manner at least, to induce sales of jewelry. But it must be remembered that if by a circuitous route you may obtain more customers, why avoid circumlocution? If the flowers attract street perambulating humanity in larger numbers to your window than jewelry alone, and if the more persons that are attracted to your window the more prospective customers will step into your store, then by what species of argument can the flower be forbidden presence alongside the ring, the locket and the watch?

And under such a kindly dispensation what a grand scope is opened up to the ambitious artistic window trimmer, limited only by the circumscription that he sell goods! C. W. C.

A Model Jewelry and Optical Store in Northampton, Mass.

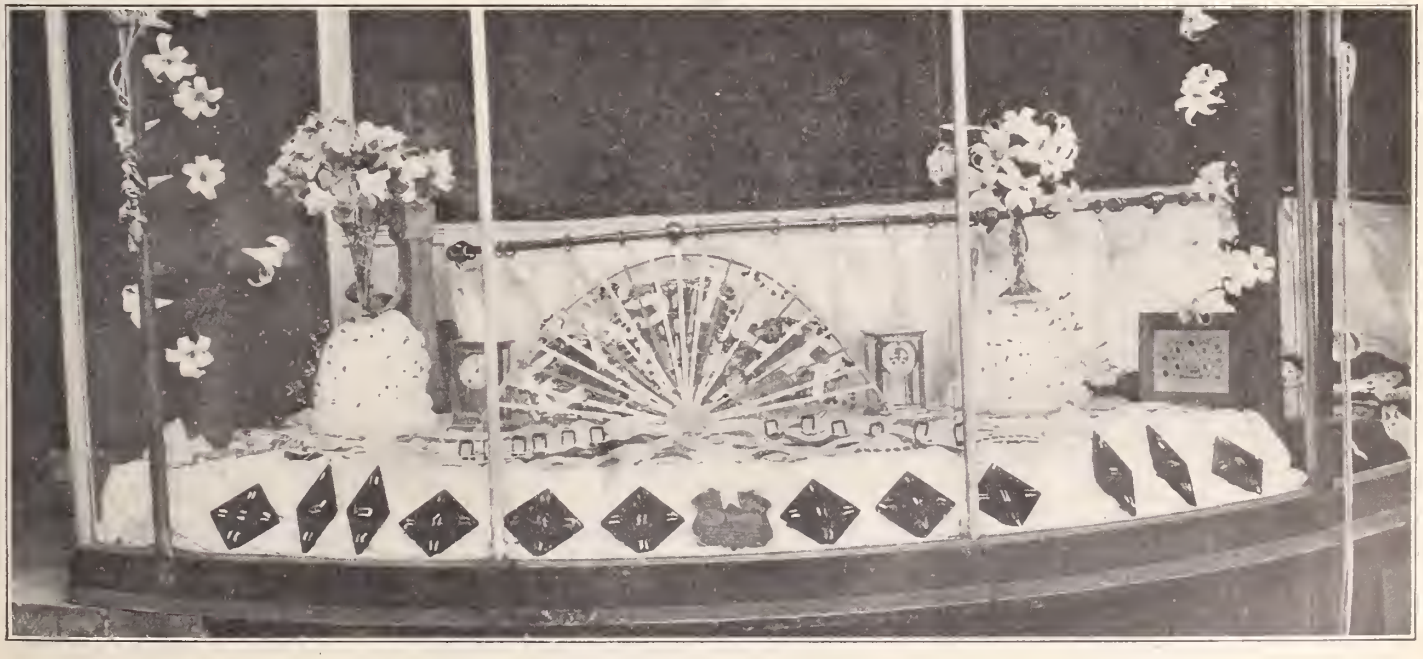
THE attractively furnished store illustrated herewith is owned by Frank E. Davis, Northampton, Mass. Improvements were recently completed in the store and it is now equipped with every modern convenience. By the removal of a partition near the rear of the store a larger private office has been obtained. The light has also been greatly increased in this manner.

To the cash railway system, which was installed a short time ago, has been added a system of telephonic communication which enables any one of the 10 clerks and employes to communicate with any part of the store where he may happen to be. The antique oak furniture of Mr. Davis' office has been replaced by handsome weathered oak of the latest design and other furnishings in keeping.

A feature of Mr. Davis' establishment, and one to which he is giving special attention, is the optical department, and in order to secure sufficient room, which the rapidly increasing business in this department demanded, he has been obliged to take space on the floor above, where the mechanical work is done. This department is easily reached by a stairway leading directly from the private office.



INTERIOR VIEW OF THE STORE OF FRANK E. DAVIS, NORTHAMPTON, MASS.



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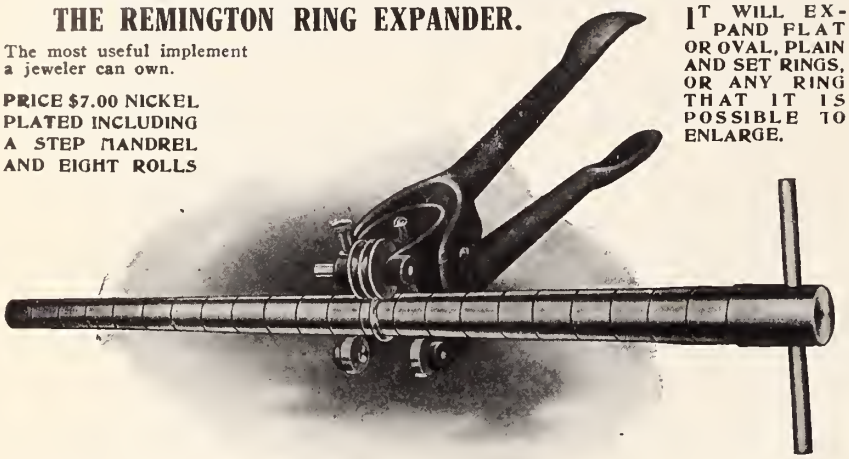
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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1659.—**Niello.**—*Will you kindly tell me what is "niello"?* *T. J. L.*

ANSWER:—Niello is a compound which is used for inlaying all kinds of silver articles. It was formerly used principally in Russia, where its composition for a long time remained a secret. The inventor is said to have been an artist by the name of Maso Finiguerra. Among his productions niello was found after his death. It is also said that the Egyptians made use of a similar substance in very old times. However, it first became generally known in the 15th century in Italy, where it was used by Italian jewelers. Cellini manufactured some choice articles with niello. It was also used by engravers, who filled copper engravings with niello, and the decoration of ecclesiastical vessels with it was much appreciated. Among the various alloys used in the manufacture of niello the following may be mentioned:

	Silver.	*Copper.*	*Lead.*	*Sulphur.*	*Salam.*	*Borax.*
(1)	8	18	13	4	..	90
(2)	2	5	3	2	..	30
(3)	3	5	7	6	2	24
(4)	1	2	4	5	..	..
(5)	2	1	..	3	4	..
(6)	16.7	33.3	.50	..	..	..

Each compound will give a different shade from light gray to dead black. Compound five will be a very hard substance and susceptible of a high polish. Number one is gray and rather brittle.

QUESTION No. 1660.—**Up and Down Index.**—*Will you kindly give me some suitable formula for an "up and down" index for a going barrel watch? I wish to know the proportions, more properly speaking, for the change wheels, those operating the hand when the watch is being wound and the hand moves to "up," and those that operate hand in opposite direction when it is operated by the barrel teeth in the running down. Also tell me what sort of information is contained in the book "Illustrated Studies in Horology," which I believe you have for sale. I have bought a number of the better and higher-priced books from you, as you will recollect, and received in information many times their cost price. If this last book is A No. 1 then I wish to buy, and will rely solely upon your advice and descriptions of same. In the watch spoken of the index will have to come at the figure 12, a most desirable place; but I thought possibly of placing them at 3. Please state which wheels are to be of brass and which of steel. How can I introduce some sort of spring under the dial to insure "up and down" hand moving gradually, instead of by jumps, caused by the necessary play between teeth of the two wheels which must come between dial and lower plate.* *R. P.*

ANSWER:—An up and down index for going barrel watches seems to be one of the things almost forgotten. If such is really the case, it may be attributed to several causes which are comprised in the following: There seems to be no demand for them, and therefore no incentive to make them; and this want of demand shows no necessity existing for their use, as the wearer of a stem-winding watch scarcely ever forgets the winding, which forgetfulness is encouraged where there is an occasion for hunting up a key. The only information on the subject at your service is contained on pages 421 and 422 in Britten's "Handbook for Watch and Clock Makers." The mechanical objection to attaching an up and down index to a pocket watch is not only the difficulty of construction but the amount of room it requires, and thin watches, so much in demand at present, would preclude the possibility of even thinking of one. As regards the "Illustrated Studies in Horology," we would refer you to our criticism of the book, published in the issue of THE CIRCULAR-WEEKLY of Oct. 11, 1905. We cannot give any reason why you should not purchase the book. A point by which the author has obtained the form of epicycloidal teeth in wheels is practical and very much in harmony with a suggestion of Saunier's. The author of this work has been a most studious horologist.

QUESTION No. 1661.—**Soldering Grease.**—*How can I make what is known as soldering grease?* *S. G.*

ANSWER:—A soldering grease suitable for many soldering purposes is made by melting over a slow fire 500 parts of olive oil and 400 parts of tallow. Stir into this 250 parts of powdered resin. When nearly cold, add 125 parts of saturated solution of salammoniac and stir thoroughly.

QUESTION No. 1662.—**Antique Green Gold Solution.**—*Please give me a formula for making a solution for plating antique green gold. I have a battery that I use for the Roman gold, and I wish to use the same current to produce the green color.* *A. G. G.*

ANSWER:—In order to produce the antique green gold, make a gold solution composed of one gallon of distilled water, one ounce of C. P. cyanide of potassium, four pennyweights and 18 grains of gold chloride, and one pennyweight and five grains of silver chloride. The solution should be used at a temperature of about 150°. Use a gold anode of about the same composition as the chloride.

QUESTION No. 1663.—**Gilding Protector While Engraving.**—*What preparation could I use to protect certain parts of engraving from being gilded? I would like something as nearly transparent as possible, and hard enough so I can engrave through the preparation without breaking it away from the cut.* *F. H.*

ANSWER:—There are only two substances which will resist galvanic deposits or their obliteration by an electric current, and these are asphaltum and parafine wax. Clock dials may be silvered by the battery without injuring the black cement with which the engraved figures have been filled, when such filling consists largely of asphaltum. A metallic surface may first be partly silvered and then partly gilded if the first coating is covered with parafine wax when the second one is applied. This knowledge may enable you to perform the operation which forms the subject of your letter. Any brittleness of either of these substances may be toned down a little by the addition of a small proportion of shellac in the one case and a small proportion of beeswax in the other. Experiments will suggest the quantity. It is to be borne in mind that neither asphaltum nor parafine can stand any high degree of heat without getting soft or melting.

QUESTION No. 1664.—**Silver Dip for Brass or Copper.**—*Kindly give me a good silver dip which I can use to color brass and copper articles without the electric current.* *S. D. B.*

ANSWER:—Articles made of brass and copper can be silvered with the following solution: Cyanide of potassium, one pound; water, 2½ gallons; nitrate of silver, 4½ ounces. Dissolve the cyanide and the nitrate in part of the water and then mix together. The articles to be silvered should be chemically clean and suspended in the solution, which has been heated to about 150° F. Articles that are bright polished before the dipping will come out polished, while the dead portions assume a silvery white finish. The solution will eventually become exhausted. It is then best to throw this away and make a new solution. The reason that this solution cannot be replenished is that a part of the brass and copper will dissolve in the solution. The amount of silver deposit is not very thick, but is known to be very adhesive.

Soldering Aluminum.

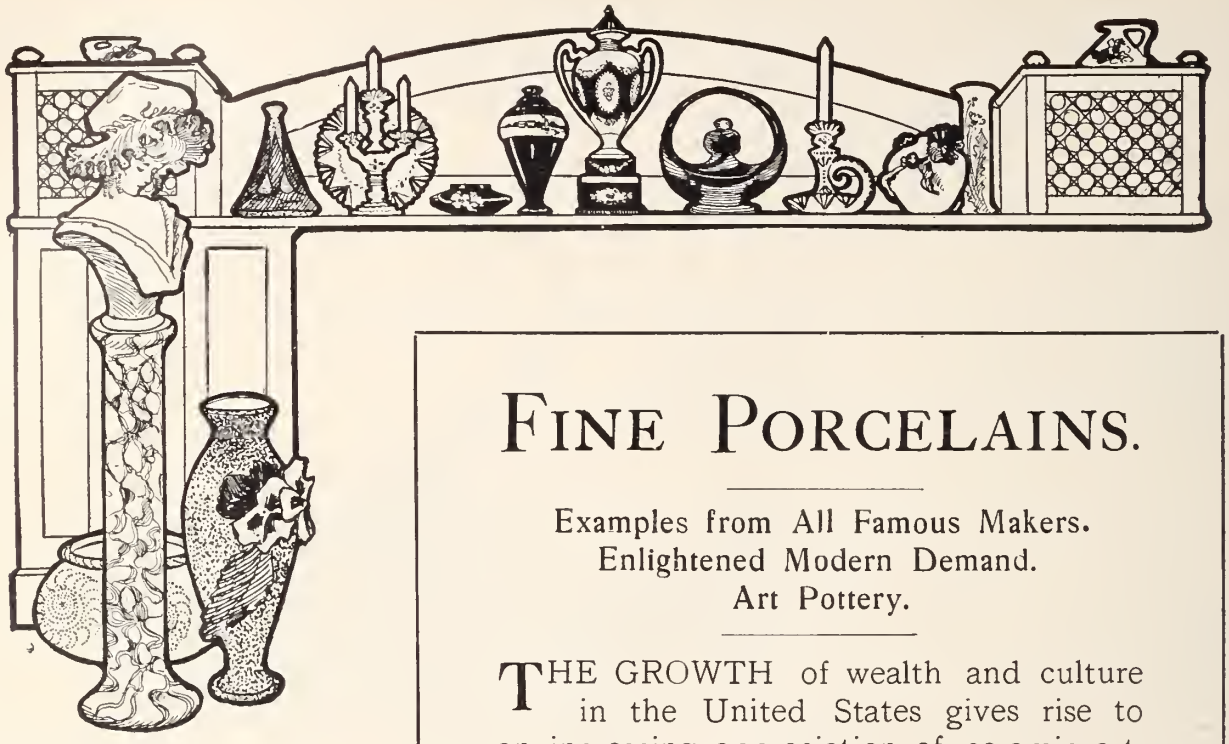
THE clearest instructions on the method of soldering aluminum are the following contained in the columns of a contemporary:

First coat the surfaces with chloride of zinc and heat. Then lay a piece of pure tin on the hot metal and when sufficiently heated the chloride of zinc will decompose, the zinc combining with the aluminum. The tin melting on this surface acts as a solder.

Copper also is said by this process to become soldered to aluminum. C. W.

Frank Six, Wellington, Kans., has been succeeded in business by Perry E. Miller.

Jos. De Lorenzi, for many years engaged in the retail jewelry business in Mishawaka, Ind., has sold out and will retire. Mr. De Lorenzi is president of the Mishawaka Business Men's Association.



Fine Porcelains.

Examples from All Famous Makers.
Enlightened Modern Demand.
Art Pottery.

THE GROWTH of wealth and culture in the United States gives rise to an increasing appreciation of ceramic art. A taste for fine porcelains is a mark of distinction. Jewelers should encourage this awakening interest among their customers.

Aside from the artistic beauty of decorated porcelains, they are possessed of unique and fascinating historic associations. They owe their development to royal favor and patronage. Many shapes, colors and designs relate directly to the most brilliant periods of the French Court. The whims of favorites and the caprices of reigning belles are reflected in the exquisite products.

The Ceramic Department of this establishment is notable for the fulness and variety of its display, including Sèvres, Vienna, Dresden and other pre-eminent lines as well as the richer examples of art pottery. Some lower priced goods are included to meet special requirements.

Ferdinand Bing & Co.'s Successors

Special Wares for the Art Department of Jewelers.

10 Washington Place, NEW YORK.

The CONNOISSEUR

Devoted to Art Pottery, China, Marbles, Bronzes, Cut and Decorated Glass Ware, Bric-à-Brac, Lamps, Art Metal Wares, Fancy Goods and Kindred Lines.

General Classification of Ceramics.

A GOOD glimpse over the entire field of ceramics is conveyed in the following summary by Prof. Sparkes, instructor in the South Kensington School of Art:

EARTHEN WARE.—Fired at low heats; earthy in texture, sufficiently soft to be scratched with a knife.

STONE WARE.—Fired at high heat; hard, dense and vitreous; not scratched by a knife.

PORCELAIN.—Fired at highest heat; still more vitreous, semi-fused and often translucent.

It is impossible to give precise classification on account of intermediate conditions.

EARTHEN WARE.

I. Unglazed—as a common flower-pot.

II. Ware with transparent, glassy covering.

a. Alkaline—as Persian faicnce.

b. Plumbiferous — as Wedgewoods, Queens, and "Oiron" ware.

c. Boracic—as Staffordshire earthen ware.

III. Enameled ware—in which the body is hidden by an opaque coating formed with tin—as Della Robbia and Delft wares.

Generally divisions II. and III. may be spoken of as faience and III. as majolica.

STONE WARE.

1. Unglazed—as certain Chinese and Japanese wares.

2. Ware with transparent glaze (generally a salt glaze) as in common brown "hunting jug" or "Doulton" ware. (This ware is sometimes called "brown porcelain.")

3. Ware with enameled or opaque covering (generally from the use of feldspar) —as a cream-glazed stone ware kitchen sink (sometimes called cream-enameled porcelain).

PORCELAIN.

Divided into two well-marked classes and these subdivided according to their bodies and glazes.

I. Natural or hard porcelain—the body is formed from kaolin (decomposed feldspar) and the glaze from chinastone (almost pure feldspar).

Occasionally this ware is left unglazed or "biscuit." Otherwise glazed, as porcelain from China, Japan, Dresden, Limoges and Sèvres.

II. Artificial or Soft Porcelains.

a. French—body formed from alkaline materials (saltpeter, sea-salt, alum, soda-ash, gypsum and sand) melted together, ground and mixed with chalk and marl; glaze also alkaline (composed of lead, sand, flint, soda and potash).

The old Sèvres porcelain comes into this class.

b. English, or "china," as it would be more generally styled—body of calcareous nature (bone ash, kaolin, china-stone or feldspar, flint, and sometimes clay); glaze generally boracic. Minton, Worcester, Derby, Bow, Chelsea porcelains are examples of this group.

Small Decorated Glass Lamps Declared Dutiable at Sixty Per Cent.

SMALL glass oil lamps, imported by Cowen, Heineberg & Co., at San Francisco, were recently declared dutiable at 60 per cent., as decorated ware, in a decision announced by the Board of United States General Appraisers, New York. The importers contended that the lamps should be assessed as toys or as manufactures of glass.

General Appraiser Sharretts in his opinion said:

"The merchandise in question consists of small oil lamps adapted for use in sick rooms instead of tapers, marked on the invoice No. 4 and No. 14, respectively.

"Regarding the lamps invoiced as No. 4 we find the same to be composed in chief value of glass, ornamented or decorated, and affirm the collector's decision in assessing duty thereon at 60 per cent. ad valorem under the provisions of paragraph 100 of the tariff act of 1897.

"The merchandise represented by item No. 14 is similar to that the subject of this Board's decision in G. A. 5,956 (T. D. 26,-111), where it was held that in the case of lamps composed in chief value of glass and colored in the spot with a single color, such coloring did not amount to a decoration or ornamentation. In the present case, however, evidence has been introduced from which it clearly appears that the lamps represented by item No. 14 are not colored in the pot, but are painted interiorly for decorative purposes. We accordingly find that the articles are dutiable as assessed, at the rate of 60 per cent. ad valorem under Par. 100, and the protest claiming duty thereon at 35 per cent. ad valorem as toys under Par. 418, or at 45 per cent. ad valorem under Par. 112 is overruled, the collector's decision being affirmed."

Hepner & Co., Helena, Mont., have dissolved. The business will be continued by B. Hepner.

Frank Mayr & Sons, South Bend, Ind., have been awarded the contract to supply the silverware for the new Elks' Temple, at that place.

Porcelain and Pottery Factory Needed in Brazil.

IN a recent report, Consul-General George E. Anderson writes from Rio that there is a good opening for the establishment of a porcelain factory in that part of Brazil:

"A short time ago a government license was issued for the formation of a company with a view to establishing a factory in or near Rio de Janeiro, and the matter was thoroughly investigated. Several large beds of first-class clay were found near the city, some of them on the shore of the bay, where water transportation could be had at a minimum of cost. Locations of several deposits of kaolin of a very high grade are known, and the projectors of the enterprise have secured options upon them. The government license is in such terms as to almost mean a monopoly of the porcelain business. The project had for its particular object the manufacture of bathroom and sanitary appliances, but the discovery of clay beds of so high grade changed the plans somewhat. An attempt was made to secure funds for the enterprise in England, but so far the attempt has failed. Americans desiring further information with respect to the project can probably secure it by addressing Dr. J. A. Wilkes, Rua Theo. Ottoni, No. 4, 1st Andar.

"Practically everything of the sort now used in Brazil is imported, and there is a good market for all such goods. Considerably over $1,000,000 worth of earthen ware and china not enumerated in special classes in the Brazilian customs returns were imported last year. Of this amount, Germany contributed one-third, Great Britain almost one-half, and France a considerable portion of the remainder. The United States sent practically none. A Brazilian establishment producing these goods will not only be favored by location, convenient material and transportation, but is also favored by a tariff which is almost prohibitive in some lines at the present time, and which, doubtless, would be modified to meet the needs of an important industry once established."

Derivation of the Words "Pottery" and "Ceramics."

THE word "pottery" is derived from the Latin "poterium," which means a drinking vessel.

The term "ceramics" comes from "keramos," the Greek word for pottery; it was derived from keras, a horn. Keramos was the son of Bacchus and Ariadne, and was the Greek potter's patron god.

C. DORFLINGER & SONS,

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Manufacturers of plain and cut Table Glassware of the highest quality.

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with

HAMMERED BRASS BASES

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LEADED GLASS SHADES

ORIGINAL DESIGNS



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18 in. Shade,
2 Lights,
24 in. High,
Complete,
$50, List.



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showing "The Colors of the Rainbow"

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in twenty-four different styles. Desk sets in artistic designs.

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Established 1879. Manufacturer of

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American ideas.

CHARLES M. PRIOR (PHONE 1224 HARLEM) 1683 Madison Ave., New York

Fancy Bracelets Lead in Jewelry Trade.

JEWELRY buyers for export and domestic trade are giving their attention at present, according to trade reports, mainly to bracelets and dog collars. In the bracelet line there is keen rivalry between the link and the stiff bracelet. The former is made up of gold disks, in each of which a jewel is set, and which are linked together by chains adapted to any size arm, being capable of clasping tightly or hooking up loosely.

These link bracelets are made of dull or bright gold in a variety of designs. The dull Roman gold is the more fashionable, and with it are used jade, pink and yellow topaz and baroque pearls. Linked bracelets made of platinum and cat's eyes are also beautiful.

Although the return to bracelets has been made through the chain and link styles, as these seem less stiff and fussy than the others, now that the way has been broken there seems to be a tendency to take up the stiff, old-fashioned wristband style. Quantities of these are shown in all the fashionable shops. Some of them are quite wide and made of gold or silver studded with jewels, while others have no jewels at all, but are decorated with carving only. It must be confessed that these heavy, stiff wristband bracelets are not the most graceful things in the world, but fashion has smiled upon them, and so they must be received.

Dog collars replace the fashion necklace for wear with lingerie waists and the lace and embroidery boleros which are one of the distinct features of white gowns this Summer. Made up in the most part in rose gold, whose yellow color contrasts with the gowns, they are set with a variety of semi-precious and imitation stones.

Following out the craze of Alice blue, which came into popularity when the President's daughter first affected the shade, stones of Alice blue encrust many of the new dog collars. Amethysts are largely used, and aquamarines have once more come into favor as settings for the new neck decorations and are much preferred to rhinestones.

Some of the dog collars are composed of rose gold medallions with no jewels at all, the parts strung together with fancy links or perhaps a horizontal bar of chased or filigree gold. The green gold is liked by many, generally for the reason of its harmonizing with some particular costume that the wearer likes rather by reason of its becomingness.—*New York Commercial.*

A Large and Beautiful Pipe.

THERE was recently placed on display in the windows of U. Langhammer, Brenham, Tex., a remarkable meerschaum pipe which attracted wide attention in that town and was the subject of comment by many of the newspapers of Texas. From the time it was placed in the window an admiring crowd kept watching it at all hours of the day.



ARTISTIC WORK IN CARVED MEERSCHAUM SHOWN ON PIPE EXHIBITED BY TEXAS JEWELER.

The pipe, an illustration of which appears herewith, is a magnificent specimen of European carving in meerschaum. As will be seen from the cut, it is in the form of the bust of a beautiful girl, the bowl being in the head and the opening thereof being in the crown of the hat which she wears. The meerschaum bowl is eight inches high, and has an amber stem of 12 inches, the entire length of the pipe from the end of the bowl to the tip of the stem being about 18 inches.

The pipe was brought back by A. C. H. Schweiss from the Vienna exposition, for which it was especially manufactured, and is valued at over $1,000. It was smoked just enough to avoid the payment of duty, and was turned over by the owner to Mr. Langhammer to be exhibited, and, if necessary, sold to a pipe collector.

Wm. Fine, of the Radius Jewelry Co., Atlanta, Ga., is at present in the east on a purchasing trip. Mr. Fine, before returning home, will visit Washington, Baltimore, Philadelphia, New York, Chicago and Cincinnati.



ENGLISH CHINA AND ENGRAVED GLASS.

AS the Fall season advances jewelers prepare to instal those fine lines which are especially suitable to the Christmas and holiday trade, and of the products kindred to the jewelry lines the leading jewelers handle few goods holding a higher place in the esteem of the buying public than fine English china. No more beautiful or varied a line of rich china novelties which show the perfection in manufacture attained by the British ceramists, can be seen than that displayed in the warerooms of John Davison, 12 Barclay St., New York, who is the sole agent for the lines of the Coalport China Co., Ltd., Geo. Jones & Sons, Ltd., and Adderleys, Ltd. Among the Coalport china specialties are to be found some of the richest as well as most beautiful products that ever have been turned out in these wares, and, in fact, the display carried by Mr. Davison is not even surpassed by the exhibit at the company's own warerooms in England. Among other lines carried especially for jewelers by this house is an assortment of specialties in rock crystal made by Stevens & Williams. An inspection of some of the designs both in cameo and intaglio decorations will prove a veritable treat to those who understand and appreciate fine and artistic work in glass manufacture.

*

NOVELTIES IN FRENCH CHINA.

IN their own popular line of Elite china, Bawo & Dotter, 26-32 Barclay St., New York, are exhibiting some hand-painted pieces that will compare favorably with any line of this character turned out from a Limoges factory. There are few general lines of French china offered to the trade which show the variety and general assortment that can be found in the Elite ware, as the manufacturers make it a specialty to cover both in quality and in decoration, every line of ornamental and useful china for which the jeweler feels a demand. In addition to their own lines, this house is showing an unusually large and fine assortment of pottery, bric-à-brac, art goods and clocks imported for the jewelry trade especially. THE RAMBLER.

The construction of the American Optical Co.'s plant in Southbridge, Mass., is progressing rapidly. The walls are now up one story and the first floor has been laid in cement. The present addition is being built at the rear of the southern end of the Mechanic St. building and is 160 feet in length. The whole structure is of brick and cement. A second building at the lens works will be of the same solid and fireproof construction.



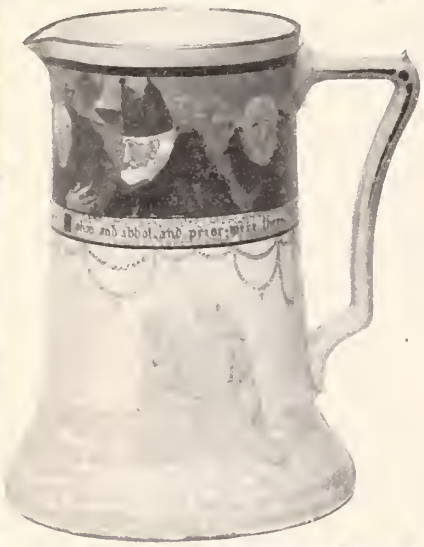
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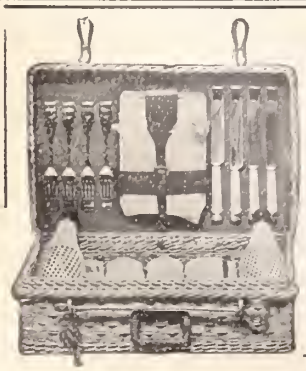
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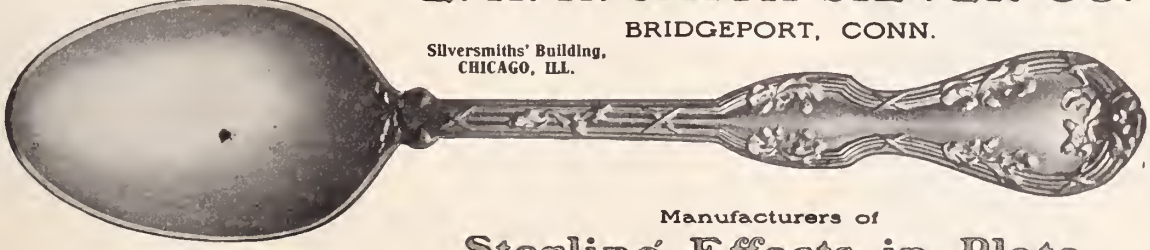
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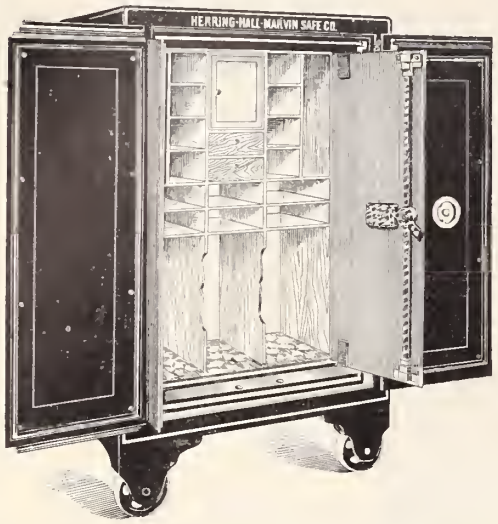
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SOMETHING ABOUT AUCTIONS



Perhaps you are overstocked. Maybe you have an accumulation of undesirable stock—the leavings of years. Possibly you would like to move to a new location and open there with new goods. Maybe you don't think well of auction sales.

Let Me Show You What Some Jewelers Think of My Method of Holding Auctions

I avoid the common mistakes of many auctioneers. *I do not advise you to fill your store with goods of inferior quality. I do not misrepresent or exaggerate.* A jeweler never *loses trade* because of my auction. *I better his reputation.* This I can prove by referring to jewelers all over the country that I have conducted sales for.

Now conducting my third sale for Messrs. Rubenstein Bros., 17 Broad St., Elizabeth, N. J. Read what they say: "Hand is now conducting his third auction sale for us. The results thus far have been very satisfactory. This is the fourth week of the sale and our books show a profit of 22% above all expenses. Our customers are well pleased. His manner of selling has benefited our trade."

If you want a sale like this, and are careful of your future trade, write me or wire at my office. My charges are no higher than the man with no ability.

JAMES L. HAND, Jr., 14 Maiden Lane, NEW YORK

Telephone, 1624 Cortland. Recommended by Leading New York Wholesale Jewelers



HOOPER,

Jewelers' Auctioneer

For the legitimate trade only. All sales conducted along modern and high-class lines. I know it would pay any legitimate jeweler thinking of having an auction sale to write me for terms and reference, which cannot be excelled by any auctioneer in the business. All correspondence held in the strictest of confidence.

H. J. HOOPER,

22 John Street, NEW YORK.

Telephone, 3255 Cortlandt.

GENERAL WATCH CASE REPAIRING.

Gold and Silver Plating, Satin Finishing, Engraving and Engine-Turning.



Old English and Swiss Cases changed to fit American Stem-Wind Movements.

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90 State St., CHICAGO, ILL.

"Perfect Yourself"

in ENGRAVING and EXPERT WATCH WORK.
Take a Post-Graduate Course.

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THAT GIVE
SATISFACTION



Velvet, Plush and Morocco Cases of Every Description for JEWELRY and SILVERWARE.

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Travelers' Trays and Cases in all Sizes.

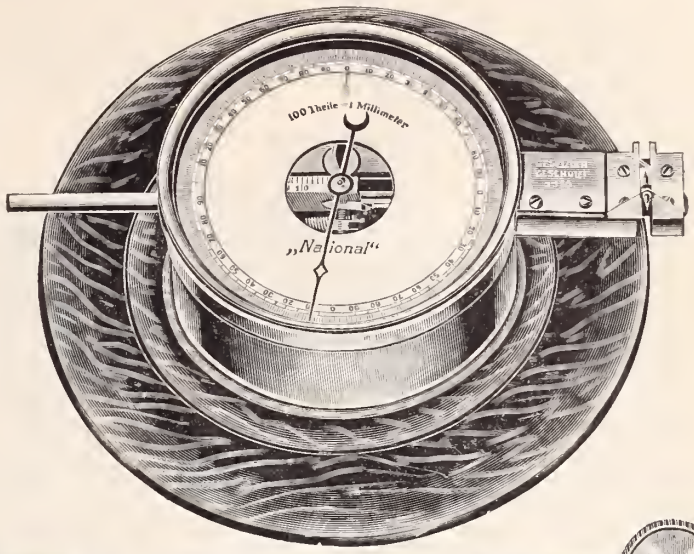
Paper Boxes, Tags, Cards, Cotton, etc.

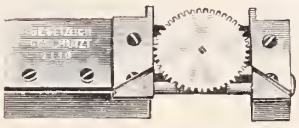
Visiting Buyers will find it advantageous to inspect our stock while in town.

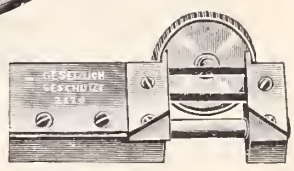


Wolfsheim & Sachs
35 MAIDEN LANE
NEW YORK

Factory 10 GOLD ST. Telephone 3518 John



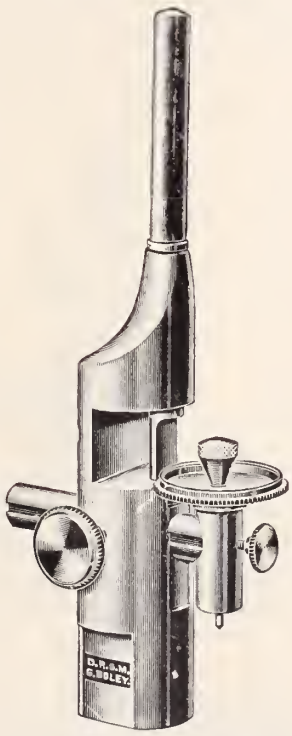


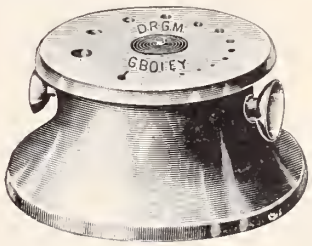


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The 100th part of a Millimeter can be easily read on the Dial of this Gauge. The most accurate article made. Suitable for measuring articles of the most delicate nature, such as Jewels, Pivots of Staffs, Roller Pins, etc., up to articles one inch in diameter. For taking interior measurements, use gauge as shown on sketch, allowing 2 mm. for thickness of the two Jaws. A beautiful piece of workmanship which should not be missing from the benches of careful workers.

Price, $18.00





BOLEY HAIRSPRING TABLE.

Practical tool for laying and otherwise manipulating the hairspring. Pressing together the two buttons on the side closes the two fine prongs which project through the center of the plate. After having placed the collet over these prongs, and releasing the pressure upon the buttons, the prongs will spread apart and clamp the collet very tightly, permitting the use of the two hands, while laying, bending or "Bregueting" hairsprings. The plate is made of matted aluminum, showing up the coils of the spring to the best advantage.

Price, $1.50

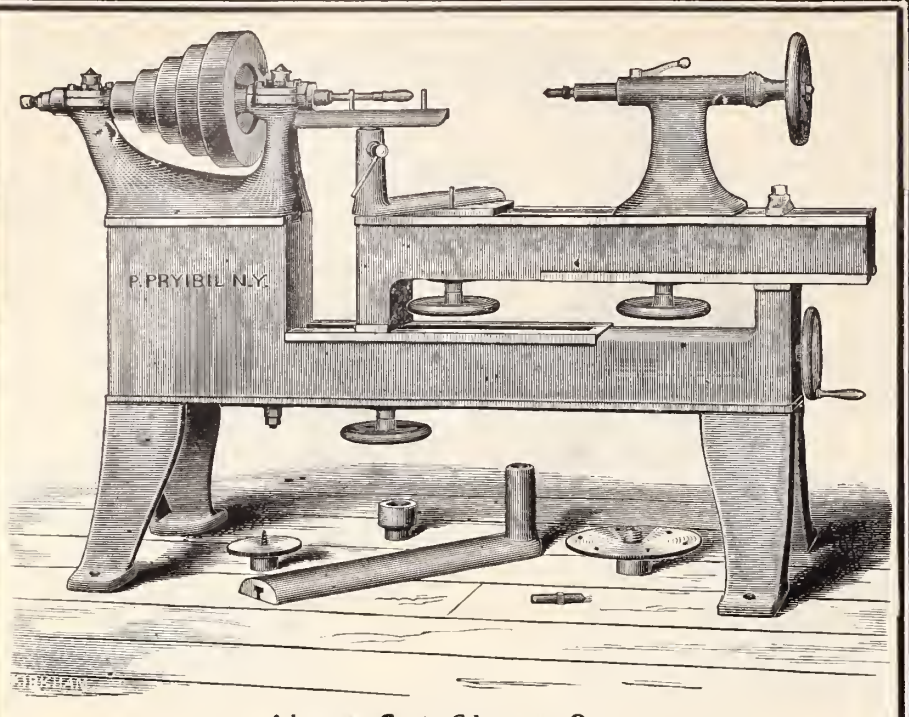
BOLEY BARREL STRETCHER.

A thoroughly well-made and practical tool for stretching the teeth of mainspring barrels, when same are found to be worn and of insufficient depth.

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47 and 49 Maiden Lane NEW YORK



Above Cut Shows Our

EXTENSION SPINNING LATHE.

Swing of lathe 22 inches when closed, 44 inches when extended.

Substantially built for heavy work.

Write for Catalogue

P. PRYIBIL, 512-524 W. 41st St., New York.

MOST COMPACT

AND THINNEST DUST-PROOF

OPEN FACE GOLD CASE

MADE IN THE WORLD FOR AMERICAN MOVEMENTS.

Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

DUBOIS WATCH CASE CO.

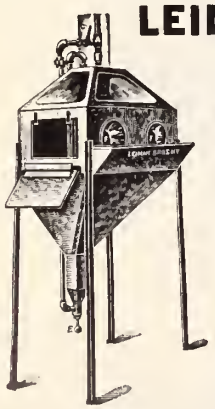
21 Maiden Lane, New York.

LEIMAN'S NEW SAND BLAST.

SIMPLE. EFFECTIVE. ECONOMICAL.

NEW FEATURES—Let us tell you about them.

RESULTS—Let us show you samples of work done.



PATENTED.

Improved High Pressure Blower

NOISELESS. INEXPENSIVE.

Delivers Greater Volume at Higher Pressure Than Any Other Made.



PATENTED.

LEIMAN BROS.,

Jewelers', Silversmiths' and Metal Workers' Machinery, Tools and WORK BENCHES,

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No finer place can be found than the Adirondacks in September.

The air is cool and bracing, the scenery beautiful and the sense of perfect rest that comes with the night is delightful.

This wonderful region is reached from all directions by the

NEW YORK CENTRAL LINES

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225 to 233 Fourth Ave. NEW YORK CITY.

Manufacturers of GOLD PENS, PENCILS, PENHOLDERS, SEGAR CUTTERS, SPECIALTIES, PENCILS SET WITH JEWELS.

Style, quality and workmanship acknowledged the very best.

LEROY W FAIRCHILD. GOLD PENS.

SPEND ONE CENT for a Postal Card
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A school for those with moderate means, with a day and night class, to teach in a thorough and practical manner the art of engraving.

THE POMFRET-GOLDY SCHOOL - 319 Heed Building, Philadelphia, Pa.

Mercantile Fountain Pen

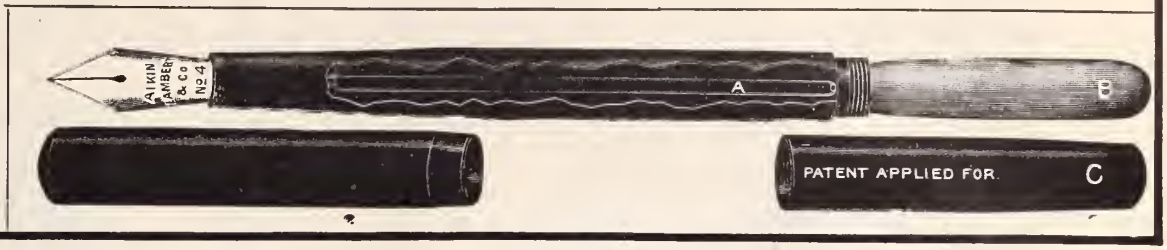
The Best Self-Filling Attachment

made and guaranteed by the

AIKIN-LAMBERT COMPANY, 19 Maiden Lane, NEW YORK.

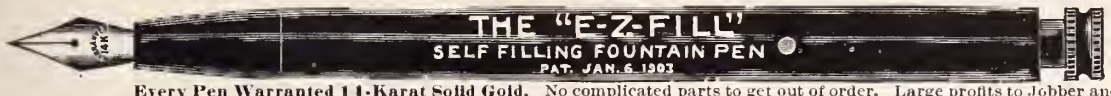
Retail Price:
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Send for Price Lists and Discounts.



THE "E-Z-FILL" SELF-FILLING FOUNTAIN PEN

FILLS INSTANTLY BY TOUCHING SPRING ON SIDE OF BARREL WITH PATENT PUSH PIN.



Other Patents Pending.

Retails at **$1.00**

Every Pen Warranted 14-Karat Solid Gold. No complicated parts to get out of order. Large profits to Jobber and Retailer. The only safe and practical Self-Filling Fountain Pen ever offered at a popular price. Made only by

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Ofttimes fail on account of a lack of facilities. We utilize only the most modern means and guarantee satisfaction.

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Gold and Silver Refiners, Assayers and Sweep Smelters,

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Dealers in Fine Gold, Silver and Copper. — All kinds of Gold and Silver Anodes.

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Sweep Smelters, Assayers and Analytical Chemists

Rolling of FINE AND STERLING SILVER a Specialty.

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Frank Dederick. — *Established 58 Years.* — James E. Dederick.

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Assayers and Bullion Dealers.

All qualities of Gold and Silver, in Plate, Square and Round Wire, Rolled to any gauge.

ALL QUALITIES OF GOLD AND SILVER SOLDER.

16 Maiden Lane, ... NEW YORK.

We buy Old Gold and Silver.

THREE WEEKS' DELAY! YES, BUT MUCH HIGHER RETURNS!

ESTABLISHED IN 1870. **LEES & SANDERS** BIRMINGHAM, ENGLAND.

WE CAN SEND YOU NAMES ON YOUR SIDE — WE ARE NOT MERELY COLLECTORS BUT THE ACTUAL SWEEP SMELTERS — WHO HAVE TRIED US AND ARE SATISFIED



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Old Gold and Silver Filings, Polishings, Sweeps, Hand Washings, etc. We will make accurate valuations and hold consignment subject to your acceptance. If valuation is not satisfactory, we reship to you at *our expense.*

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22 K. 88c. per dwt.		12 K. 48c. per dwt.	
20 K. 80c. "	"	10 K. 40c. "	"
18 K. 72c. "	"	8 K. 32c. "	"
16 K. 64c. "	"	6 K. 24c. "	"
14 K. 56c. "	"	4 K. 16c. "	"

MARKET RATES FOR SILVER AND PLATINUM

WE SELL

Gold, Silver and Platinum, various qualities, rolled flat or drawn to wire of any gage.

PRICES OF ALLOYED GOLD:

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Gold and Silver Solder, either from formulas furnished, or our own. "T. B. H." Alloy, 25c. per oz. Guinea Gold, 75c. per lb. Shot Copper, 40c. per lb. We will send tables for alloying without charge. They save figuring.

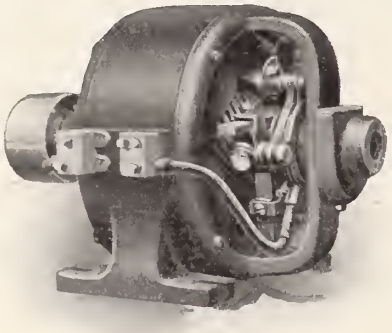
Try us and you will Appreciate our Squareness, Promptness and Accuracy.

T. B. HAGSTOZ, Ltd., Main Office, 709 Sansom St., Philadelphia, Pa.

SMELTERS, ASSAYERS, REFINERS.

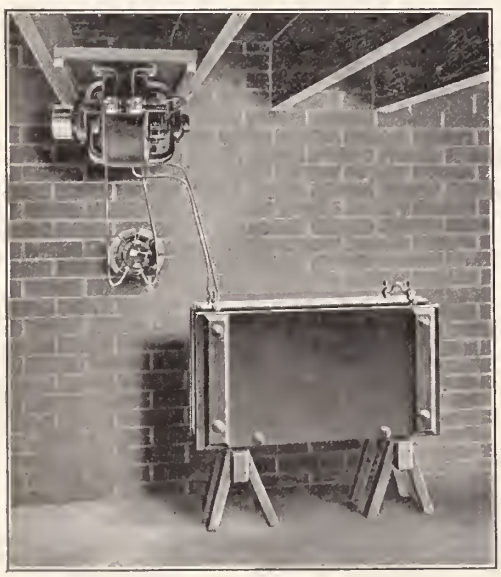
Gilding and Plating Dynamos.

SOMETHING NEW FOR JEWELERS
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FURNISHED IN FOUR SIZES.

Can be used in all operations of Plating, Gilding or Silvering.



Operated in any position; on floor, ceiling or side wall. Latest features, mechanical and electrical.

Adaptability.

Economy of space.

Compound winding of fields.

Generators can be furnished direct connected to Motor, avoiding long lines of belting, effecting economy in power.

We supply everything used in Plating and Polishing.
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THE HANSON & VAN WINKLE CO.

(ESTABLISHED 1820)

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JEWELERS LEAGUE
INCORPORATED NOV. 24 1877

incorporated under the Laws of the State of New York

Twenty-nine years' successful business experience.

Paid to beneficiaries over

$3,134,000.00

Has never broken a promise, or failed in the performance of an obligation assumed.

Rates are adequate and equitable. Payable monthly.

The League offers life insurance in amounts of $1,000 to $5,000 as desired. Age limit of applicants 21 to 44 years. Applicants are not restricted to the Jewelry trade. Send age and address for particulars to

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THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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The Jewelers' Circular
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11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

38th Year. WEDNESDAY, SEPTEMBER 26, 1906. Vol. LIII. No. 8.



The Brighton Gold Cup for 1906.

(*See Text on Page* 48.)

ALVIN SILVER



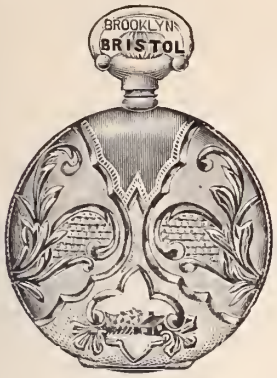
1. January . Wild Rose
2. February . Carnation
3. March . . . . Violet
4. April . Easter Lily
5. May . Lily of the Valley
6. June . . . . . Rose

A NEW departure in spoons: BIRTHDAY SPOONS. A spoon for each month of the year with symbolical flower for each month. Heavy solid patterns with floral handles and plain or gilt bowls.

WRITE FOR PRICE LIST

ALVIN MFG. CO.
Silversmiths :: New York

7. July . . . . . Daisy
8. August . Water Lily
9. Sept. . . . . Poppy
10. Oct. . . . Cosmos
11. Nov. Chrysanthemum
12. Dec. . . . . Holly



GB2749

The "Bristol" Case



B 2818

Comparatively a new case, but a case that met with immediate success on account of its true merit.

It is beyond question the best moderate-priced, 25-year case on the market.

It has a solid-gold, ball-bearing bow. It has a new one-piece pendant, eliminating all solder.

It is made in full line, open face and hunting, screw bezel and back, and screw bezel and solid back.

All new designs, selected with the greatest care.

JOSEPH FAHYS & CO.



G B 2814



B 2615



POINTING OUT the WAY

If you follow that **way**—our **way**—you are assured of fair treatment and honest dealings. You are sure the diamonds are exactly what they are represented to be, at prices the lowest it is possible to sell such stones for.

J. R. WOOD & SONS

DIAMOND CUTTERS

2 Maiden Lane
New York



We respectfully suggest that you

"Get in the Game"

Good business revolves around this ring—a perfectly satisfied customer has the true "ring" about him—he is a valuable asset.

Our rings are the standard for quality and workmanship, yet they are sold at the lowest price possible.

J. R. WOOD & SONS

RING MAKERS

2 Maiden Lane - - - NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

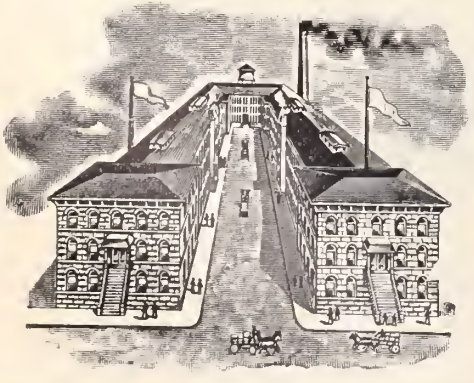
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43	.....	1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57	.....	3005	2.73
18		76	23½	.37	.....	9533	2.97
19	1	00	16½	.34	.....	83	2.14
32		52	49½	.53	.....	213 X	2.83
34		73	34½	.52	.....	733	2.41
46				.58	.....	5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80	.....	1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78	.....	4324	4.00
47		49	79	.80	.....	2726	4.00



S. O. Bigney & Co.

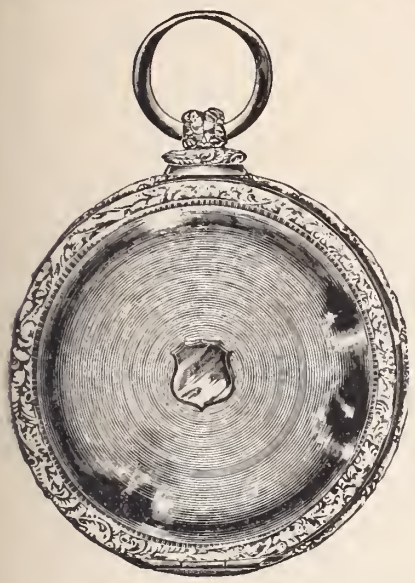
NEW YORK OFFICE,

3 MAIDEN LANE.

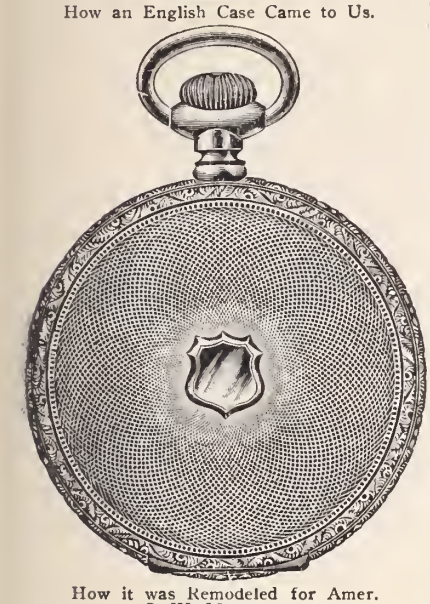
FACTORY, Attleboro, Mass.



Watch Case Makers, Remodelers and Repairers.



How an English Case Came to Us.



How it was Remodeled for Amer. S. W. Movement.

SPECIAL CASES MADE TO ORDER FOR ENGLISH, SWISS AND AMER. MOVEMENTS.

MELTING OLD GOLD CASES AND MAKING OVER INTO NEW CASES (USING SAME GOLD) A SPECIALTY.

ENGLISH CASES CHANGED TO FIT AMERICAN S. W. MOVEMENTS WITHOUT ALTERING OUTSIDE APPEARANCE.

KEY WIND CASES CHANGED TO STEM WIND.

HUNTING CASES CHANGED TO OPEN FACE.

OLD WATCH CASES REPAIRED AND RENEWED.

Wendell & Co.,

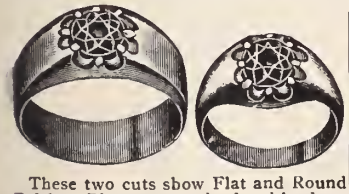
2

WONDERFUL SHOPS:

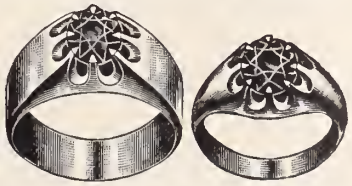
103 & 105 William St., NEW YORK.

57 Washington St., CHICAGO.

New Claws on Diamond Rings.



These two cuts show Flat and Round Belcher Rings as received, with claws badly worn off and too low to permit resetting stones again.



These cuts show the same rings with new high claws, stones securely reset, and entire rings refinished like new.

Price for six new claws, resetting stone and refinishing ring like new .....$1.50 to $3.00, list.

Price for eight new claws, resetting stone and refinishing ring like new .....$2.00 to $4.00, list.

We retip or put new claws on diamond Tiffany, Belcher, Tooth and rings of every description, to cost from $1.50 to $4.00, list, according to the condition of ring and number of claws on setting.

Wendell & Company,

103 and 105 William St., NEW YORK.

57 Washington St., CHICAGO.

For 22 years we have been doing

Gold and Silver Plating.

Sterling and Plated Ware Repairing for the Trade.

Do we do yours?
Our plating rooms are the best equipped in the country for job work.



How It Came In.



How It Went Out.

WE REPAIR

any article in the silverware line; making new parts to match the old ones that have been melted or broken off, the same as new.

WE REPLATE

any metal article in gold, silver, nickel, bronze, brass, oxidized silver, old bronze, statuary bronze, and all antique finishes.

Wendell & Company,

Repairers and Special Manufacturers for the Retail Jewelry Trade

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.



Stone-Setting.

We carry a most complete stock of Precious and Semi-Precious Stones for special work and replacing lost sets. We import them direct from the cutters in Europe, and furnish them to the trade in single stones at dozen and gross prices.

Have your stone-setting done in our shops and save from thirty-five to fifty per cent.

We employ first class setters, and turn out work very promptly.

No job too small to receive our careful attention.

Gold Chains Refilled, Renewed and Repaired.

Old Chains made over into new patterns, using same gold.

GOOD WORK. LOW PRICES. PROMPT ATTENTION.



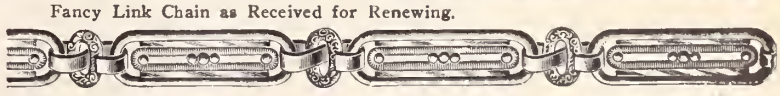
Sample Job as Received.



As Delivered.



Fancy Link Chain as Received for Renewing.



As Delivered.

Wendell & Company,

The Special Manufacturers for the Retail Jewelry Trade.

TWO WONDERFUL SHOPS:

103 and 105 William Street, NEW YORK.

57 Washington Street, CHICAGO.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

"A QUARTER OF A CENTURY."

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

PRICE BASED ON ACTUAL VALUE.

THESE FOUR POINTS mark the course of the WADSWORTH

"PILOT"

25-YEAR CASE

which sells North, South, East and West, true to the compass of trade demand.

To handle this Case is "easy sailing;" not to handle it is to be left behind.

The Wadsworth Watch Case Co.

49 Maiden Lane, NEW YORK.

CHICAGO: Columbus Building.

SAN FRANCISCO: 717 Market St.

FACTORY, DAYTON, KY.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

NEW DECORATIONS IN ATTRACTIVE MODELS.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

BEST SATISFIES THE POPULAR DEMAND.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.



No. 79

Hunting and Open Face

17 jewel, adjusted to temperature; patent regulator; Breguet hair-spring; handsomely damaskeened; thoroughly well finished throughout.

The best watch ever manufactured for anywhere near the price. Guaranteed a reliable timepiece.

ILLINOIS WATCH COMPANY

SPRINGFIELD





Showing Bracelet Closed
Patented, June 26, 1906

DIRECTIONS

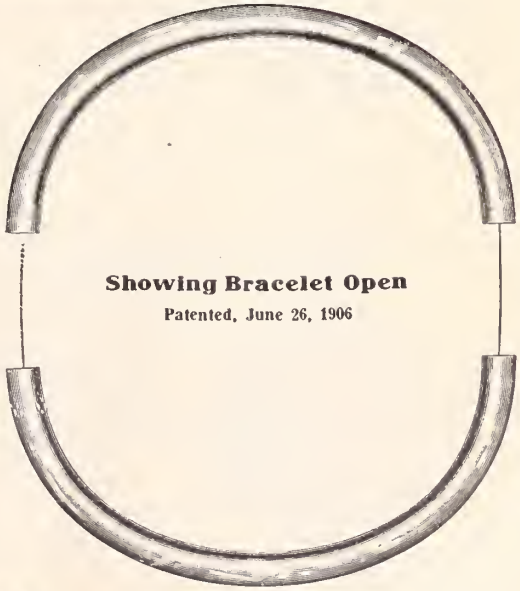
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open
Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.
Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden



**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.







Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaran eed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

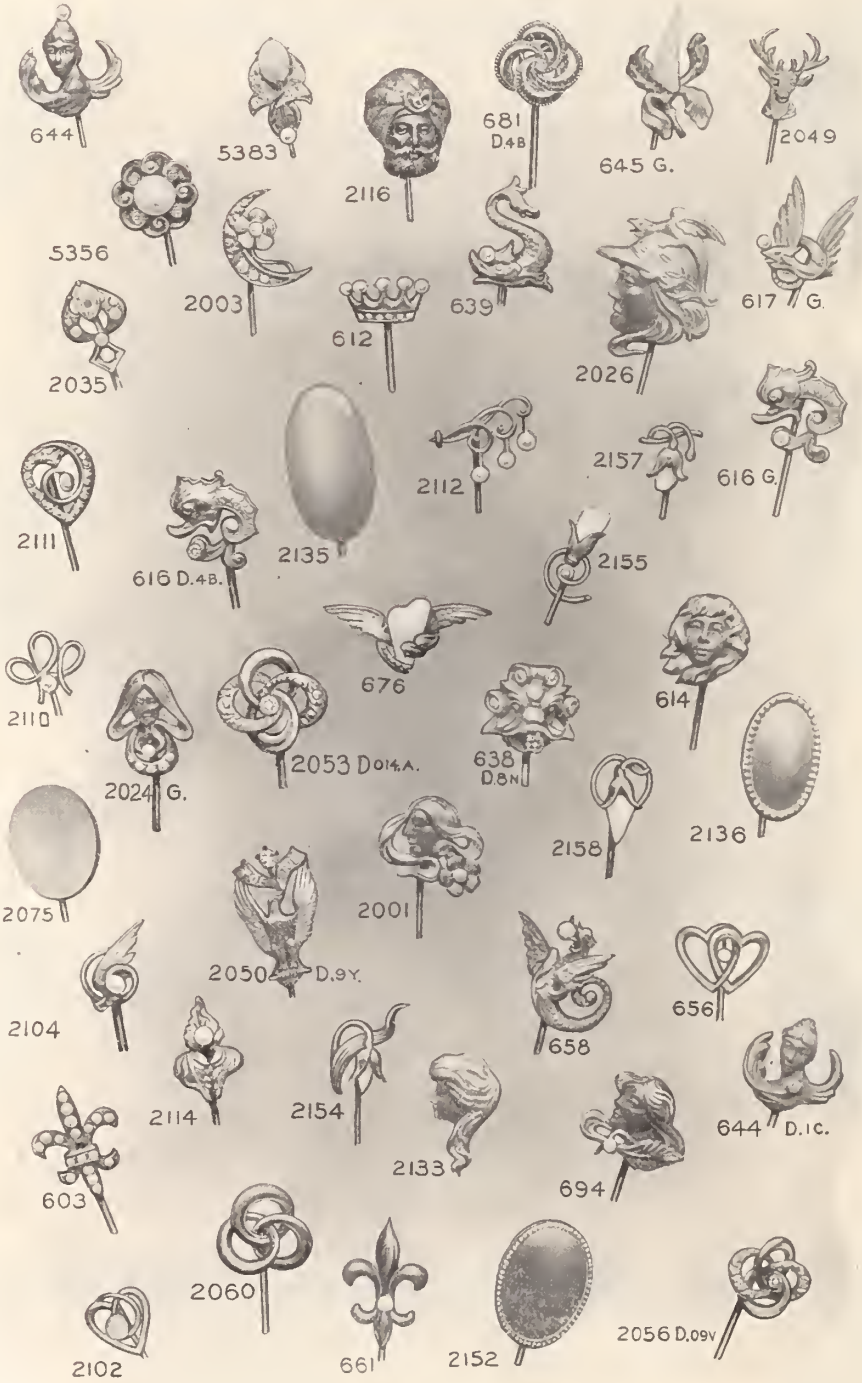
Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

A 10 K. Line that is 10 K.

Fine Gold Jewelry, Rings, Brooches, Cuff Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains Crosses, Lorgnette Chains, etc.



We make the largest, most varied line of CUFF BUTTONS shown to the retail trade, also LOCKETS, SCARF PINS, RINGS, BROOCHES, CROSSES, FOBS, NECK CHAINS, LORGNETTE CHAINS, etc., etc.

We ESPECIALLY invite your inspection of the WORKMANSHIP and design, as compared with those shown by other manufacturers.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

"We never follow the Fashion, the Fashions Follow Us"

Maurice L. Powers. *Josh W. Mayer.*

Always Printed in Red.

OUR WEEKLY ADVERTISEMENTS WILL BE DISCONTINUED AFTER THIS ISSUE UNTIL OUR NEXT EXHIBITION ANNOUNCEMENTS.

DO NOT FORGET

our stocks are now on the road—don't fail to see them when our representatives call. They contain the largest and most complete assortment of the latest style Diamond Jewelry in this Country.

Always remember that our artists are at your disposal to create beautiful designs for remounting of jewels. Our stock of loose stones is large and complete, so that any order you may send in will be carefully and quickly executed. Prices the lowest—just compare.

POWERS & MAYER,

Makers of Diamond Mounted Jewels "THAT SELL,"

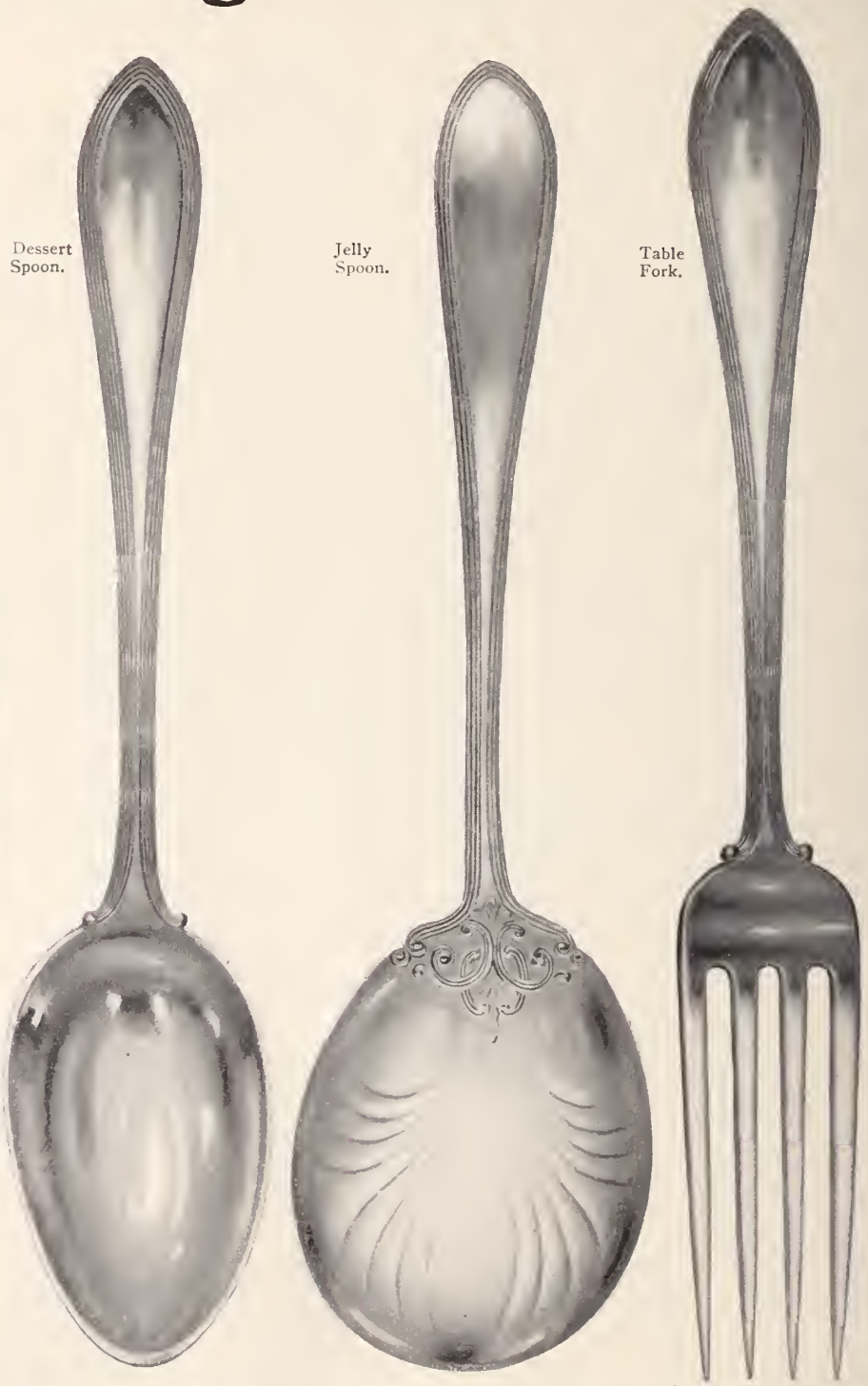
258 and 260 Fifth Avenue,
NEW YORK.

WE ARE ALWAYS PLEASED TO SHIP GOODS ON MEMORANDUM.
In order to facilitate QUICK SHIPMENTS, kindly furnish references.

N. B. Our New Diamond Calculating Table will be forwarded "on request."



"Pilgrim" Pattern



In announcing the "PILGRIM" pattern, we feel assured that this, our latest production, establishes an extremely high standard in the manufacture of Flatware. This pattern is characterized by *simple elegance, refinement,* and *dignity* of design and the grateful absence of over-ornamentation.

Made in all the fancy pieces.

FRANK W. SMITH CO. Manufacturer of Sterling Silverware GARDNER, MASS.



No. 1240.—EPERGNE.

TRADE MARK

STERLING.

WHITING MFG. CO., SILVERSMITHS

Broadway and 19th Street, New York

The Manhattan

OUR LATEST PATTERN



Gold and Silver artistically and harmoniously combined.

Full line of all Toilet, Manicure and Desk articles in either finish.

A Distinctly New Departure in Toilet Ware

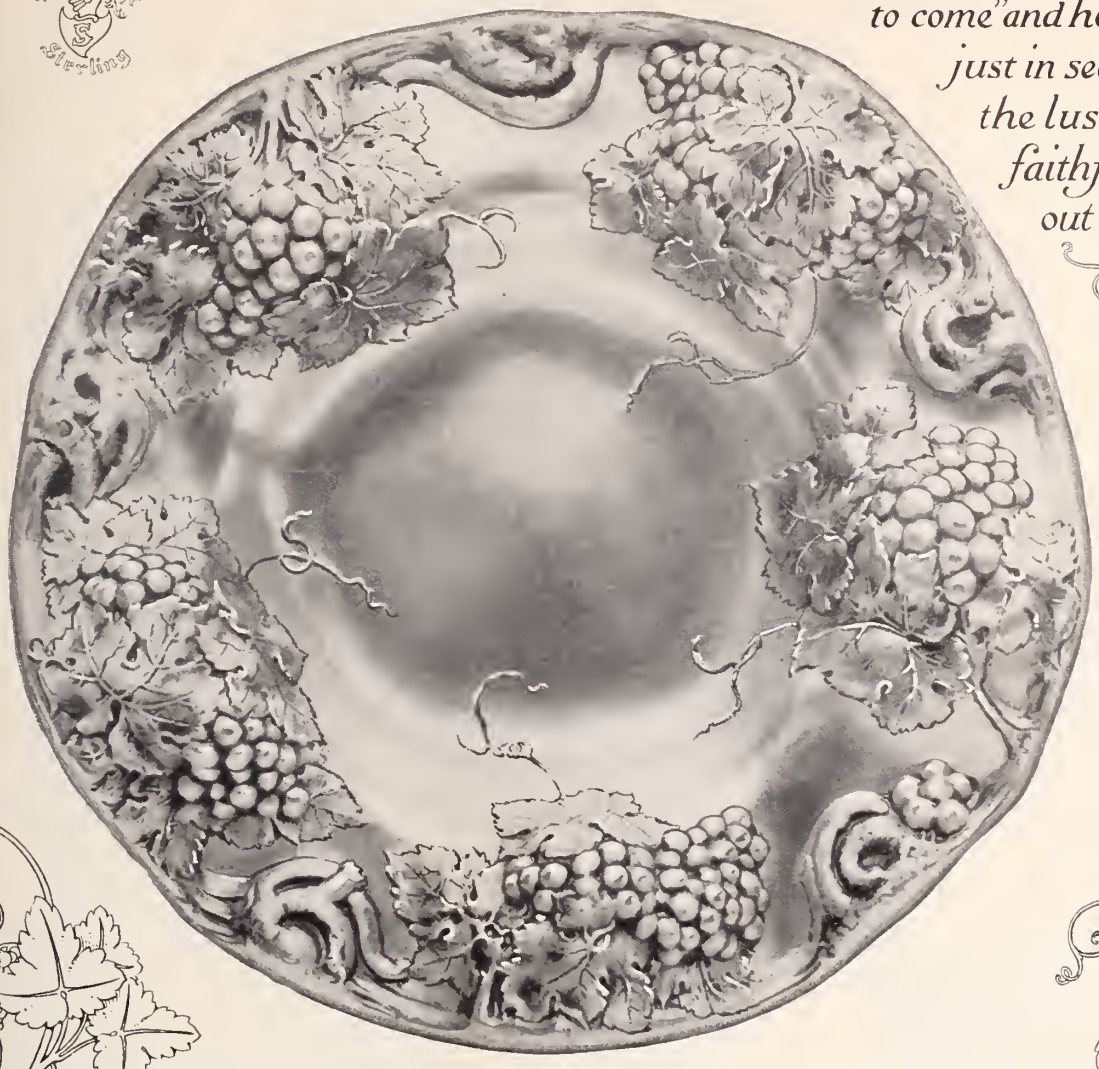
Consisting of gold inlaid upon sterling silver. The bright gold chasing standing out upon the polished silver produces a most striking and withal attractive and beautiful result that is bound to appeal most insistently to all. The gold being inlaid will not wear off. Also made in gray finish and polished center.

Woodside Sterling Co.

Silversmiths

192 Broadway, New York

We told you there were "more Dishes to come" and here is one, just in season to hold the luscious fruit so faithfully wrought out in the design.



No. C.3037 Dish Embossed, Empire Finish
Diameter 10¾ inches

No. C.3038 Same Design, *Diameter 9 inches*

Made by

Simpson, Hall, Miller & Co.

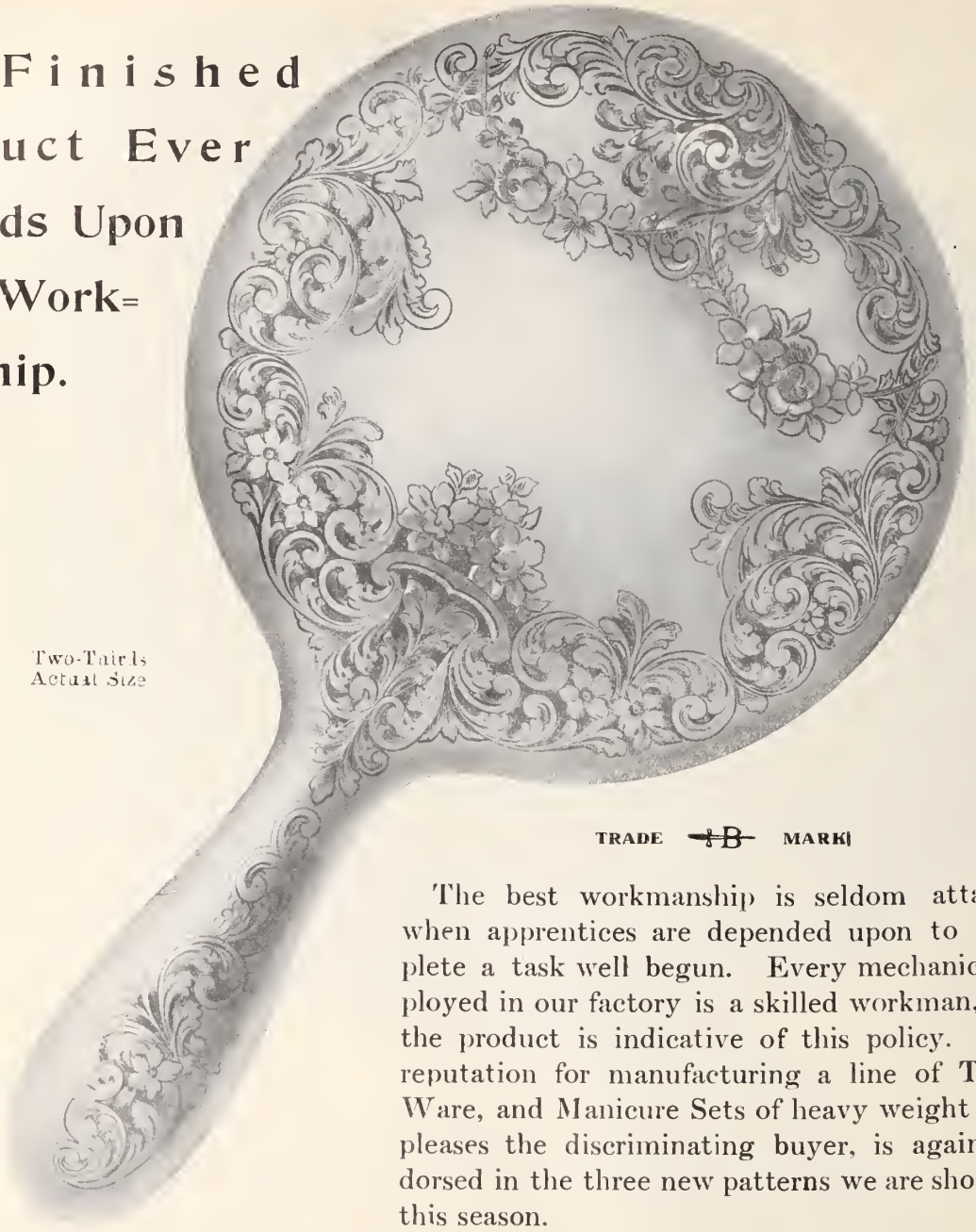
International Silver Co. Successor.

Wallingford, Conn., U.S.A.

New York, Chicago, San Francisco, Toronto.

SILVERSMITHS *to the* AMERICAN PEOPLE

The Finished Product Ever Depends Upon Good Workmanship.



Two-Thirds Actual Size

TRADE B MARK

The best workmanship is seldom attained when apprentices are depended upon to complete a task well begun. Every mechanic employed in our factory is a skilled workman, and the product is indicative of this policy. Our reputation for manufacturing a line of Toilet Ware, and Manicure Sets of heavy weight that pleases the discriminating buyer, is again endorsed in the three new patterns we are showing this season.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases *Baskets* *Shirred Wrist Bags*

Photo Frames *Jewel Cases* *Sterling Novelties*

Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

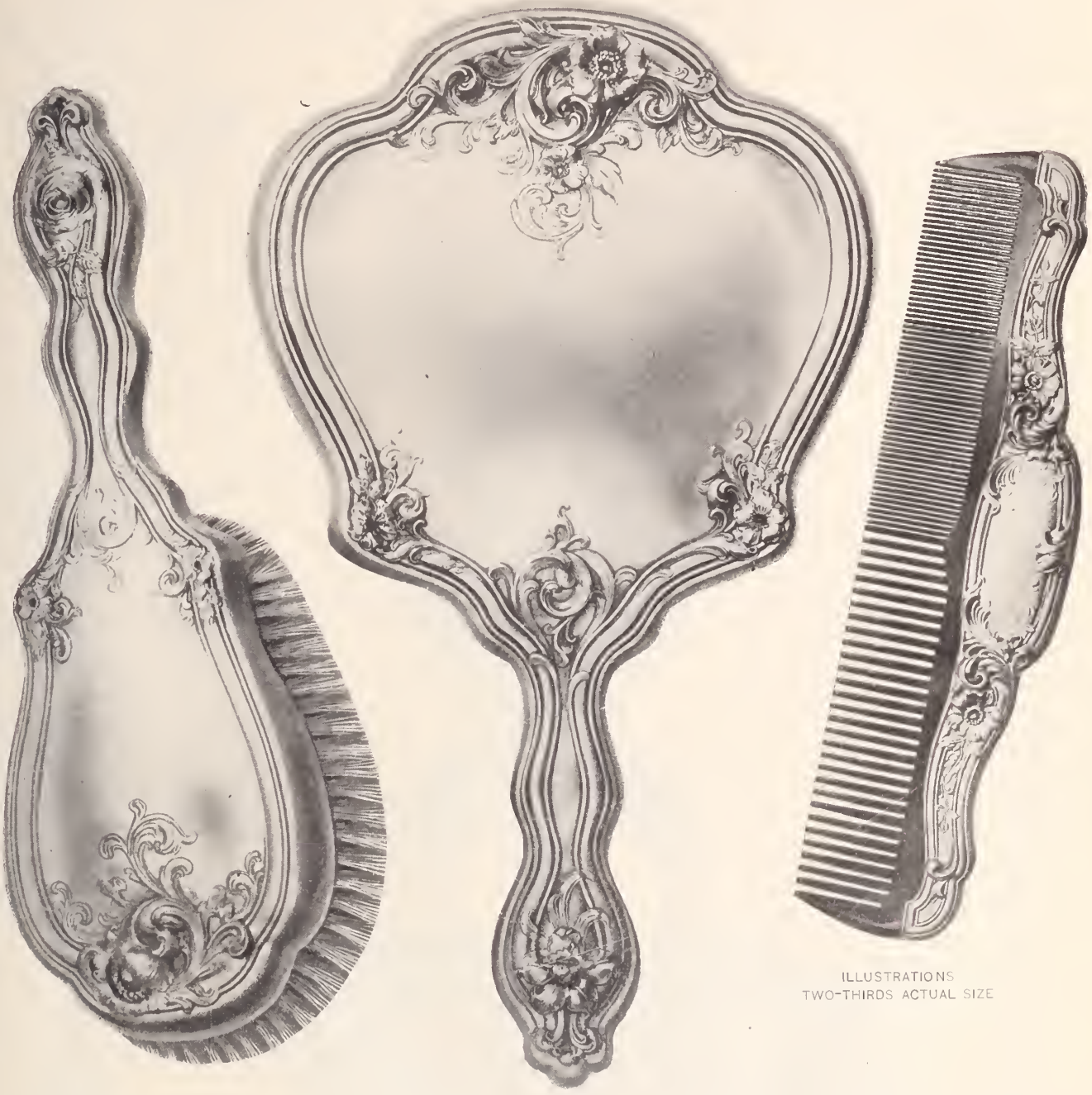
R. BLACKINTON & CO.

ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

FACTORY, NORTH ATTLEBORO, MASS.

The VIRGINIA



ILLUSTRATIONS
TWO-THIRDS ACTUAL SIZE

Our latest and richest production in Sterling Silver Toilet and Manicure Goods; made in heavy silver. Brushes fitted with the best English bristles.

READY FOR IMMEDIATE DELIVERY.

FRANK M. WHITING & CO.

New York Office, 41 Union Square NO. ATTLEBORO, MASS.

Manning, Bowman & Company

NEW YORK **MERIDEN, CONN.** **CHICAGO**

FOR OVER FORTY YEARS MAKERS OF
THE HIGHEST GRADE OF WARES IN

NICKEL AND SILVER PLATE

THE BEST,
LATEST AND MOST
COMPLETE LINE
ON THE MARKET

"Ivory" Enameled Food Pan
Patented May 23, 1899



The Greatest Improvement Ever Made in a Chafing Dish.

Pure, clean, durable. It is so constructed that food can only come in contact with the Ivory Enameled Dish. The top rim being plated, the complete Chafing Dish has the same appearance as when made entirely of metal.

THE RIGHT WAY TO MAKE COFFEE

In making coffee, there is only one way to secure the full flavor, and that is by using a **Meteor** Circulating Coffee percolator. With it you are always assured the most delicious coffee possible and in a remarkably short time. In boiling coffee, you develop its harmful properties and right here is the secret of the "Meteor."



No. 2393. METEOR PERCOLATOR SET (4 pieces).
Made in over 100 styles and Sizes, including Coffee Pot Style, for use on the Range.

"METEOR" CIRCULATING Coffee Percolator

The coffee is never boiled. The grounds never enter the reservoir containing the pure filtered coffee (see illustration). Not only does the "Meteor" produce the purest and most healthful coffee, but it actually

SAVES ONE-THIRD in the amount of Coffee Used.

Equally desirable for Tea.

CHAFING DISHES
with Patent
Seamless IVORY Enameled Food Pan.

Copper,
Nickel Plated,
Silver Plated.

PRIZE TROPHIES.
English Pewter, also Solid Copper
with English Pewter Mountings.

TEA WARE, TABLE KETTLES, HOTEL WARE, BAKING DISHES, ETC.

New Catalogue No. 49 J. will be sent on request.



THE CLOETA.

Into Larger Quarters

The fact that we have been forced, within the last few months, to move one of our Sterling Silver factories into larger quarters indicates, in some degree, the steadily growing demand for our productions.

The dealer who has not inspected our line of

STERLING SILVER

AND RICH

AMERICAN CUT GLASS

has done himself an injustice. While in New York accept our invitation to make your headquarters with us, whether you buy or not.



THE FRONTENAC.



THE ABBOTSFORD.

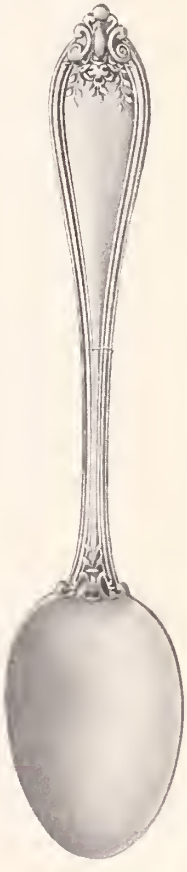
FACTORIES:

THE MERIDEN CUT GLASS CO.
THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
MERIDEN BRITANNIA CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.
SIMPSON, HALL, MILLER & CO.
THE WATROUS MFG. CO.

International Silver Company

WAREROOMS:

9-11-13-15 Maiden Lane, New York



THE FLORENCE.



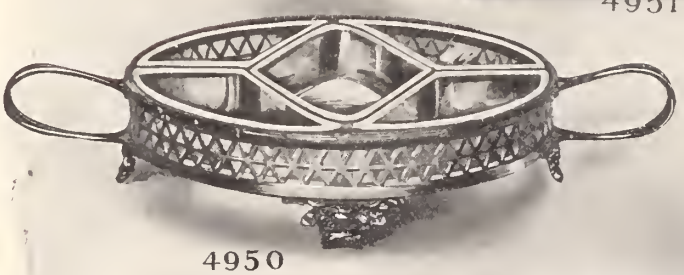
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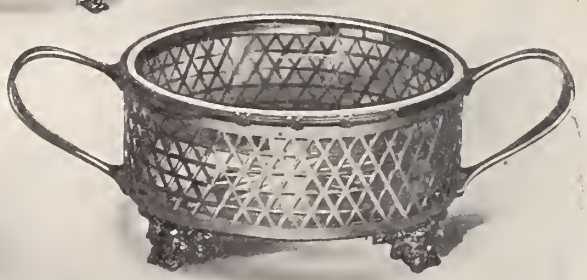
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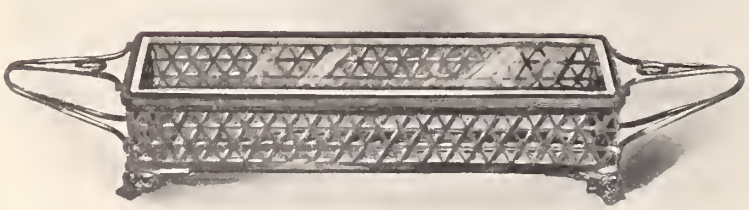
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4379



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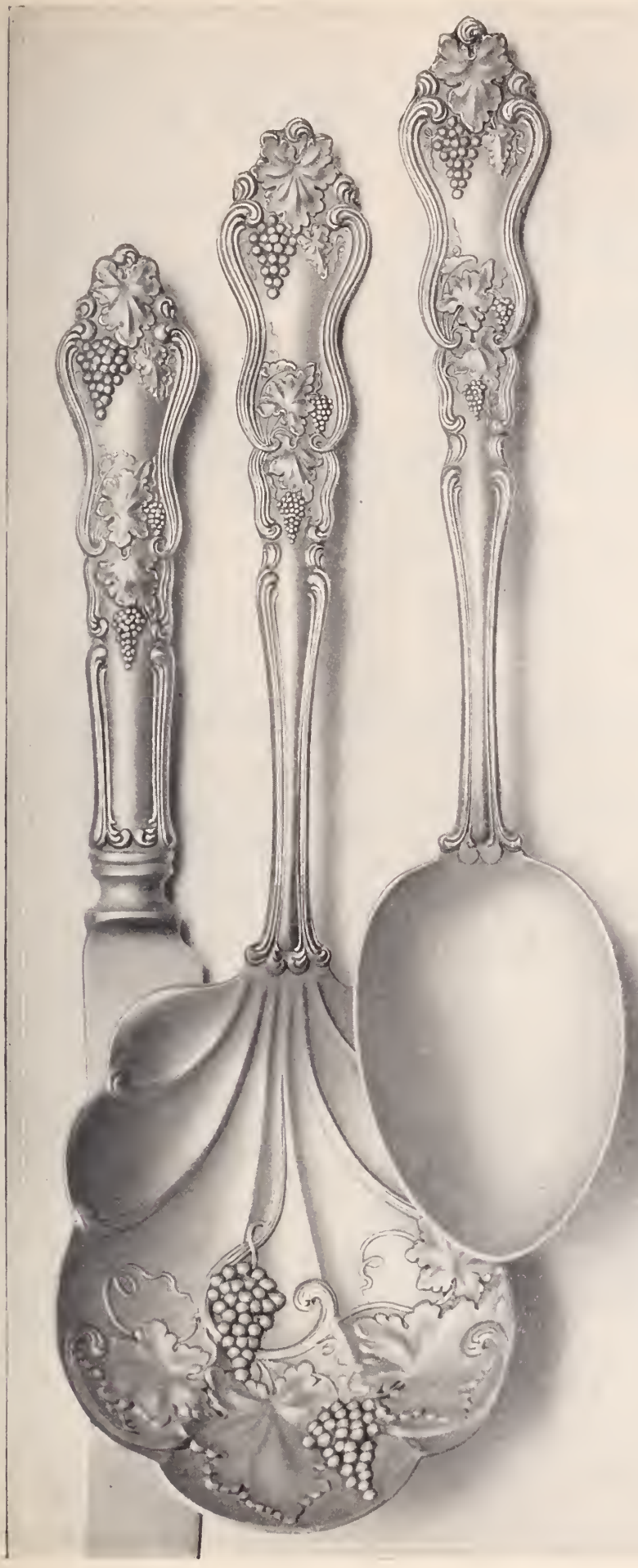


4958

Our new line of Dishes with cut-glass linings, illustrated above, is now ready for delivery: Relishes, Celeries, Cheese Holders, Sardines, Olives, Casseroles, Ramequins, Bon Bons, Fruit and Salad Bowls, and Flower Centres. :: The first samples shown by the trade have resulted in many orders, and any dealer wishing to show the newest ideas in silver plate will do well to send for at least a sample line.

MERIDEN SILVER PLATE CO. - - - MERIDEN, CONN.

(International Silver Company, Successor.)



WORLD BRAND SILVER

THE manufacturers of World Brand Silver take pleasure in submitting for your inspection a reproduction of their new design which will be known as the "Moselle" pattern. ¶ Into the creation of these beautiful pieces of "silver art" we have put the work and study of many months. The result, we feel, is worthy of the reputation for quality, which World Brand Silver has always held.

Let us send you our trade catalogue, illustrating and pricing our entire line.

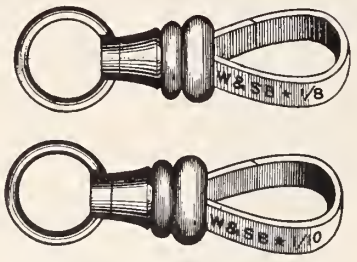
American Silver Company

Factory: BRISTOL, CONN.

New York
46 West Broadway

Chicago
Silversmiths Bldg.

W. & S. B. ★ QUALITY



There are two qualities of W. & S. B. ★ Chains:

Old Reliable, 1-10
Globe Filled, 1-8

Not sold to Department Stores or Retail Mail Order Houses

There is no deviation from the adopted standards. There never has been and never will be any reduction in the quality of W. & S. B.★ Chains.

Although the cost of labor and the prices of materials have increased steadily, there has been neither increase in prices nor reduction in quality of W. & S. B. ★ Chains.

W. & S. B. ★ Chains are guaranteed to wear to the satisfaction of the owner.

Every Retail Jeweler gets a premium who buys 40 or more W. & S. B. ★ Chains before January 1st, 1907.

W. & S. BLACKINTON CO.

MANUFACTURERS

New York, 14 Maiden Lane. **Factory, North Attleboro, Mass.**


1542


1524

FADZ and FANCEEZ


1521


1517

Theer iz alwaz somthing nu. Just now it iz the nu form of Speling. Most of theez nu things ar merely fadz, otherz fanceez, that soon fal from grace and ar lost to styl.


1519

¶ Crosses and LaVallieres were new a few years past and were all the style at that time. Like other fads, they are buried under the weight of staples.


1522

¶ Lockets always were and always will be worn in good taste. We make a full line of heart-shape and round, in plain and fancy. You will find our plain lockets exceptionally ***cheap, our fancies exceedingly attractive.***


1508

¶ Owing to the greatly increased demand for plain lockets, we would appreciate early orders from customers desiring same this fall.


1520

Lockets, Buttons, Brooches, Scarf Pins, Tie Clasps, Heart Charms, Fobs, Knives, Cigar Cutters, Match Boxes, Bracelets

10-K that is 10-K


1528

ROBT. LEVY

Manufacturing Jeweler

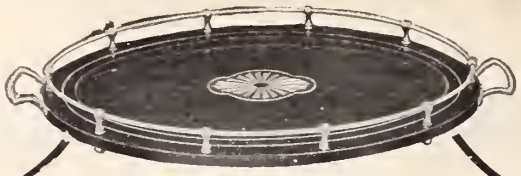
Green and Columbia Sts. NEWARK, N. J.

ILLUSTRATIONS EXACT SIZE


1507


1534


1529



A Refined Afternoon Tea-Service

is incomplete without the Sternau Tray. It has become a recognized addition, and grown to be almost a necessity in many homes for the chafing dish outfit and when serving chocolate.

The Sternau Tray is most appropriate for the display of artistic pieces of silver or cut glass.

Our Catalogue No. 21, containing our full line of salable specialties, sent upon request.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Fancy Teakettles, Coffee Machines, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets

The Wave Towards Jet

Opportunity for the Jewelers

IF THE TRADE has somewhat neglected Jet in past seasons, this attitude is necessarily being abandoned now under the pressure of present demand. This demand, coupled with the profits it affords the dealer, fully warrants you in carrying the full line. The finest artificial Jet, as here exemplified, is in all respects superior to the old-time natural product, now practically extinct. It is more lustrous, while less expensive.

JET BRACELETS
JET NECKLACES
JET COMBS
JET BARRETTES

D. Lisner & Co.

Creating Importers of

Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



No. ZN104—Hand carved Pearl in Marguerite design with sterling stem etched to match.

THE LARGEST UMBRELLA MAKERS IN THE WORLD

Follmer, Clogg & Co.

395, 397, 399 BROADWAY, NEW YORK.
1031 Chestnut St., Philadelphia, Pa.
330 Hays St., San Francisco, Cal.
Factory: Lancaster, Pa.

Fine Umbrellas and Handles

Including all the latest foreign novelties especially selected for the jewelry trade. See our immense assortment of distinctive creations for Fall trade.

Our Supply Department
has unsurpassed facilities for furnishing Handles, Bands, Tips, Covers, Name Plates, etc.
Catalogue on request.



No. ZL133.
All Silver Handle, handsomely etched in Rococo design.

Consult Our Salesmen

about our general line of jewelry, and bear in mind that we are headquarters for Elk and Eagle goods. Our goods are all stamped with the following trade-mark



which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely up to standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE, 12-14 JOHN ST.
CHICAGO OFFICE, 103 STATE ST.
FACTORY, NEWARK, N. J.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

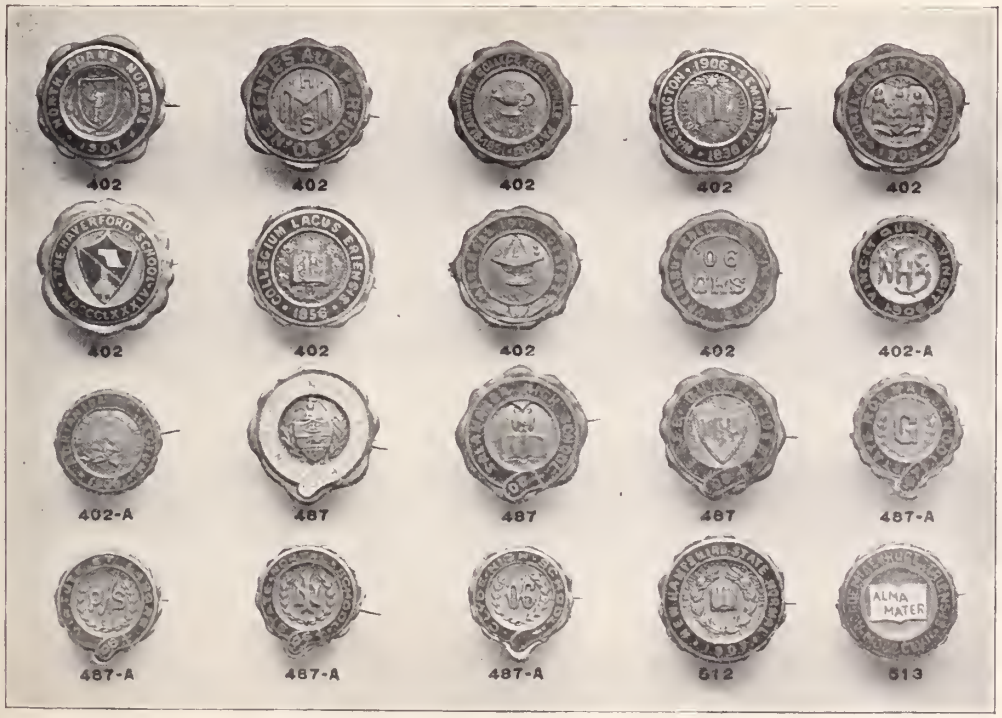
Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

Jewelers! School Seals are Popular.



Seals are very popular, and we show here only a few of the many made for the different schools last year.

For a State School or University no pin would be more appropriate than one with the Coat of Arms of the State in the center. If the school has no official seal, let us make a pin for you showing the characteristics of this design. If you do not care to have pin made in either of these ways, substitute the year and class initials and have the class motto in the circle.

We make seals in two sizes and three different ways, as you will see by the illustrations. Advise us regarding your wishes, stating quality and quantity desired, and we will be pleased to have prepared a colored sketch embodying your ideas, and forward with prices.

Send for our new catalog of Flag and Class pins. You can make more money handling Bastian's than any other. Special designs and estimates free of charge.

BASTIAN BROS., N. 21 South Avenue, Rochester, N. Y.

ROCKFORD SILVER PLATE COMPANY

ROCKFORD, ILL.

Only Retail Jewelers Can Buy It

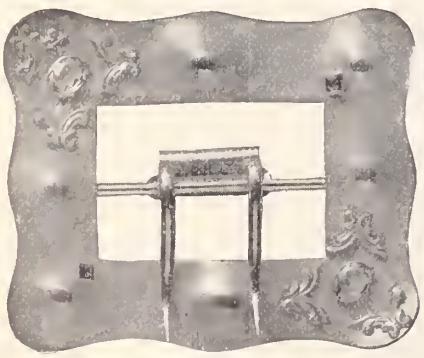


Rockford Silver Plate Co. Made It

Watchword of the Craft—"Stand By Those Who Stand By You"

No Matter How Large Your Jewelry Trade Is You Can Increase It by Using Our Assortments of

BUCKLES COMBS BRACELETS







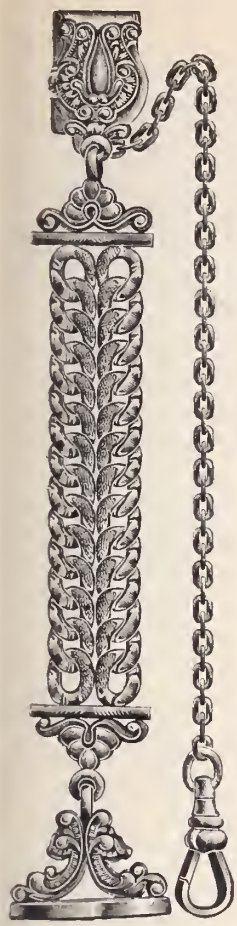
These assortments are made up from the latest and best selling designs in our line, which contains thousands of patterns. It costs you nothing to see them, as we send them by prepaid express. If on examination you are not satisfied you may return them at *our* expense. Just drop us a line stating which assortment you would like to see and we will forward it at once. The goods will convince you that we do not claim too much for them. Hundreds of merchants have taken advantage of this offer and the many reorders prove that it is very satisfactory to them. We want you to try one of these assortments. The results will show you that you cannot afford to be without our goods.



C. H. Eden Company, ATTLEBORO, MASS.

New York Office: 699 Broadway

ADDRESS ALL CORRESPONDENCE TO THE HOME OFFICE AT ATTLEBORO, MASS.



IN ADDITION to our HIGH GRADE LINE of Fobs, Gents' Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets, Chatelaines and

BRACELETS

we now put on the market a fine line of

Eye Glass Chains

Made from 14 Kt. 1-10 Seamless Wire, Gold Soldered and Warranted.

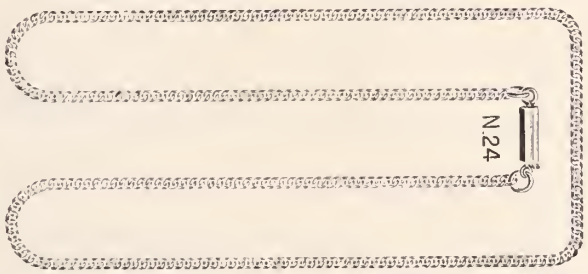


BATES & BACON

ATTLEBORO, MASS.

New York:
9 Maiden Lane

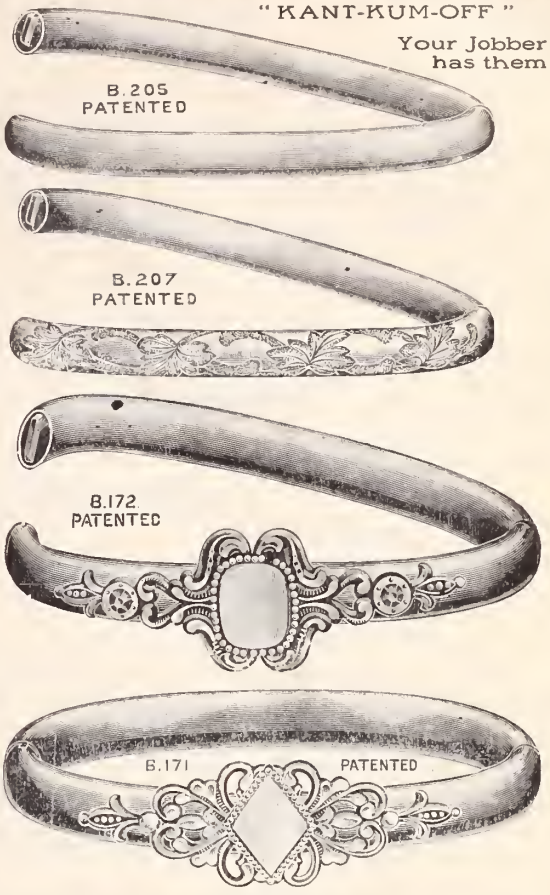
Chicago:
103 State Street



The BATES BRACELETS

"KANT-KUM-OFF"

Your Jobber has them





FACTORY OF WHITING & DAVIS, THE HOME OF

BAGS AND BRACELETS

OUR LINES OFFER AN UNEXCELLED RANGE TO SELECT FROM

New York Office,
7 Maiden Line.

WHITING & DAVIS,

PLAINVILLE, MASS.

Special Designs in Signet Rings.

EXPERIENTIA DOCET

ONE OF THE MOST interesting features of our Ring Department is the large class of Special Signet Rings. Rings appropriate to professions and callings, to fraternal orders, societies and colleges, bishops' rings and other official seals.

PRICES: $3.00 to $400.00.

EXPERIENTIA DOCET

Durand & Company, 49-51 Franklin Street, Newark, N. J.



TRADE 14 MARK

OSMUN-PARKER MFG. CO.

MAKERS OF

Fine Pearl and Diamond Goods

338 Mulberry Street

NEWARK, N. J.



Fancy Designs in *Jewelry* OF ALL KINDS.

Collarettes, Brooches, Scarf Pins, Buttons, Necklaces, Hatpins, Etc.

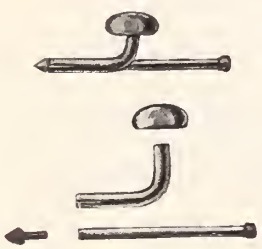
A. J. Hedges & Co.,

Makers of Exclusive Designs in 14K. Jewelry,

14 K TRADE-MARK

14 John Street, New York.

Established 1871 FACTORY AND OFFICE, NEWARK, N. J. Incorporated 1900



Patented May 21st, 1901

THE "APEX" STUD

The only stud adaptable to any kind of shirt buttonhole or eyelet and having no coiled spring to get out of order.

CARRINGTON & CO.

Sales Agent

14 7 MAIDEN LANE NEW YORK 18

Unique Silver Deposit WHISKEY JUG



7 Inches High.

Just one piece from one of the best selling and most attractive lines in town.

Depasse Mfg. Co.,

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No. 1638.—Sterling hand-pierced bag, all soldered ring mesh, and workmanship unexcelled. Size 5¾ in. by 4 in.

Sterling Hand Bag

No. 1638. Hand Made.

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Our Bags and Chains are handled by the most exacting Jewelers. A sample order will show you the reason. Our prices are "right."

SPECIALTIES:

Plain, Engraved, Etched and Hand-Made throughout Sterling Silver Hand Bags.

(Tel. 1038 J, Newark.)

ROBERT DULK,

DESIGNER,

Etching in Gold and Silver,

Telephone, 3960 Chelsea.

No. 70 5th Avenue, NEW YORK

ELKS



Our
Copyrighted
Elk Head
Best in the World.

B. P. O. E.
In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD
Brooches, Lockets, Links
Bracelets, Scarfs
And Everything Else in Gold Goods

CHAS. L TROUT & CO.
15 Maiden Lane, New York City



LA MATCHICHE Dog Collars and Chains
Are our Latest Novelty—Can be had in Various Colors
SEND FOR SELECTION
LEWY & COHEN, - - 530 Broadway, New York
Importers of Fans, Chains, Necklaces, Brooches, Combs, etc.

PLATEAUX and TRAYS
OUR SPECIALTY
Sizes, 6 to 20 Inches
Gold, Silver, Nickel
J. E. ROHRBECK
40 FULTON STREET, NEW YORK

ESTABLISHED 1841

Carter, Howe & Co.

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MANUFACTURERS OF

Gold Jewelry,

9, 11, 13 MAIDEN LANE, - NEW YORK

FACTORY, NEWARK, N. J.

A. CARTER G. R. HOWE W. T. CARTER W. T. GOUGH

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LUTHY & HINE,

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Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City

The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

Selection Packages sent to Responsible Jewelers.

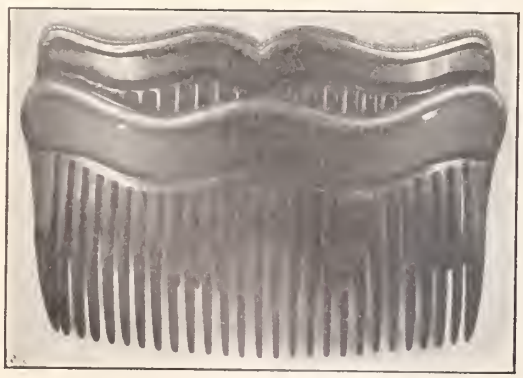
Wagner Manufacturing Co.

41 Union Square,

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Repair Work a Specialty.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.



COMBS

in Fall creations. Characteristic of superiority and originality in design and workmanship.

Our Fall lines in gold and high quality gold filled combs are noteworthy for their rapid selling qualities.

SELECTION PACKAGES SENT TO RESPONSIBLE DEALERS

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New York Office, 9 Maiden Lane



SOLID GOLD CHAINS EXCLUSIVELY

The best workmanship, plump quality, most attractive designs and very lowest prices are characteristic of our

SOLID GOLD CHAINS

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For 56 years exacting Jewelers have found our Chains ready sellers, very profitable to handle and most durable in service.

We have no salesmen, and our prices are therefore very low. We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane

New York

BRACELETS

In addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets

Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,

82-84 Nassau St., New York.

Established 1876. 'Phone, 801 John.



The R. S. Cigar Cutter

In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters ; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

23 B Maiden Lane, New York



ARTISTIC BRACELET CREATIONS.

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

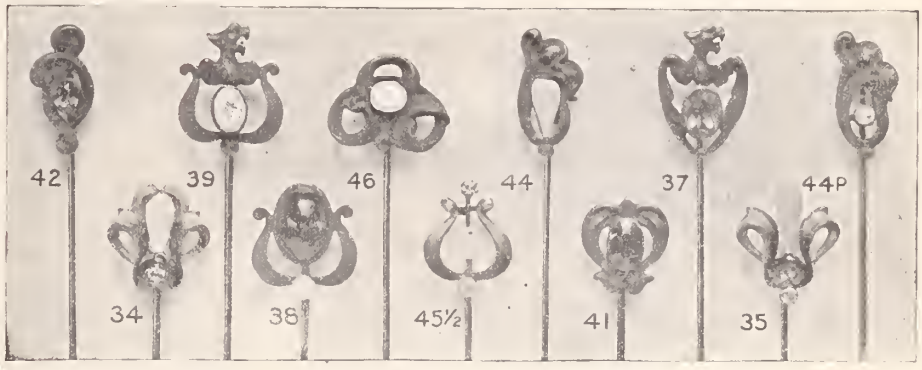
BEAUTY'S VALUE is wrought into these Bracelets; the element of beauty is an appreciable asset in all jewelry.

Our Bracelet creations possess a certain tone of distinction which you will recognize at a glance. New in conception and artistic treatment. Compelling in their impressiveness.

Special attention is invited to our Fancy Applied Trim. Distinctive to a marked degree.

Bracelets set with Diamonds, Sapphires, Peridots, Jade, etc.

Fine examples in Vermicilli and Colonial Engraved effects.



CUFF BUTTONS, BROOCH PINS, LOCKETS, SCARF PINS, BRACELETS.

COOPER & FORMAN,

MAKERS OF DIAMOND JEWELRY,

OFFICE AND FACTORY, 3 MAIDEN LANE, NEW YORK.

"THE BRACELET HOUSE."

KENT & WOODLAND,

BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office,
Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK, 3 MAIDEN LANE.

CHICAGO, 42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

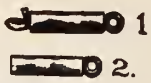


DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing; therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York



1. Snap complete.
2. Outside of Snap.
3. Inside of Snap.

The E. P. H. Patent

NON-PULL-OUT Neck Chain Snap

is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

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Swartchild & Co.,	Chicago
Nordman Brothers,	San Francisco
Leonard Krower,	New Orleans
A. Walker Co.,	Providence, R. I.
Bauman-Massa Jewelry Co.,	St. Louis

PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz. net

THE CROHN PATENT SAFETY GUARD.



For Scarf Pins Studs and Lace Pins. The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c., in 10k. gold, $1.00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

Trade-Marks of the Jewelry and Kindred Trades.

Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

ALLSOPP & ALLSOPP'S "ORIGINAL LINE"

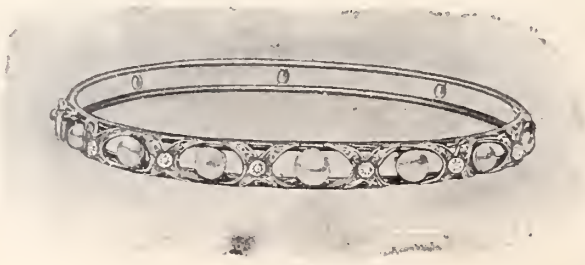
OF

BRACELETS AND BANGLES

Mounted in Combinations of

DIAMOND AND PEARL
DIAMOND AND SAPPHIRE
DIAMOND AND EMERALDS
DIAMOND AND BAROQUES

AMETHYSTS
TOPAZES
PERIDOTS
AQUAMARINES
ETC.



A & D TRADE-MARK.

Factory and Main Office: NEWARK, N. J.

Branch Office: Los Angeles, Cal.

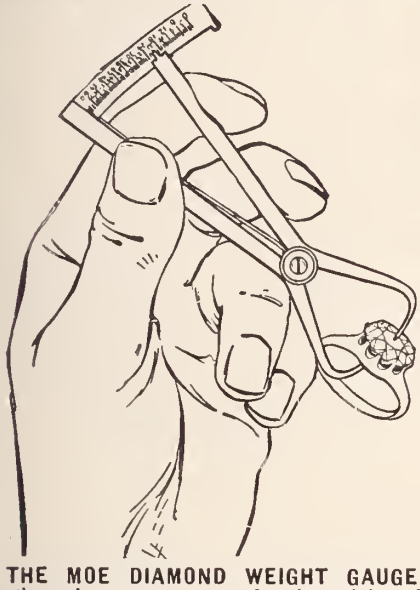
The "Bryant" Rings.

WE have made the **Bryant Rings** for 50 years, and know how to make first class goods. The stone setting—which every retailer knows is a very important part of the work—we give special attention to. The **Bryant Rings** will help your reputation as a first class Jeweler.

TRADE-MARK.

M. B. BRYANT & CO., No. 7 MAIDEN LANE, NEW YORK.

GUESSING HAS CEASED TO BE A VIRTUE.



THE MOE DIAMOND WEIGHT GAUGE
is the only correct system for determining the weight of mounted diamonds.
INDORSED BY THE LEADING JEWELERS.
Those who are not familiar with the device, kindly send for descriptive booklet.

Charles Moe, Inventor, 80 Adams St., CHICAGO, U. S. A.
Price for Instrument and Book, **$3.75** prepaid.
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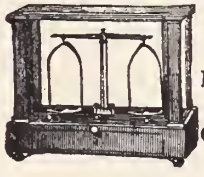
·We Make the Largest Line of Solid Gold Set Rings in America for the Retail Trade·

Stone Seal Rings
Signet Rings

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Established in New York 1837.

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HERMAN KOHLBUSCH, Sr.,
ESTABLISHED 1859.
Manufacturer of Fine Balances and Weights
for every purpose where accuracy is required.
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The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

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ENGLISH ENGRAVED FLASK

¶ Our assortment of flasks, including those in solid deposit, also leather flasks with cup, together with a large assortment of colognes and atomizers, have this same English engraved effect, and are excellent sellers.

¶ Our distinct line of unsurpassed designs in deposit ware, artistically developed, with the engraving handsomely carried out, commands the attention of the judicious buyer.

¶ A few of our specialties are Colognes, Atomizers, Vases, Decanters, sterling silver Photo. frames, Buckles, etc.

SCHARLING & CO.
Manufacturing Silversmiths
755 Summer Ave., Newark, N. J.



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Headquarters for the most exclusive line in this country.

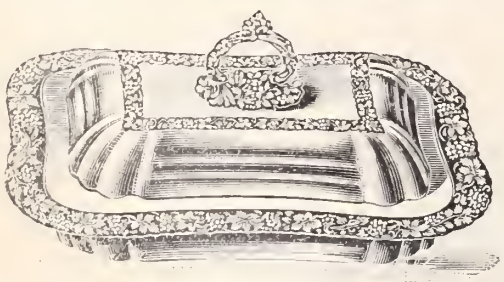
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Imitation Pearl and Fancy Bead, in all newest shades and exquisite colorings. Write for Samples, mentioning price.

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We can show you a line of Tea Sets, Tete-a-Tete Sets, Vegetable Sets, Wicker Bottles, Tantalus Sets, Trays, Glass, Silver and Silver Plate.

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For Silverware, Novelties and Jewelry : : : : : :

FINE ETCHING

We have just completed a number of Designs for high-class Jewelry. Drop us a line and we'll call.

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Standard American Watch Movements Speak for Themselves

Our efforts to please have resulted in an endorsement of the adage, "Play fair, and win confidence at least." It has always been our aim to carry the best at a reasonable price, and to protect our customers in every way.

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From our New York Office:	From our Pittsburg Office:
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Watches, Diamonds and Jewelry

NEW YORK, 54 Maiden Lane — PITTSBURG, PA., Cor. Liberty Ave. & 6th St.
ESTABLISHED 1868.

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Jewelers' Cards, Tissue Paper, Tags, Blank Books, etc.

ROLL AND FLAT PAPERS,

Estimates cheerfully given. Mail orders promptly attended to. Let us quote you our prices on manifold books and sealing wax.

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18k., 14k., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18k. and 14k.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

Our Line Appeals



to that large class of patrons that has excellent taste—but slender purses.

Sales are seldom lost with such customers.

They appreciate dainty designs, well-made articles and very moderate prices.

Kohn & Co

Camp and Orchard Sts., Newark, N. J.

Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

RICH DESIGNS :: :: :: Photos on Application.

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"BROOKLYN BRISTOL"

DO YOU KNOW that you can buy this 14-K., 25-year, hand-engraved, filled case, with solid gold bow for the same figure you are paying for a 10-K. 20-year case?

Send for Samples.

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MEN'S LADIES' All Sorts of **LOCKETS** UNMOUNTED MOUNTED WITH DIAMONDS OR ROSES. PENDANTS LINK BUTTONS RIBBON FOBS



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Established 1879. Manufacturer of

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SATISFACTION



Velvet, Plush and Morocco Cases of Every Description for JEWELRY and SILVERWARE.

Special Cases Made to Order.

We make a Specialty of Fine Blocks and Stands for WINDOW DISPLAY.

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Factory 10 GOLD ST. Telephone 3518 John



WE have not said very much in our advertisements regarding our movement stock, preferring to emphasize that portion of our business which presents exclusive features. However, we wish to call the attention of the trade generally to the fact that we are at all times prepared to take care of orders for any grades and sizes. Our stock is always complete and we can ship you goods desired promptly.

Henry Freund & Bro.

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71 Nassau St., New York

"SELLERS OF SELLERS,"

Our Trade-Mark



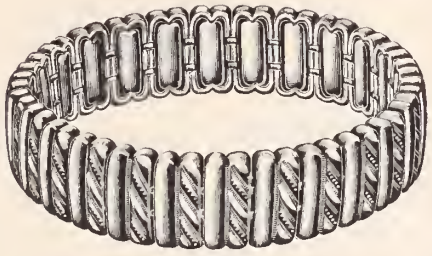
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The New NORMA

Patented Adjustable Bracelets



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Examine our Popular Prices ranging from

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The illustrations represent a few of the many styles we make

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Send for our new booklet, recently issued, showing all the latest patterns.

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JEWELERS AND SILVERSMITHS ECCLESIASTICAL ART METAL WORKERS

Providence, Rhode Island

Chalices, Ciboria, Croziers, Candelabra, Candlesticks, Reading Desks, Pulpits, Sanctuary Rails, Altar Lamps, Memorial Tablets, Medals, and

The Rosary in Fine Jewels

Real Stone
Gold and Rolled Gold-Plate Mounting

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We make for the Jobbing Trade the following lines of Solid Gold Jewelry:

Rings, Scarf Pins, Studs, Brooches, Charms, Baby Pins, Handy Pins, Chain Sets, Link Buttons, Hair Barrettes, Crosses, etc.

Insist upon seeing the designs of Gold Jewelry made by the

E. L. SPENCER CO.

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SAMPLES ONLY.



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Rings, Scarf Pins, Brooches, Ear Screws, Crosses, Etc.

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For the Jobbing Trade Only.

American Ring Co.

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★ WE ARE SPECIALISTS ★

Gold Filled, Ivory, Pearl,

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EMBLEMS, LOCKETS, FOBS, PINS, CHARMS.

S. & B. Lederer Co.

35 Years Mfg. Jewelers

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100 Stewart Street, - PROVIDENCE, R. I.
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As manufacturers of diamond mountings, we have established a reputation for giving the greatest value at the least price. As direct importers of precious, semi-precious and imitation stones, we can serve as the repairer of your jewelry better than any other house. A full line of stones always on hand.

Write us for information, or
Send us a trial order.

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CUFF BUTTONS

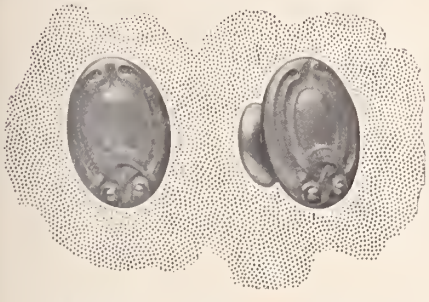
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Plain and fancy buttons that please the most staid and fastidious tastes.



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Baby Pins, Brooches, Scarf Pins, Tie Clasps, Hat Pins, Fobs, Cuff Buttons, Lockets, Bead Necks, Crosses, Waist Sets and Bracelets.

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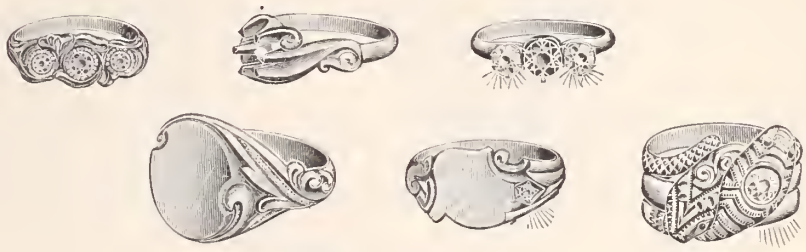
New York Office,
65 Nassau St.

San Francisco Office,
206 Kearny St.

1876 *1906*

Hutchison & Huestis
RING MAKERS

FACTORY, - - - PROVIDENCE, R. I.



Quality Guaranteed—Superior Finish

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Columbus Bldg.
Harry H. Miller.

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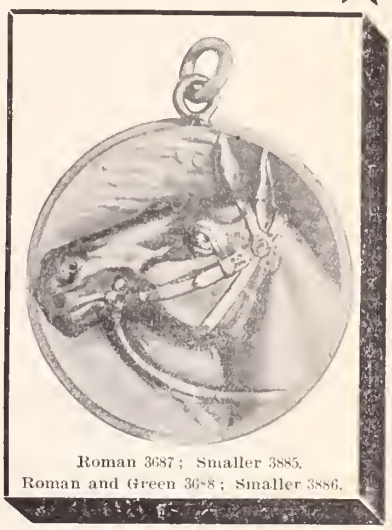
LOCKETS

"VERIBEST"

LADIES' **GENTLEMEN'S**

DEMAND **RE-ORDERS**

S. & B. L. CO. LOCKETS



Roman 3687; Smaller 3885.
Roman and Green 3688; Smaller 3886.

LOCKET INSURANCE

Insist on this Mark
★ Star Quality ★

"STAR QUALITY"
★ Gold Front — S. & B. L. CO. — Warranted 20 years

★ Inside Each Locket ★
They are the "Veribest"

S. & B. LEDERER CO.

Manufacturers for the Jobbers Exclusively.

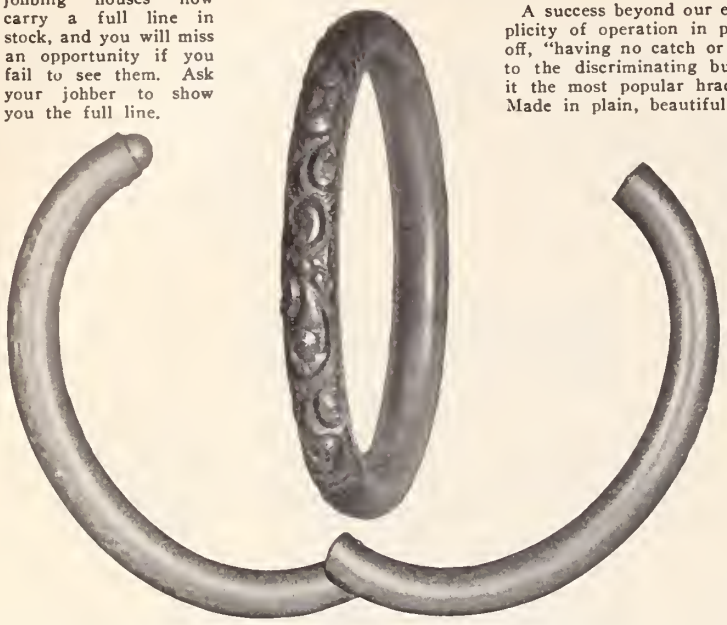
★ **NEW YORK CITY** 9-11-13 Maiden Lane — **Providence, R. I.** 100 Stewart St. — **CHICAGO, ILL.** 131 Wabash Avenue ★

The Kenilworth Bracelet.

(Patented Jan. 2, 1906, No. 808,805.)

No. 4086.

All of the foremost jobbing houses now carry a full line in stock, and you will miss an opportunity if you fail to see them. Ask your jobber to show you the full line.



A success beyond our expectations. Its simplicity of operation in putting on or taking off, "having no catch or snap," commends it to the discriminating buyer, and has made it the most popular bracelet on the market. Made in plain, beautifully chased and stone set, plain polished. English and Roman finishes, and in gold-filled and sterling silver.

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North Attleboro, Mass.

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EVERYTHING IN LOCKETS AND CHAINS.

THE BASSETT JEWELRY CO.,

PROVIDENCE, R. I.



BABY BRACELETS

IF one will pause for a moment to consider Quality, Price and Design, the conclusion is always the same, we have the Premier Line. This applies to Bracelets, and the A. O. T. G. Lines of

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Overlook

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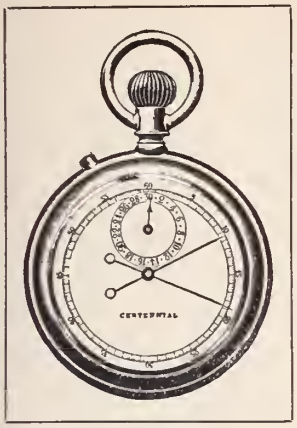
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61 PECK ST., PROVIDENCE, R. I.

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Timer is ⅛ Larger than cut

"Watch us" always for anything you wish in the "Watch" line.

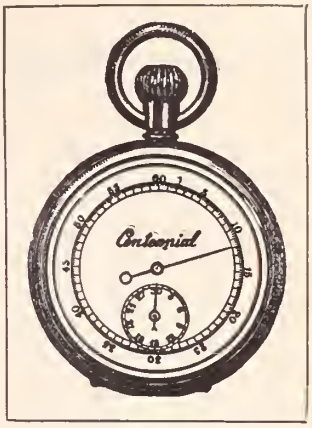
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Centennial

SPLIT SECOND TIMER

"None better made"

Suitable for Racing and Mechanical Purposes.



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CROSS & BEGUELIN, Manufacturers, **New York.**



Scarf Pins

Exclusive Novelties in Carbuncles, both in Real and Imitation Stones. Be sure and see them.

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WATCH FOR OUR NEW GOLD BRACELET

THE

EDWIN LOWE & CO., Inc.

F.W. BODWELL, Pres. and Gen. Mgr.,

116 Chestnut St., PROVIDENCE, R. I.

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Silver, $9.00 Doz

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KEY RING PROBLEM SOLVED!

THE ring illustrated herewith does the trick. You can put on and take off one dozen keys in less time than you could take one off any other make. We can also supply patent key rings in 10 and 14K. gold.

See our fall line before you place your order for Sterling Silver, Picture Frames, Card Cases, the new style Pocket Book, Toilet Ware, Manicure Articles, Buckles, Jewel Cases, Child's Cups and other hollow ware.

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New York Office: 7 Maiden Lane

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TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES. Over 4,000 Marks. Second Edition. Price, $3.00. The Jewelers' Circular Pub. Co., 11 John St., N. Y.

Mr. Retailer:

When your Jobber shows Gold Watch Cases, just ask for *one* **Solidarity** for comparison.

Would we court comparison on a product that couldn't "make good"?

Think it over!

Solidarity Watch Case Co.

ESTABLISHED 1885

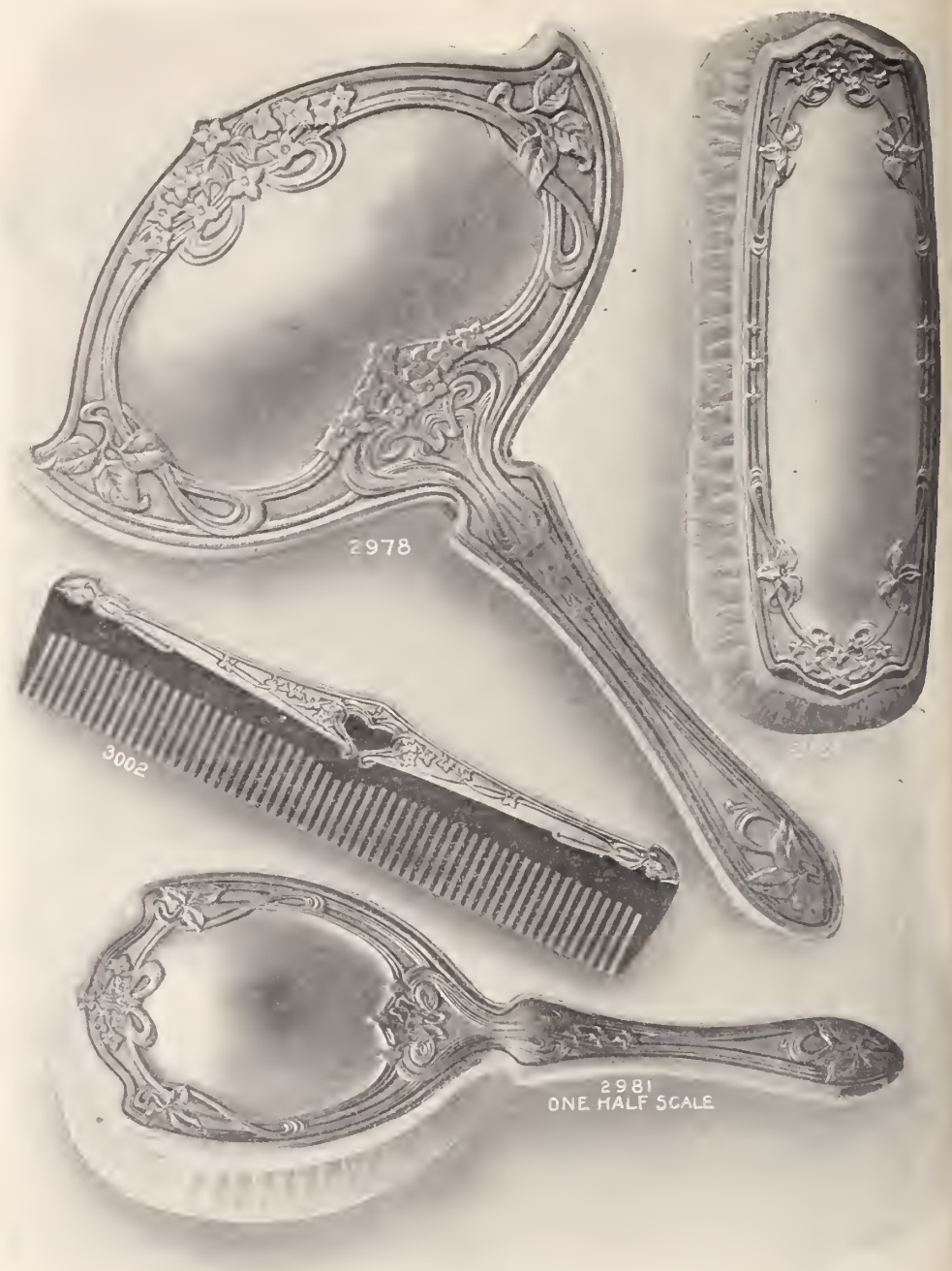
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JOHN W. SHERWOOD FRANK E. HARMER

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F&B F&B

The
Gypsy



Another of our new patterns in Toilet and Manicure goods.

Take particular notice of the new shape of Bonnet Mirror, which will be appreciated by every lady who uses one, it is so convenient. The regular shape can be furnished a little later if it is desired.

Our new line of Sterling Silver silk-lined Jewel Cases is especially attractive, and we are showing a great many Novelties which we will have illustrated in our new Catalogue, H, now in the hands of the publishers.

Owing to the phenomenal demand for

"The Armlet,"

the F&B invisible joint bracelet, it has been impossible to keep pace with the orders, but we now believe we shall soon be able to make prompt shipments.

See our full lines of gold-filled Lockets, Charms, Crosses, Pendants, Chains, Fobs, Neck Chains, Collarettes, Pins, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrette Pins, Belt Pins, Waist Sets, Buckles, Hair Chain Mountings, Ribbon Book Marks and a large line of Sterling Silver Novelties.

Theodore W. Foster & Bro. Co.

Manufacturing Jewelers and Silversmiths, 100 Richmond Street, Providence, R. I.

New York Salesroom
31 Maiden Lane

Chicago Salesroom
Heyworth Building, Wabash Avenue and Madison Street

Canadian Salesroom
350 King Street, Kingston, Ont.

Dr. George F. Kunz's Report.

Production of Precious Stones in 1905 Published by the United States Geological Survey.

[The publication of this report was commenced in The Jewelers' Circular-Weekly, *July* 18, 1906. *It is concluded in this issue.]*

MISCELLANEOUS.—*(Continued.)*

Precious Stones in India.—Although India has long been associated traditionally with gems and gem production, it yields at present but a small part of the world's supply of such minerals. It is curious to find the statement made by the director of the Indian Geological Survey, Dr. T. H. Holland, in a recent report,[1] that all the gems produced in that country "do not approach in value the unset stones and pearls imported," which, during the period covered by his review (1898-1903), had an average value of over £500,000 per year.

In this review a special section is given to gems, of which by far the most important are the rubies of Burma. The diamond occurrences are described almost exactly as given by Sarratt C. Rudra, and cited in the report of this Bureau for 1903.[2]

For the rest, a few notes are added here: The blue sapphires formerly obtained in the Kashmir State appear to have been exhausted of late, and no records are procurable.

Ruby spinel is a common associate of the true ruby in Burma, both in the gravels and in the limestone rock, and is often mistaken for it.

Another Burma gem stone is the red tourmaline (rubellite), and some attempts have been made to work it, as it is of fine quality. The data of production, however, are very variable and imperfect. The value of the output was estimated at £1,240 in 1900, but was barely £200 in 1903.

There is considerable garnet production in Jaipur, in the mica schists of Rajmahal; also near Sarwar in the adjacent State of Kishengarh. Data from the former are not procurable, but the output from the latter varies widely, its value ranging from £2,000 to £10,000 per year.

Methods of Rock and Fossil Section Cutting.—A remarkable piece of work has lately been accomplished in the cutting of large and very thin sections of silicified cycads, by R. G. Wieland, of Yale University. This work, and the studies which it was designed to illustrate, are presented in a bulletin illustrated by 12 heliotype plates about to be issued by the Carnegie Institution.[3] The material consisted of the cycadaceous trunks of Jurassic and Cretaceous age, which have been found in some abundance within recent years in Maryland, Dakota and Wyoming. Among the latter, especially, the details of structure are preserved in great perfection in the silicified mass, and it has been possible by this most careful and skilful piece of work to illustrate accurately the peculiar features of these fossils. The sections measure from 10 to 12 centimeters in length and from six to 10 centimeters in width. They are cut to the fineness of one-tenth to one-fifth of a millimeter, and polished on both sides and mounted on glass plates on balsam. Mr. Wieland believes that with time for the devising of further appliances, it will be possible to cut thin sections even from entire trunks.

IMPORTS.

Diamonds.—The diamond imports for the year 1905 amounted to more than the combined imports for the years 1897, 1898 and 1899. Especially noticeable is the fact of the greater importation of the rough material and the greater increase of the diamond-cutting industry in this country, the importation of the rough amounting to more than seven times as much as that of 1897, to almost three times as much as that of 1900, to about 25 per cent. more than that for 1902, and to practically the same as for the years 1903 and 1904. The importation of precious stones for the month of December, 1905, was $3,633,379, as much as the importation of any entire year up to 1879.

The following table shows the value of the diamonds and other precious stones imported into the United States from 1901 to 1905, inclusive:

[1]Rec. Geol. Surv. India, vol. 32, pt. 1, 1905.
[2]Mineral Resources U. S. for 1903, p. 920; also Trans. Am. Inst. Min. Eng., New York Meeting, October, 1903, pp. 11-15.
[3]On the methods of section cutting.

Diamonds and Other Precious Stones Imported and Entered for Consumption in the United States, 1901-1905.

Year.	Diamonds. Glaziers'.	Dust.	Rough or uncut.	Set.	Unset.	Diamonds and other stones, not set.	Total.
1901	$5,864	$831,984	$6,592,469	$2,654	$13,544,326	$1,838,055	$22,815,352
1902	10,738	798,523	8,221,389	175	13,834,168	1,888,793	24,753,586
1903	10,634	720,150	10,275,800	675	13,022,367	2,494,897	26,524,523
1904	73,054	445,621	10,234,587	559	13,439,023	1,893,969	26,086,813
1905	6,851	190,072	10,281,111	741	20,375,304	4,144,434	34,998,513

PRODUCTION.

In the following table is given a statement of the production of precious stones in the United States from 1898 to 1905, inclusive:

Production of precious stones in the United States, 1898–1905.

Precious stone.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
Diamond	$300	$150	$100	None.	$50	None.	None.
Sapphire	68,000	75,000	90,000	$115,000	100,000	$100,000	$125,000
Ruby	3,000	3,000	500	None	None.	None.	None.
Topaz	None.	None.	None.	None.	200	None.	500
Beryl (aquamarine, etc.)	4,000	11,000	5,000	4,000	4,000	5,000	6,000
Beryl (pink)					200	100	1,000
Emerald	50	1,000	1,000	1,000	250	None.	None.
Phenacite	None.	None.	None.	None.	None.	None.	None.
Tourmaline	2,000	3,500	15,000	30,000	45,000	40,000	50,000
Peridot	500	500	500	500	5,000	5,000	10,000
Kunzite						10,000	5,000
Quartz, crystal	12,000	10,000	10,000	12,000	10,000	10,000	10,000
Smoky quartz	None.	1,000	1,000	2,000	1,500	2,000	3,000
Rose quartz	100	100	150	200	1,500	1,000	1,000
Amethyst	250	500	500	2,000	3,000	3,000	2,000
Prase	None.	None.	None.	None.	None.	None.	None.
Gold quartz	500	2,000	2,000	3,000	3,000	5,000	5,000
Rutilated quartz	50	50	50	100	100	None.	None.
Dumortierite in quartz	None.	None.	None.	None.	None.	None.	100
Tourmalinated quartz	None.	None.	1,000	None.	None.	None.	None.
Agate	1,000	1,000	1,000	1,000	2,000	2,000	2,000
Moss agate	1,000	1,000	500	500	1,400	1,500	1,500
Chrysoprase	100	100	1,500	5,000	1,500	6,000	5,000
Silicified wood (silicified and opalized)	3,000	6,000	7,000	7,000	5,000	5,000	5,000
Opal	None.	None.	None.	150	200	None.	None.
Garnet (almandite)	5,000	500	100	None.	None.	None.	None.
Rhodolite	None.	20,000	21,000	1,500	1,000	None.	None.
Garnet (pyrope)	2,000	1,000	1,000	1,000	2,000	3,000	5,000
Topazolite	None.	None.	None.	None.	None.	None.	None.
Amazon stone	250	250	200	500	400	500	1,000
Oligoclase	20	20	None.	None.	None.	None.	None.
Moonstone	None.	None.	None.	None.	None.	None.	None.
Turquoise	72,000	82,000	118,000	130,000	110,000	100,000	65,000
Utahlite (compact variscite)	100	100	250	None.	100	200	500
Chlorastrolite	3,000	3,000	3,000	4,000	3,000	2,000	3,000
Mesolite (thomsonite, so called)	1,000	1,000	1,000	1,000	500	500	500
Prehnite	50	50	None.	None.	None.	None.	None.
Diopside	None.	None.	None.	None.	None.	None.	None.
Epidote	None.	None.	None.	None.	None.	None.	None.
Pyrite	1,000	2,000	3,000	3,000	3,000	3,000	2,000
Malachite	250	200	100	None.	None.	None.	2,000
Rutile	200	100	None.	None.	None.	None.	None.
Anthracite (ornaments)	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Catlinite (pipestone)	2,000	2,000	2,000	2,000	2,000	2,500	2,000
Fossil coral	50	50	100	None.	None	None.	250
Arrow points	1,000	1,000	500	None.	None.	None.	1,000
Miscellaneous						15,000	10,000
Total	185,770	233,170	289,050	328,450	307,900	324,300	326,350

W. W. Cervante, formerly local manager of the United American Opticians, 213 State St., Bridgeport, Conn., who was charged by that concern with the larceny of $21 in cash, was recently discharged in the City Court. The firm was instructed by the assistant prosecuting attorney that the proper procedure was to resort to the civil courts for recovery of the money.

Read & Clark, Winnipeg, Man., have been succeeded by W. R. Noble & Co.

Charles A. Bateman, of Bateman, Lent & Co., Scottsburg, N. Y., reported to the Rochester police that burglars entered his store on the night of Sept. 14 and stole a lady's gold hunting case watch valued at $100, a small amount of cash and a number of articles of jewelry.

The Strongest Argument

why you should buy Larter-made jewelry is embodied in the goods themselves.

Pattern Right
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Construction Right
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Price Right

These five points are the essential reasons why Larter Rings, Larter Studs, Larter Vest Buttons, Larter Cuff Buttons and Larter Lockets should commend themselves to your consideration. To attest these five Points-of-Merit, every article we make is stamped with our

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Why not buy goods that are "Right" in every particular?

The 1907 Edition of the LARTER GOLD BOOK now on the press. A postal will bring one.

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Larter & Sons

21-23 Maiden Lane New York



Registered Trade-Mark.

Jewelry, Clocks, Watches, Optical Goods and Kindred Lines Exported from New York.

WASHINGTON, D. C., Sept. 19.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Alexandria: 1 package plated ware, $135.
Bangkok: 2 packages plated ware, $753.
Belfast: 24 packages clocks, $165.
Bombay: 149 packages clocks, $2,334; 1 package plated ware, $243.
Bremen: 5 packages silverware, $1,898; 4 packages plated ware, $480; 2 cases jewelry, $1,000.
Buenos Ayres: 2 packages plated ware, $439; 173 packages clocks, $3,558.
Calcutta: 17 packages clocks, $365; 13 packages clocks, $275.
Callao: 18 cases jewelry, $920.
Cartagena: 2 packages plated ware, $133.
Chaux du Fonds: 2 packages watch cases, $100.
Colombo: 2 cases watches, $2,979.
Colon: 7 packages clocks, $120.
Genoa: 1 case jewelry, $250.
Glasgow: 72 packages clocks, $1,030.
Guayaquil: 1 case jewelry, $200; 21 packages clocks, $398.
Hamburg: 2 packages optical goods, $352; 11 packages jewelers' sweepings, $3,500; 4 packages clocks, $285; 1 package optical goods, $150; 4 cases jewelry, $764.
Havana: 2 packages plated ware, $290; 1 case jewelry, $210; 7 packages clocks, $170.
Hong Kong: 2 packages scopes and views, $750.
Liverpool: 3 packages plated ware, $103; 2 cases jewelry, $520; 1 package plated ware, $747; 47 packages clocks, $2,340; 1 case jewelry, $500.
London: 3 packages plated ware, $136; 18 packages optical goods, $2,752; 8 cases watches, $502; 1 package silversmiths' sundries, $202; 49 packages clocks, $1,062; 1 case watches, $110; 68 packages clocks, $2,104; 2 packages plated ware, $147; 62 packages clocks, $2,076.
Manila: 10 packages plated ware, $1,329; 4 packages clocks, $165.
Montevideo: 93 packages clocks, $1,357.
Para: 3 cases jewelry, $665; 3 cases watches, $139; 15 packages clocks, $241.
Rio de Janeiro: 2 packages silverware, $558; 3 packages plated ware, $438; 4 packages optical goods, $600; 2 cases watches, $2,577; 5 cases jewelry, $3,153; 176 packages clocks, $3,855.
Shanghai: 3 cases watches, $321; 22 packages clocks, $391.
Singapore: 24 packages clocks, $225.
Sydney: 4 packages clocks, $154.
Tampico: 8 packages clocks, $102.
Valparaiso: 6 flasks quicksilver, $210; 15 packages plated ware, $678; 4 cases watches, $364.
Vera Cruz: 37 packages clocks, $232; 2 packages plated ware, $225.
Yokohama: 435 packages clocks, $8,174.

A Chaste and Graceful Racing Trophy.

IN the Brighton gold cup for 1906, illustrated on the front cover of this issue, is seen another graceful addition to the series of rich trophies offered for the annual event on the Brighton track.

The cup stands seven and three-eighths inches high, exclusive of the ebony base, and contains more than 700 pennyweights of 18-karat gold. The cup is shaped like a wide goblet and has two handles. It is severely plain, with the exception of a simple band near the top, and the words "The Brighton Cup, 1906," in raised letters.

The handles are pierced and consist of a number of horseshoes, held in place by two larger shoes, forming a sort of a grip. A spray of laurel climbs up and serves as an ornament where the handles are attached to the body.

Around the wooden base an ornamental 18-karat gold border, consisting of horseshoes and laurel leaves, gracefully interlacing, forms an added decorative feature.

This handsome trophy was made by Tiffany & Co., New York.

Paris Letter.

PARIS, Sept. 15, 1906.—An industrial art exhibition held in the large hall of the Museum of Decorative Art in the Pavilion Marsan in Paris has brought out something which will certainly start a new fashion, namely, a little shoulder cape or deep collar, shaped like the lace collars so much worn of late, made of cloth or silk and ornamented with gems and chased metal. The idea is most original, and will attract the seekers after novelties.

For earrings, the single pearl or solitaire diamond is no longer exclusively in favor, but more complicated designs are coming back into fashion. The style comes from England. Two briolettes are suspended from a delicate circlet of brilliants. Other designs are a four-leaved clover of emeralds and diamonds, a large brilliant hung within a double circle of emeralds and rubies, or two pear-shaped pearls in a group of brilliants. Many Parisian ladies returning from London are bringing this fashion, which reminds us of the styles of the 18th century.

A form of jewelry much in vogue many years ago has recently been revived in Paris. It is the little basket of flowers, and has just reappeared in the shape of a pendant, the flowers being made of enamel work in colors true to nature. The basket is in the Louis XVI. style, and is worn on a thin gold chain resembling a wire, which encircles the neck.

As for bracelets, the ones that are made in openwork, so as to allow the flesh to show through, are the most popular. They are usually made in sections, and a number of them frequently worn on one arm. The stiff bracelet is still used to some extent.

Among the odd styles in bracelets seen of late is one of black enamel, decorated with black pearls or brilliant stones. The idea seems to be to accentuate the whiteness of the arm, and as a touch of black in the costume is not against the present requirements of fashion it fills a double purpose. Another novelty is a bracelet of spiral design, in dull gold embellished with diamonds and pearls. A further variation in this line consists of large gold balls, a number of slender wires serving to hold them together. Very attractive is one in squares, decorated with daintily designed and colored enamel work, and a tiny gold chain running between.

The hair ornament received by Princess Ena at her recent nuptials has been copied, and as it presents a very novel effect it is attracting much attention. Some of the pearls and diamonds with which it is decorated are suspended in the center of a loop, and, shaking with the slightest motion of the fair wearer, make a very pretty impression. The setting and chain work is very inconspicuous and almost invisible, except upon close inspection.

The "bridge" table is now actually obligatory at every social gathering, and its habitués must have an elegant little purse for this special purpose. These are made of gold network, round in shape and of medium size. A four-leaved clover almost covers one side, the interior of silver meshes, with emeralds, rubies, sapphires or brilliants outlining the fateful leaf. Here is the bridge purse *par excellence*, ready with its talisman.

Something new for young mothers is a ring which shall preserve the first two teeth of the baby! The diamond chip setting is in the form of a shuttle, and the teeth are placed diagonally across it. This ring has nothing in the least unpleasant in its aspect, and is fit to take a place among the daintiest of adornments. It is usually worn on the little finger of the left hand.

As regards rings in general, they seem to incline toward the square shape. Among those seen in the Rue de la Paix is one with an emerald in the center of the ring, the ring itself being of two-colored gold. A charming band, set with a large pearl, is worn on the little finger, while the square shape referred to is reserved for the engagement finger.

A handsome effect is produced by flowers of gold worn in the hair, the centers consisting of diamonds or pearls, and the colors imitated in enamel.

In necklaces the flat effect is coming into vogue, the bead idea, which has held sway so long, being more and more abandoned. A cunning design consists of a row of square cut diamonds with festoons of precious stones and pendants of pearls. Delicate filigree work serves as the foundation.

The golden finger bowl is the ornament for the close of dinners. At the present moment all the large shops are showing bowls, saucers and little pitchers of repoussé copper, brilliantly polished and very light; and these are quite *à la mode*. The bowl is placed upon the saucer when presented, and each one holds the tiny pitcher of *"eau de menthe"* or *"eau d'anis."* The pieces are easily cared for, and have the advantage over glass in not being fragile.

CHASABRAS.

Importations at the Port of New York.

Weeks Ended Sept. 22, 1905, and Sept. 21, 1906.

China, Glass and Earthen Ware:	1905.	1906.
China	$110,571	$116,270
Earthen ware	15,428	26,527
Glass ware	38,408	50,946
Optical glass	3,036	402
Instruments:		
Musical	11,561	16,213
Optical	14,568	20,364
Philosophical	3,019	2,208
Jewelry, etc.:		
Jewelry	20,492	13,270
Precious stones	794,068	860,010
Watches	32,599	46,206
Metals, etc.:		
Bronzes	11,399	9,771
Cutlery	32,100	40,149
Dutch metal	972	2,781
Platina	.....	53,655
Plated ware	1,237	.....
Silverware	5,761	7,159
Miscellaneous:		
Alabaster ornaments	2,086	37
Amber	1,855	775
Beads	7,226	4,482
Clocks	11,414	16,765
Fans	5,843	7,108
Fancy goods	5,575	10,481
Ivory	41,705	66,664
Ivory, manufactures of	1,162	977
Marble, manufactures of	32,057	38,635
Statuary	.....	.....

B. A. Reesor, Brandon, Man., has bought 80 feet of land on May St., Fort William, Ont., for $16,500, the largest real estate deal in the history of that town.

De Foe Bros., Port Arthur, Ont., have dissolved partnership, W. N. De Foe commencing business in the neighboring town of Fort William.

Court Confirms Settlement of I. G. Dillon & Son Co.—C. N. Hancher and A. A. Wheat the New Owners.

PITTSBURG, Pa., Sept. 22.—The creditors of the I. G. Dillon & Son Co., Wheeling, W. Va., in the presence of Judge Dayton, in the United States District Court at Wheeling, W. Va., last Tuesday, agreed to accept 40 cents on the dollar in settlement of all claims, and the big store was formally transferred from the custody of the court to Messrs. Charles N. Hancher and A. A. Wheat, of that city. The amount agreed upon was not made public, but is said to have been satisfactory—so much so that the intended objections which were to be made were not offered and the settlement went through without any difficulty. Attorneys Russell & Russell, representing Mr. Hancher and Mr. Wheat, and who, it is said, also represented the Jewelers Board of Trade of New York, were present in court, while Attorney B. J. Sommerville represented I. G. Dillon, Alfred Caldwell the trustee, J. A. Miller and Frank C. Cox the referee.

The transfer of the store involves no change in the direct management of the business, as Messrs. Hancher and Wheat announced as soon as it was made that all of the old employes of the firm will be retained and Mr. Dillon, whose name has been connected with the business of the house for the last 32 years, will have entire charge of the sales department.

The bankrupt concern had one of the most complete jewelry establishments in the State, and new stock and improvements, it is said, will make it a much more modern store. The new proprietors began an inventory of the stock Thursday morning, and the invoicing is expected to take considerable time, but in the meantime the house is open for business.

The developments of Tuesday were the outcome of proceedings in bankruptcy instituted a number of months ago, and for a while it looked that there would be much litigation. Mr. Dillon offered the compromise with Messrs. Hancher and Wheat as guarantors, and the court, after making full inquiry and finding no opposition, the composition was confirmed and the assets of the company have been turned over to the new firm. It is said that since the firm went into litigation over $30,000 worth of goods has been sold. The liabilities were about $175,000.

Charles N. Hancher, one of the new proprietors, has been identified in the jewelry business in the Nail City for about 25 years, and for five years of this period he has conducted one of the finest establishments in the State at 1231 Market St. Mr. Hancher began his business career many years ago as an apprentice under Mr. Dillon, and for a number of years was an employe of the store and later a member of the firm. He and Mr. Wheat were partners in the old firm of Dillon, Wheat & Hancher, and are business men of the most progressive type of the present day.

D. E. Zook, 19 years old, a student of the University of Missouri, Columbia, Mo., has confessed that he robbed the University Co-operative Store of about $1,000 worth of fountain pens, jewelry, etc.

HAYDEN W. WHEELER & CO.

MOUNTED DIAMONDS

Our salesmen are now out and showing larger and more varied stocks of Mounted Diamonds than ever before.

If they do not call on you, your mail or telegram order will receive prompt attention.

RINGS, BROOCHES, SCARF PINS, NECKLACES, LA VALLIERES, BRACELETS, STUDS, EAR RINGS, SLEEVE BUTTONS.

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DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

Developments in the Bankruptcy Proceedings Against Sol Urbach Come Thick and Fast.

Following the bankruptcy proceedings which were begun Sept. 17 against Sol. Urbach, diamond jobber, 49 Maiden Lane, as reported in last week's issue, developments came somewhat rapidly. Mr. Urbach has been required to give a bond not to leave the State. His attorneys claim that the vigor with which the case against Mr. Urbach is being pushed is inspired by disappointment because he declined to make a private settlement with one of the creditors. The diamonds, valued at $40,000, which disappeared from Mr. Urbach's berth in a sleeping car, as reported by him, have not been found.

Application was made Wednesday to Judge Hough, of the United States District Court, for an order requiring Mr. Urbach to give a bond as a guarantee that he will not leave the city. This application was made by Hays & Herschfield, who have been called into the case to co-operate with Gustavus A. Rogers, the attorney who filed the petition for creditors in the original proceedings.

In support of the application affidavits were submitted by Isidor Hochberger, one of the petitioning creditors, who has a claim for $1,562. In this affidavit Mr. Hochberger repeats some of the charges which are made in the bankruptcy petition as to Mr. Urbach's financial affairs, and especially as to the reported loss of diamonds. The substance of these allegations was published in last week's issue. The affidavit gives somewhat in detail the reasons why Mr. Hochberger rejects Mr. Urbach's story as to the missing diamonds.

It is claimed by Mr. Hochberger that Mr. Urbach did something most unusual, if he really took the entire stock of diamonds on the sleeping car. Mr. Urbach, it is said, has been for a long time a sufferer from insomnia, and yet on the night of the supposed theft he slept soundly on the sleeping car, all the way from Jersey City to Baltimore. His waistcoat containing his wallet with the diamonds, according to his account, was removed during that time from its position under his pillow without arousing him.

Mr. Hockberger says that for the diamond broker to take all his precious stones with him in order to make some sales in Baltimore was like inviting a robbery, especially as the jobber is a man of delicate health. Weighing these fact, the petitioner reasserts that he does not believe the story and regards it as an invention, the object of which is to conceal the disappearance of assets from the creditors. After Mr. Urbach returned to New York he was seen at his home by Mr. Hochberger. According to the affidavit the jobber said that Mr. Hochberger was one of three creditors who would be paid in full, while the other creditors might get a settlement of 35 cents. According to the affidavit Mr. Urbach also said that because of his health he would soon take a trip to Europe. It was to prevent this alleged plan of going abroad that Mr. Hochberger's attorneys made the motion asking for a bond.

Another affidavit was by Thomas J. Wallace, a Pinkerton detective. He testified that he shadowed Mr. Urbach and two friends in Mouquin's restaurant on Fulton St. On leaving the dining table the detective said one of the friends placed his hand on Urbach's shoulder and remarked, "Sol, don't be a fool. You don't need to go away. Stay where you are. Mind what I tell you, don't go away."

After hearing the affidavits, Judge Hoff sent for Mr. Urbach, who responded and was accompanied by his counsel, Sol. J. Rosenblum. Friends signed the bond for $10,000 and Mr. Urbach and his counsel departed.

It seems likely that in the proceedings, interviews which Mr. Hochberger had with Urbach and with Attorney Rosenblum, in the latter's office, may be the cause of considerable discussion. Mr. Hochberger said in his petition that an agreement was drawn up for the purpose of settling his claim, and that after the document had been signed it was destroyed by Mr. Rosenblum, who ordered the petitioner out of his office, saying, "Now I have you where I want you." It is now said that the agreement was not destroyed, but was merely torn, and that the attorney has put the pieces together again with the view of exhibiting the document in court. It is also said that a Pinkerton detective named Sinclair was present in Mr. Rosenblum's office during the final interview with Mr. Hochberger when the terms of the proposed agreement were discussed. The detective posed as A. Collins, a farmer from Newburg, N. Y., and he was present ostensibly to endorse the notes which were to be executed in part settlement of the Hochberger claim.

The agreement signed by Mr. Hochberger, it is understood, was of a preliminary character, providing that $400 in cash and notes for the remainder of his claim should be paid after an interval of five days, during which time inquiries could be made as to the satisfactory character of the supposed Mr. Collins as an endorser.

On Urbach's side, it is said, there was no intention at any time to settle privately with Mr. Hochberger, and the interview at which the agreement was drawn was designed to entrap the creditor. An effort may be made to show that the threats of prosecution were made by Mr. Hochberger in order to obtain a settlement. As Mr. Rosenblum makes no specialty of bankruptcy cases, Mr. Urbach will be represented in court, it is probable, by Thomas & Oppenheimer. The effort to effect a compromise at 35 per cent. has been abandoned.

Joe B. Hedges, the receiver, obtained an order from the court several days ago, authorizing him to retain as attorney Mr. Rogers, who has acted for the petitioning creditors. In his affidavit Mr. Hedges estimated the total liabilities of Mr. Urbach at $50,000.

Mr. Urbach's formal examination in bankruptcy took place Monday before Commissioner Alexander, in the Post Office building.

Several of the largest creditors have as yet taken no part in the legal proceedings, but are expected to file claims in bankruptcy in the usual manner. Among these creditors, according to report, are the following: Stern Bros. & Co., Albert Lorsch & Co., L. & M. Kahn & Co., Julius Wodiska and the Cooper Diamond Co.

M. Boucheron, Paris, France, Will Not Open New York Branch—Changes on Fifth Ave.

M. Boucheron is not to open a New York branch at 590 Fifth Ave., as had been reported. It was announced several months ago that he had taken a lease of the ground floor and some of the upper part of the six-story building, which was then being constructed at that number. The lease was given by Douglas-Robbinson, Charles S. Browne & Co., as agents of the owners. Since that time the French firm has changed its plans and the store as well as the upper floor of the building, now completed, are for rent. It is said that a change in the personnel of the management at Paris was responsible, at least in part, for abandoning the project to open at this time a branch in New York.

The building which M. Boucheron intended to occupy is a few feet south of 48th St., on the west side of Fifth Ave., and is next to the store which the Bartens & Rice Co. moved early in the Summer.

Work is now progressing on the superstructure of the new building which Simon Frankel is erecting at the southwest corner of Fifth Ave. and 47th St. The site is 50.5 by 100 feet. The store, occupying the entire ground floor, is to be occupied by Howard & Co., now at 264 Fifth Ave. Next door to the south, at 574, Udall & Ballou are now comfortably established, having moved a couple of months ago from their old location five blocks farther south.

At 46th St. and Fifth Ave., this site being also on the west side of the avenue, the contractors are about ready to begin work on the superstructure of the new building to be erected by Michael Dreicer, of Jacob Dreicer & Son, now at 292 Fifth Ave.

Alfred H. Smith & Co. will open in a few days their uptown branch at 475 Fifth Ave.

The new Alvin building at Fifth Ave. and 35th St. is rapidly nearing completion.

American Jewelry Co., Indianapolis, Ind., Files Voluntary Petition in Bankruptcy.

INDIANAPOLIS, Ind., Sept. 19.—George A. Hocker, doing business in this city as the American Jewelry Co., has assigned and filed a voluntary petition in bankruptcy in the Federal Court. The liabilities are $3,428 and the assets $3,298. Unsecured claims aggregate $2,245.

Among the creditors are Jules Ascheim, New York; Joseph Cowan, Boston; Bradley Ring Co., New York; L. Gutman & Sons, Cincinnati; Baldwin, Miller Co., Indianapolis; S. Glickauf & Co., Chicago, and the Bonner Mfg. Co.

This business was started by Geo. A. Hocker and Chas. E. Allee in the Summer of 1905 under the style of Hocker & Allee. Some time afterwards they were succeeded by Hocker & Woodward, and a short time ago Mr. Hocker secured entire control.

J. H. Wood, who, for the past 20 years, was associated with C. E. Gifford & Co., Fall River, Mass., recently purchased the business formerly owned by C. A. Gaudette, 139 Main St., Fall River, Mass., which he has extended and is now conducting at the old address, under the style of J. H. Wood & Co.

American Energy

AND PUSH OF OUR BUYERS ABROAD HAVE RESULTED IN LARGE SHIPMENTS OF EXCEEDINGLY FINE AND MEDIUM QUALITIES OF THE FOLLOWING GOODS:

Oriental Baroque Pearls
Round and Bouton Pearls
Round Tinted Pearls
Half Pearls
Round Cut Rubies
Emeralds and Sapphires
Aquamarines and Peridots

WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

L. Heller & Son

Importers of Precious and Imitation Stones.

New York, 51 Maiden Lane Providence, 212 Union St. Paris, 39 Rue de Chateaudun Idar, 14 Hauptstrasse

GEORGE H. HODENPYL. WALTER N. WALKER.

DIAMONDS

AND

DIAMOND JEWELRY

HODENPYL & WALKER

Unique and Staple Patterns

170 Broadway, New York

Corner of Maiden Lane

TELEPHONE, 1898 CORTLAND

Repairing and Recutting Diamonds a Specialty

DIAMONDS

WE ARE NOW SHOWING, IN ORIGINAL LOTS, AN EXCEPTIONALLY LARGE STOCK OF

DIAMONDS

which will interest large dealers.

CYRUS PRICE & CO.

Importers and Cutters of Diamonds

170 Broadway, Broadway-Maiden Lane Building, New York

DIAMONDS

A. ROSEMAN, 9-11-13 Maiden Lane, New York

IMPORTER OF

DIAMONDS

Maker of Diamond Jewelry

TRADE-MARK.

Established 1872

HEADQUARTERS FOR

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ALWAYS SOMETHING NEW IN

UNIQUE GEMS

NOVELTIES IN STRICTLY GENUINE SEMI-PRECIOUS AND NATIVE STONES
ALSO MANY IMPORTED NOVELTIES
Send for Sample Papers and see some New Beauties
NO IMITATIONS.

LOUIS J. DEACON, ATLANTIC CITY, N. J.

Trade-Marks of the Jewelry and Kindred Trades.
Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Retail Jewelers of Rochester, N. Y., Successfully Form Local Organization.

ROCHESTER, N. Y., Sept. 21.—The Rochester Retail Jewelers' Association is at last an assured fact. At a recent meeting of representative jewelers of this city, held in the office of B. B. Clark, past president of the American Association of Opticians, a constitution was presented and adopted and plans made for making the association one which will fill many long-felt wants of local jewelers. Several attempts have been made to form an association in Rochester, but all failed. There was never the enthusiasm and spirit displayed, however, which marked the formation of this new society.

The start for bringing the jewelers together was made shortly before the national convention of jewelers, which was held in this city the first week in August, when Philip Present sent out postals requesting the jewelers to have a meeting and discuss the advisability of forming an organization. About 10 jewelers responded to the call, and at this meeting E. J. Scheer and Chas. E. Sunderlin were appointed a committee to visit the jewelers not represented and see how they felt toward the movement. A second meeting was called to take place a few weeks later, but owing to the fact that the committee had not been able to do all the work specified it was postponed. At the last meeting the committee reported that the following jewelers had signed a list agreeing to join an association, should one be formed: Geo. L. Andrus, Bastian Bros., Carl A. Beyer, S. D. Burritt, C. H. Dygert, J. J. Ernisse, E. S. Ettenheimer & Co., A. P. Gervens, S. W. Greene, Humburch Bros., G. C. Hunt, F. A. Kennedy, W. A. Kennedy, Klee & Groh, Jos. Klem, C. W. Rickarts, L. Sunderlin Co., F. M. Thrasher, C. F. Vanderpool, O. H. Voss, J. R. White & Co., C. F. Wolters, E. J. Scheer & Co., Ellery A. Handy, Henry Oemisch and J. W. Cullen.

The committee, together with J. J. Ernisse, who is secretary *pro tem* of the new association, had drafted up a constitution and by-laws which were submitted and adopted by the meeting. There was no election of officers, it being thought that it would be better to give all a little time in which to consider the matter, and to have the election take place at the next meeting. The following jewelers were present at the organization of the association: Chas. E Sunderlin, E. J. Scheer, J. J. Ernisse, Geo. Klee, W. A. Kennedy, F. M. Thrasher, Geo. L. Andrus, M. Brockaway, representing Humburch Bros.; Mr. McAllister, representing Henry Oemisch, and Claude Sumereski, representing S. D. Burritt. Mr. Sunderlin presided and Mr. Ernisse acted as secretary. In order not to delay the work of organizing, the latter will act as secretary until the next meeting. Mr. Ernisse reports initiation fees coming in in good order, and believes that by the next meeting there will be a good attendance of full-fledged members.

The following constitution was adopted:

Article I.—Name. The society shall be known by the name of the Rochester Retail Jewelers' Association.

Article II.—Object. To promote the interests of the legitimate retail jewelry trade and by social intercourse aid and secure a mutual benefit.

Article III.—Officers. The officers of this society shall consist of a president, vice-president, secretary and treasurer and an executive committee of five active members who shall constitute a board of directors. All to be elected by ballot.

Article IV.—Sec. 1. This society shall consist of active and honorary members.

Sec. 2. The active members shall consist of legitimate retail jewelers and silversmiths who are actively engaged in the jewelry business.

Sec. 3. Honorary members shall consist of retail jewelers who have been active members of this association and such other persons as shall be elected by this society.

Article V.—Amendments. This constitution may be altered or amended with the consent of two-thirds members present, provided the proposition be offered in writing at a regular meeting and acted upon in a subsequent regular meeting and written notice given to all members.

The initiation fee was set at $2, and the dues for resident members $3 per year. Non-resident members will pay $1 a year dues. It was thought that many jewelers in the towns in this vicinity might wish to affiliate with the local association, and for this reason provision was made for them.

The next meeting will be held at the office of B. B. Clark the first Tuesday in October. Meetings will be held the first Tuesday evening of each month, and the annual election of officers will take place the first Tuesday in January.

With the spirit shown by the local jewelers in the formation of this new association it is hoped that Rochester will have a permanent and strong organization. Out of all the jewelers in this city only one or two have refused to join the ranks. With such a start there is no reason for failure. As one jeweler said, "Let them get together and stick."

The Diamond Markets

ANTWERP, Sept. 15.—The outlook in the diamond market is excellent, but difficulty is found in securing good lots of brilliants from stock. Rough goods are scarce. There is quite a demand for good and medium mêlée and small brilliants, but it is hard to procure these qualities. Large goods are also called for, but the quality and cutting must be perfect. It is the opinion of the merchants here that there has never before been a season when cutters found it so hard to get good diamonds in the rough, both in size and quality. Several merchants who recently visited the markets at London and Amsterdam returned without finding what they wanted.

The statue of Lodewyk Berken, the inventor of diamond cutting, which is almost completed, is to be placed on the first floor of the Rue Leys building by Mr. Coetermans. The statue measures three meters high, and is the work of the well-known sculptor, Frans Joris.

The following buyers were here during the past fortnight: Messrs. Strasburger, Moutias, Schiff, B. Rapoport, Heschelson, Slyper, Boutelje, Prager, Gagarosian, Marderosian, Binnenfeld, E. Mayer, E. Weill, De Haan, B. Misrahi, Langbanck, Yache, Lambert frères & Co., Mund frères, Andre, Van Moppes, all of Paris; Mr. Sado and Mr. Viola, Naples; Mr. Kanter, Lodz; Mr. Goretti, Rome; Mr. Goldenberg and Y. Misrapi, Cairo; L. Mayer, Romania; Mr. Motter, Geneva; Mr. Falkenau, Prague; Messrs. Aaronson, Hartman, L. Levy and Mendelsohn, Manchester; Mr. Fourzyven and Mr. Wentraub, Vienna; Mr. Hamburger, Amsterdam; S. Kahn and Mr. Landau, Cracova; Mr. Arabian, Constantinople; Mr. Muller, Nurnberg; Mr. Siebenberg, Warsaw; Messrs. Infeld, Goldberg, and Bernstein, New York; Mr. Andreif, Burgos; Mr. Abrahams, Birmingham; Mr. Schami, Alexandria; Mr. Rimmer, St. Petersburg; Messrs. Cherfetez, Chenkin, Warsaw.

PARIS, Sept. 13.—The precious stone business is very satisfactory at present. There is a large demand for all sorts of mêlée of two, three and four grains; but there is not much stock on the market from which to select, so that local dealers are sending their buyers to Antwerp and Amsterdam in search of these qualities. Owing to the advance in rough, all sizes now manufactured will cost from two to three francs per carat more. Large, good roses are also much in demand, as are very small roses of 200 to 300 to the carat.

At the end of August a couple of local firms asked extensions of the notes due on Aug. 31, owing to the calamities of Valparaiso and Santiago, but it is clear that the creditors will not lose a farthing. France does an extensive business with Chili, selling large quantities of diamonds, pearls and colored stones. Pearls for some time past have been sent to Valparaiso.

The offices of Mr. Diamantberger are now 54 Rue Lafayette, and the offices of S. H. Cohen, formerly at 17 Rue Cadet, are now at 42 Rue Cadet. A new firm was recently formed under the name of Adelbert & Sons, 23 Rue des Capucines, with a capital of 200,000 francs.

AMSTERDAM, Sept. 12.—The diamond market is very active at present, and many foreign buyers are expected. Very small brilliants and good mêlées are easily sold.

A new diamond factory has been opened at Hilversum under the style of H. J. Rudelsheim.

The following foreign merchants have been here recently: Representatives of Mr. Abel, Bruhl Bros. & Henius, J. Bernstein, Ingomar, Goldsmith & Co., New York; Mr. Sipe, Pittsburg; M. Hahn & Co., Mr. Samson, N. M. Oppenheim, L. L. Wins Jeune, Mr. Prager, Lambert Bros. & Co., Paris; H. Klein, Antwerp; Messrs. Jollasse & Hirch, Hamburg.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Sept. 22, 1906.

The U. S. Office reports:

Gold bars exchanged for gold coin	$547,128.27
Gold bars paid depositors	78,102.95
Total	$625,231.22

Of this the gold bars exchanged for gold coin are reported as follows:

Sept.	17	$94,142.62
"	18	127,545.42
"	19	66,664.61
"	20	185,914.79
"	21	62,725.99
"	22	10,134.84
Total		$547,128.27

The business of the late David M. Hubbell, Hoboken, N. J., will be carried on by Mrs. Katherine Hubbell.

WHY

Do We Get So Many Fine Pearls?

(1) Because we know their value. (2) Because we pay the highest prices for them.

¶ We are always in the market for the purchase of any quantity of best quality

AMERICAN PEARLS

Send them to us by registered mail or express.
We will make you a liberal **Cash Offer** by return mail.

BUNDE & UPMEYER CO.,

Mack Block, **MILWAUKEE, WIS.**

WE are receiving weekly shipments of desirable goods in all sizes and grades, at prices that will interest large buyers.

ARNSTEIN BROS. & CO.,

Importers and Cutters of

DIAMONDS,

65 Nassau Street, Corner John, NEW YORK.

LONDON, Audrey House, Ely Place. AMSTERDAM, 6 Tulp Straat.

Recent Decisions by Board of General Appraisers on Jewelry and Kindred Lines.

Decisions by the Board of United States General Appraisers, New York, in cases involving duties on jewelry and kindred lines, were last week announced as follows:

Brass Swivels Unfinished—Jewelry.—Protest of G. W. Sheldon & Co. against the assessment of duty by the Collector of Customs at Chicago. The merchandise was classified under the provision in Par. 434, Tariff Act of 1897, for jewelry or parts thereof, and was claimed dutiable under Par. 193 as manufactures of metal. Sharretts, General Appraiser: The merchandise in question consists of brass swivels, rough and unfinished. In their imported condition it is impossible to determine what their ultimate use may be. If for jewelry, they will have to be filed, polished and plated to become fitted for such use. By merely smoothing and burnishing, they will be adapted for use in the manufacture of novelties and articles of utility. In G. A. 6273 (T. D. 27055) this Board held that articles which in a partial or completed process of manufacture have assumed a form in which they are known in common parlance as parts of lockets, parts of necklaces, unfinished chatelaines, etc., would seem to be included within the dictionary or common understanding of the words "parts of jewelry." On the other hand, swivel clasps, links for chains, etc., in a rough state, the use of which as articles of utility or for jewelry purposes would depend upon the manner in which finished when imported, in their rough state would not be commonly known as jewelry or parts thereof. The swivels now upon appeal have not undergone the finishing process necessary to bring them within the common understanding of the term "parts of jewelry." We accordingly sustain the protest.

Combs With Celluloid and Metal.—Protest of G. La Touche against the assessment of duty by the Surveyor of Customs at St. Louis. The goods in controversy consisted of combs composed of celluloid and metal, set with glass or paste. Part were classified as articles of collodion under Par. 17, Tariff Act of 1897, and part as jewelry under Par. 434. Assessment affirmed except as to the goods classified as jewelry, which were held dutiable as manufactures of metal or paste, as claimed by the importers.

Brass Swivel Clasps.—Protest of G. W. Sheldon & Co. against the assessment of duty by the Collector of Customs at Chicago. Protest sustained on the authority of Abstract 11245 (T. D. 27348), relating to brass swivel clasps.

Manufactures of Pastes.—Protest of Nordlinger & Mamluck against the assessment of duty by the Collector of Customs at Providence. The articles consisted of imitation precious stones, which, by reason of ornamentation, were held to be excluded from the operation of Par. 435, Tariff Act of 1897, and to have been properly assessed as manufactures of paste under Par. 112.

Brooches.—Protest of L. P. Seibold against the assessment of duty by the Collector of Customs at Washington. Protest overruled on the authority of G. A. 6228 (T. D. 26914), relating to brooches.

Toy Watches — Jewelry — Mechanical Figures—Manufactures of Metal—Decorated China.—Protest of Geo. Borgfeldt & Co. against the assessment of duty by the Collector of Customs at New York. The Board held that match boxes, mechanical figures and birds in cages were properly classified as manufactures of metal under Par. 193, Tariff Act of 1897; that jewel boxes, composed in chief value of decorated china with metal mountings, were properly classified under Par. 96, relating to decorated china ware; that belt buckles made of polished steel points were properly classified as jewelry under Par. 434, and that certain watches were dutiable as toys under Par. 418, Tariff Act of 1897, as claimed by the importers, on the authority of G. A. 4480 (T. D. 21374).

Watch Holders not Watch Cases.—Protest of Mark Cross Co. against the assessment of duty by the Collector of Customs at New York. These protests related to metal holders such as are used in automobiles and carriages for holding watches. The importers contended that they were dutiable under the provision in Par. 191, Tariff Act of 1897, for watch cases. Protest overruled.

Imitation Pearl—Beaded Articles—Reconstructed Rubies.—Protest of Nordlinger & Mamluck against the assessment of duty by the Collector of Customs at New York. The Board held imitation pearls dutiable as imitation precious stones, and reconstructed rubies dutiable as precious stones, under Par. 435, Tariff Act of 1897, as claimed by the importers. Assessment affirmed in all other respects.

Chatelaine Bags.—Protest of Geo. Borgfeldt & Co. against the assessment of duty by the Collector of Customs at New York. Protest sustained as to a portion of the merchandise, consisting of chatelaine bags, which were held dutiable as manufactures of metal under Par. 193, Tariff Act of 1897, on the authority of Tiffany *v.* United States (131 Fed. Rep., 398; T. D. 25316).

Celluloid Combs—Coin Holders—Manufactures of Metal—Purses—Puff Boxes—Gun-Metal Pencils.—Protests of L. W. Levy & Co. against the assessment of duty by the Collector at New York. The merchandise, which was classified as jewelry, was claimed by the importers to be dutiable as manufactures of the component material of chief value. Protests sustained as to celluloid combs, coin holders, purses, chains, puff boxes composed of base metal and gun-metal pencils. G. A. 5902 (T. D. 25989), G. A. 6075 (T. D. 26507), and G. A. 6383 (T. D. 27423), followed. Protests overruled as to certain hat and automobile pins, lockets, neck chains, brooches, pendants, etc.

Bracelets Containing Watches.—Protests of Klipper Bros. against the assessment of duty by the Collector of Customs at New York. Protests overruled on the authority of G. A. 6015 (T. D. 26285), relating to bracelets containing watches.

Unfinished Fob Chains—Jewelry.—Protest of William H. Stiner & Son against the assessment of duty by the Collector at New York. The Board held unfinished fob chains to have been properly classified under Par. 434, Tariff Act of 1897, providing for unfinished jewelry.

Treasury Department Investigating Diamond Division of Appraiser's Office at New York.

An investigation of the precious stone department in the office of the appraiser of the port of New York has recently been begun as a direct result of the action which was taken in advancing the valuation of a quantity of cut stones imported by Eduard Van Dam. The investigation is directed against Gen. George W. Mindil, who has long been chief examiner of precious stones. The expectation is that the inquiry will conclude in a day or two, and that the verdict will promptly be made known by the Treasury Department.

Gen. Mindil's numerous friends in the trade are confident that the decision will be in his favor. They say he has done more than any other man to place the classification of the precious stones on a uniform basis that is fair to all, and that he is about the only man who has rooted out old evils.

Mr. Van Dam's importation arrived in August while Gen. Mindil was on his vacation and the office was in charge of his assistant, C. A. Treadwell. The advances made by Mr. Treadwell on the various packages were unusually heavy, ranging from 30 to 40 per cent., and in several instances even higher. Mr. Van Dam asked for a reappraisement and General Appraiser Sharretts substantially confirmed Mr. Treadwell's rulings. Thereupon the importer accepted the ruling and settled with the customs authorities, paying the extra duties and penalties, amounting approximately to $21,000.

Following this the officials of the Treasury Department decided to make a thorough inquiry in relation to the conduct of the precious stone department for some time past. The suspicion of Treasury Department officials seems to be that undervaluations may have been practised at this port.

Burton Parker, chief of the special agent force at Washington, came to New York Monday and began an inquiry, having received authority from Secretary Shaw to inspect all files, books, papers and other records.

General Mindil, when asked about the inquiry, declined to make any statement further than to express himself as having no fear as to the outcome.

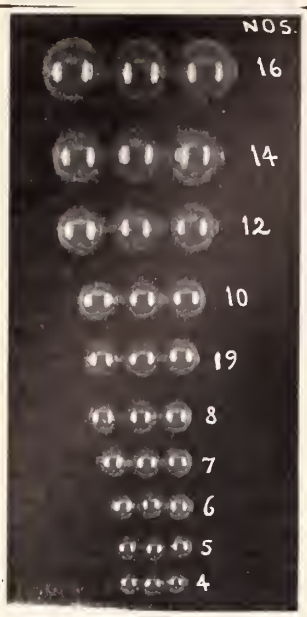
Death of James Marquand.

Toronto, Ont., Sept. 22.—James Marquand, Chatham, Ont., aged 82 years, who had been in the jewelry business in that city since 1853, died yesterday. Mr. Marquand's mother was a daughter of Col. James Lawrence, who was on Gen. Wolfe's staff at the time of the capture of Quebec.

Mr. Marquand was born in Charlottetown, P. E. I., but his earlier years were spent in Boston. He came to Canada in 1851, and two years later established himself in Chatham.

J. Funck, of Stoll & Funck, Lebanon, Pa., returned last week from a business trip to the east.

The Shoe City Loan & Jewelry Co., Portland, Me., has changed its firm name. It is now known as the Jewelry Co., Inc.



Why go to Paris when you can get the best that Paris makes in Jewelry at our office directly in New York?

Fish-Skin String Pearls

For thirty-five years this has been one of the features of our house. C. F. Quality at $3.60 dozen strings is the biggest value ever imported. Send for samples. Other qualities up to $25.00 a string.

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DIAMONDS LOOSE AND MOUNTED — CASES and MOVEMENTS ALL MAKES AND GRADES — JEWELRY GOLD AND PLATED

ORDERS SOLICITED FROM RESPONSIBLE JEWELERS. GOODS SENT ON SELECTION.

All our goods are either direct importations, our own manufacture or bought for cash, enabling us to offer special inducements in prices and terms.

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Importers.
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Don't throw damaged stones away; send to us for recutting or repairs.

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DIAMONDS and PRECIOUS STONES

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A LARGE ASSORTMENT OF DIAMOND MOUNTED JEWELRY CARRIED IN STOCK

9-11-13 MAIDEN LANE, NEW YORK.
100 STATE STREET, ALBANY, N.Y.

MEYEROWITZ BROS.,

IMPORTERS OF DIAMONDS,

37-39 MAIDEN LANE, NEW YORK CITY

A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
Telephone, 4577 John.

News Gleanings.

H. C. Brown, Olive, Ky., is now at Hardin, Ky.

T. R. Jones, Tempe, Ariz., has discontinued business.

Wm. A. Gellerson, Roxie, Me., has moved to Houlton, Me.

Kerr & Co., Ellendale, N. Dak., have been succeeded by Vado Kerr.

Wm. E. Koch, York, Pa., recently sold his business to Myers Bros.

E. H. Freeman, Blairstown, N. J., has been succeeded by John Knox.

Thos. Grayson was recently arrested in Martinsburg, W. Va., for selling bogus jewelry.

Barrick & Robinson's general store, Morrison, Ia., was recently robbed of a small quantity of jewelry.

Ed. M. Brown, Flagstaff, Ariz., was a visitor in Williams, Ariz., last week, on business and pleasure.

Jouett Simpson has sold his interest in the business of Bowen & Simpson, Winchester, Ky., to Mr. Whitehead, of Frankfort.

Wm. Haydon, Jr., Benton Harbor, Mich., about Oct. 1 will move his stock into larger quarters, which will be renovated and fitted up for his use.

D. B. Davies, of Knapp & Davies, Nelson, Nebr., recently sustained a loss by a fire which destroyed a barn and coal house owned by him.

J. H. Ellett, with J. M. Henwood & Co., Binghamton, N. Y., won the first prize, a silver loving cup, for the best decorated boat in the river fete Wednesday morning.

Berne Powell, who recently purchased the interest of his partner, Edward Kreyer, Fort Scott, Kans., contemplates opening a larger store in the same place about Oct. 1.

Eugene W. Brannon, who has been connected with the Thompson Brannon Co., Ashville, N. C., has resigned that position and is no longer connected with the company in any capacity.

John Harris, charged with the larceny of jewelry from the store of W. W. Bugg, Jackson, Mich., was arraigned in the Circuit Court at that place about a week ago and pleaded not guilty.

The Huteson-Hannay Optical Co., Seattle, Wash., has been incorporated under the laws of Washington with a capital of $10,000. J. C. Huteson is president and J. K. Hannay, secretary and treasurer of the concern.

L. Voigt, Jr., Roanoke, Va., has awarded the contract for the construction of a new building at Campbell Ave., adjoining the American Bank at that place. The building will be of brick, with ornamental brick and terra cotta front, and three stories high. Mr. Voigt will occupy the first floor with his jewelry establishment.

L. Chiltas, a Greek, was arrested in Chico, Cal., recently, on a charge of theft preferred against him by Wm. Dupen, a jeweler of that city, who claimed that a silver watch had been taken from the store. The timepiece was found on Chiltas when he was searched at the police station. A revolver was also taken from him.

The stock of Curran Bros., Zanesville, O., will be sold at auction at 10 A. M., Oct. 11, for the benefit of creditors. Chas. M. Ludman is trustee of the estate. The assets have been appraised at $11,929. The partnership was dissolved, June 6, 1904, when Curran gave Anna A. Curran a note for $4,500, no notice of dissolution being given to creditors, it is alleged.

The annual meeting of the Pennsylvania Optical Society will be held in Parlor No. 1, Continental Hotel, 9th and Chestnut Sts., Philadelphia, Pa., Tuesday evening, Oct. 9, 1906, at 8 o'clock. The annual business meeting and election of officers will be followed by a discussion on the advisability of having an optometry bill introduced into the next State Legislature. H. L. De Zeng will give a demonstration on the practical use of his new opthalmoscope and luminous retinoscope. The meeting will be concluded with the serving of refreshments.

An application for the dissolution of the Phiels Anniversary Clock Co., Woodville, O., was filed in the Court of Common Pleas at that place a short time ago. The concern was incorporated with a capital of $50,000, divided into 5,000 shares of $10 each, over 4,000 of which have been sold. E. R. Voorhies has been appointed referee in bankruptcy. All persons interested in the concern are requested to show cause, if they have any, before Dec. 18 next, why the corporation should not be dissolved.

Omaha.

T. L. Combs attended the Shrine meeting at Des Moines, Ia., last week.

A. W. Taylor, formerly of Oakland, Ia., has moved to St. Edward, Nebr.

S. W. Lindsay has returned from a visit in Grand Rapids, Mich., and Chicago.

Warren M. De Camp, watchmaker for Henry Copley, has gone to Chicago on business.

C. H. Janssen, of the Shook Mfg. Co., is rejoicing over the advent of a baby girl at his home.

R. L. Swobe, Powell, Nebr., has added a nice line of jewelry to his stock of general merchandise.

C. P. Martin, of Kirwin, Kans., has bought the business of R. H. Trusdle, of that place.

George Thorpe, of Thorpe & Hoberg, Sioux City, Ia., was in this city, last week, on a purchasing trip.

William H. Rees, formerly watchmaker for the Mawhinney & Ryan Co., has gone to Seattle, Wash., where he will locate permanently.

W. H. Booth, Sioux Falls, S. Dak., was in Omaha, last week, buying stock and visiting his brother, C. O. Booth, with the Mawhinney & Ryan Co.

Rollin S. Church, Chicago, assistant watch inspector for the C. & N. W. R. R., the C. M. & St. Paul R. R., the W. C. R. R. and the F. C. & M. V. R. R., was in this city last week.

Mrs. Rutherford, wife of the manager of the clock department of Cowell & Hubbard, Cleveland, O., is in this city at present visiting her brother-in-law, W. K. Valhome, of the Shook Mfg. Co.

Out-of-town buyers in this city during the past week included Hilmar G. Anderson, Fremont; Frank Comte, Springfield; Mr. Wood, Petersburg; O. C. Zinn, Hastings; C. F. Collins, Dunbar; W. H. Pohle, Hartington; J. Crabill, Plattsmouth, and T. L. Furnald, Carrol, Ia.

Indianapolis.

A. P. Craft, of the A. P. Craft Co., has just returned home from Wisconsin.

Local jobbers have been informed that H. W. McFarland has purchased the store of J. P. Webster, Logansport, Ind.

Emma Binsac, for many years with Horace A. Comstock, has given up her position and gone to her home in Oakland, Cal.

Carl L. Rost, of this city, recently came into possession of a large fresh water pearl which resembles a bird in form. He received it from a pearl hunter at Vincennes, Ind.

A petition in voluntary bankruptcy has been filed in the United States Circuit Court by Perry E. Gross, 348 W. Washington St. The liabilities are given as $2,766.77, and the assets as $2,665. All claims are unsecured. The largest creditor is Milton Ochs & Co., Cincinnati, whose claims aggregate $1,184.75. Other creditors are Mendel Berman & Co., Isaac Strauss & Co., and J. M. Platt Jewelry Co., all of Cincinnati.

Because of a shortage found in his accounts by expert bookkeepers, J. C. Taylor, manager for J. C. Sipe, diamond merchant, has given up his position and gone to California. Mr. Sipe says that the shortage found amounted to $3,745. Mr. Sipe had been away for several months, during which time Taylor was in complete charge of the store. Returning to Indianapolis, Mr. Sipe engaged expert accountants to go over the books. When the shortage was discovered Taylor turned his home over to Mr. Sipe. This came near clearing up the indebtedness. Taylor was under $10,000 bond. Mr Sipe declined to prosecute.

Pacific Northwest.

Hall & Co., Puyallup, Wash., have added new show cases to their store.

Irving Born, Lind, Wash., who has been ill for some time, has gone to Spokane for treatment.

A. J. Metzger, Corvallis, Ore., has just installed handsome plate glass show cases in his store.

C. W. Ware, watchmaker and jeweler, formerly of Seattle, is preparing to open a store in Garfield, Wash.

C. A. Lindauer, Seattle, was in Granger, Wash., recently, looking over the town with a view of establishing a jewelry and watchmaking business at that place.

C. H. Williams has moved his stock to the Merrifield building, at Condon, Ore. He has replaced his old fixtures with new ones of weathered oak finish, and has fitted up an optical parlor.

Herman Siegrist, of Siegrist & Co., La Grande, Ore., has left for Lewiston, Idaho, where his company has opened a modern store, of which Mr. Siegrist will take exclusive charge at once. The store in La Grande, Ore., will be managed by William Siegrist.

Kristian Falkenberg, Walla Walla, Wash., who is contemplating the removal of his stock, has instituted a novel guessing contest. A $30 diamond ring will be given to the first person who correctly answers the question, "Who is going to move to 42 E. Main St.?"

LeVerne Hanes will continue the business of the late Wilson Hanes, Clayville, N. Y.

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds Other Precious Stones, and Pearls, Diamond Jewelry

1840, Randel & Baremore; 1866, Randel, Baremore & Co.; 1880, Randel, Baremore & Billings; 1897, Chester Billings & Son

New York, 58 Nassau Street, 29 Maiden Lane
London: 22 Holborn Viaduct, E. C. Paris: 53 Rue de Chateaudun
Amsterdam: 2 Tulp Straat

NOW READY

New and Attractive Line of

BRACELETS
COLLARETTES
PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

EDUARD VAN DAM

My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

Bank References Given

Everyone knows that I pay more for

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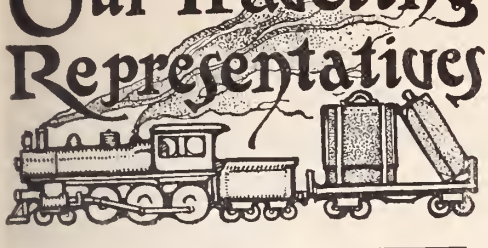
than any other firm.

Maurice Brower

12-16 John St., New York

Telephone, 6233 Cortlandt

Our Traveling Representatives



I. C. Jones, coast representative of Chas. L. Trout & Co., New York, visited the trade at Hood River, Ore., recently.

Frank H. Scott, Montreal representative of several English houses; Mr. Birchell, John Rowand & Co., Sheffield, Eng., and Mr. Green, Cooper Bros., Sheffield, Eng., were in Toronto, Ont., last week.

Among the salesmen in Louisville, Ky., last week, were: George W. Beardsley, Allsopp & Allsopp; Irving J. Schwartz, L. Barnett & Co.; John J. Murray, Higbie-Barbour Mfg. Co.; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; M. Rosenbaum, Rosenbaum & Adler; Fred D. Smith, Reeves & Browne; Morris Lissauer, Zach. A. Oppenheimer; Edw. L. Johnson, R. M. Johnson & Son; Henry H. Busby, Willard & Willard; T. S. Sturgis, Perly Bros.; E. A. Guenther, Schwarzkopf Mfg. Co.; H. F. Lambard, Gorham Co.; Mr. Whitmarsh, Alvin Mfg. Co.; Mr. Seligsberger, Adelphi Silver Co.

Among the traveling representatives in Lancaster, Pa., last week, were: George S. Mclville, F. B. Rogers Silver Co.; William G. McIlvaine, A. R. Justus & Co.; Willis Ehlers, Ehlers & Co.; H. A. Platt, Reese & Yankauer; D. G. Stiles, Aikin, Lambert & Co.; Thomas D. Bailey, Robert S. Gatter; Harry J. Bruder, H. L. Kilner & Co.; Eugene L. Marsh, David Baskin; Paul Gesswein; F. C. D. Bonnar, F. & F. Felger; William McGill, Wm. B. Kerr Co.; W. F. Upham; John D. Battin, Battin & Co.; H. H. Bennett, Swiss Watch Import Co.; L. A. Burt, R. Wallace & Sons Mfg. Co.; Henry H. Halbert, Kohn & Co.; Ernest Petry, Krementz & Co.; Fred Lapham, Carter, Howe & Co.; Lewis Glick, Hammel, Riglander & Co.; C. P. Ledos, Ledos Mfg. Co.; Morris Friedman, Morris Friedman; Mr. Fink, Jonas Koch.

Traveling salesmen visiting Boston, Mass., during the week, included: E. E. Stockton, manager of the E. Ingraham Co.; Lucien M. Zell, American Gem & Pearl Co.; Samuel Howland, Joseph Frankel's Sons; Mr. Batcheller, Frank Kursh & Son Co.; M. Goodfriend, Goodfriend Bros.; V. S. Chapman, Osmun-Parker Mfg. Co.; A. G. Van Houten, C. Sydney Smith & Co.; W. H. Thornton, Henry A. Kirby; J. A. Bechet, Woods & Chatellier; Mr. Huger, William Huger & Co.; Charles Theurer, Crane & Theurer; E. H. Eckfeldt; R. W. Simpson, Riker Bros.; Mr. Neuman, Alling & Co.; Frank T. May; Wallace Campbell, Day, Clark & Co.; Mr. Tinckler, Bride & Tinckler; H. C. Barnum, Shafer & Douglas; John A. Lasell, Unger & Christl; Mr. Jurgens, Snow & Westcott.

Among the traveling representatives who called on the trade in St. Louis, Mo., last week, were: George B. Ross, Robert H. Ingersoll & Bro.; E. A. Moore, American Ring Co.; Julius S. Mayer, Mauser Mfg. Co.; James R. Palmer, Henry A. Kirby; A. J. Sherrard, Enos Richardson & Co.; W. H. Gregory, Strobell & Crane; E. A. Reed, Reed & Barton; C. T. McKenna, Kelly & Steinman; Charles F. Sexton, William L. Sexton & Co.; Mr. Washbourne, Graff, Washbourne & Dunn; R. H. Schley, Sloan & Co.; Jules F. Schuman, Jr.; William Kinscherf Co.; John J. Moffitt, Battin & Co.; Charles E. Lochner, Hayes Bros. Co.; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; Leonard James Fox, Gustave Fox Co.; E. B. Sweetser, Sweetser Co.; Mr. Hartshorn, Krementz & Co.; L. Seligsberger, Adelphi Silver Co.; F. R. Horton, Carter, Howe & Co.

Traveling representatives who visited the trade in Omaha, Nebr., last week, included: C. Hauser, Bawo & Dotter; W. S. Dudley, International Silver Co.; C. M. Newcomb, Maple City Glass Co.; J. Thornton, Hayden W. Wheeler & Co.; George Southwick, Payton & Kelley Co.; F. H. Wilkinson, A. Wittnauer Co.; Mr. Fox, Fox & Co.; Geo. C. Pugh, Obio Cut Glass Co.; Henry W. Sherrill, Sinnock & Sherrill; W. Sumner Blackinton, S. O. Bigney & Co.; W. N. Brooks, Traub Jewelry Mfg. Co.; Mr. Singleton, Adams & Singleton; J. H. Miller, Chester W. Billings & Son; S. Smith, Hamilton & Hamilton; W. N. Brooks, Brown & Mills; Joseph Rifkin, L. Heller & Son; Rudolph Noel, Rudolph Noel & Co.; Walter R. Shute, Kohn & Co.; J. K. Carlisle, Follmer, Clogg & Co.; Chas. A. Rotholz, Jacob Weintraub; Mr. Sherman, estate of O. M. Draper; H. B. Kline, Stott Bros.; W. N. Brooks, Simons Bro. & Co.; Mr. Fry, Fry Bros.; H. M. Carle, Keystone Watch Case Co.; A. H. Clinger, T. G. Hawkes & Co.; C. W. Edwards, E. A. Dayton; Nelson Hagnauer, Eisenstadt Mfg. Co.

Among the traveling representatives who, recently, visited the trade in Detroit, Mich., were: Harold T. Tinckler, Bride & Tinckler; Julius S. Mayer, Mauser Mfg. Co.; H. N. Van Bergen, Snow & Westcott; Wm. Huger, Wm. Huger & Co.; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; P. W. Smith, Roger Williams Silver Co.; W. S. Dudley, International Silver Co.; Carl H. Weidemann, Borrelli & Vitelli; I. L. Gross, Knickerbocker Silver Co.; Mr. Singleton, Adams & Singleton; L. Strauss, C. P. Goldsmith & Co.; F. C. Allen, Sansbury & Nellis; Morris Lewkowitz, D. Ullman & Co.; G. W. Bleecker, Martin, Copeland & Co.; Albert Ginzberg, Eliassof Bros. & Co.; Walter S. Noon, Cory Bros. Co.; F. L. Pettee, Waterbury Clock Co.; A. R. Varian, Dennison Mfg. Co.; Wm. Hanauer, Wm. Demuth & Co.; Fred A. Wheeler, Non-Retailing Co.; Mr. Peck, Crossman & Co.; Frank F. Young, Hartford Sterling Co.; Mr. Hickok, Gorham Mfg. Co.; Charles S. Down, F. H. Cutler & Co.; W. H. Cushman, Woodman-Cook Co.

The following traveling representatives called on the trade in Kansas City, Mo., during the past week: Harry H. Miller, Hutchison & Huestis; S. H. Lesser, Manhattan Silver Plate Co.; F. L. Pettee, Waterbury Clock Co.; J. W. Stoneburner, Capron Co.; N. Schweder, E. G. Webster & Son; J. B. Stokes, Van Dusen & Stokes Co.; S. J. Gaspar, O. F. Egginton Co.; George L. Brenning, Dennison Mfg. Co.; R. H. Schley, Sloan & Co.; A. M. Brinckle, C. F. Monroe Co.; John J. Moffitt, Battin & Co.; W. B. Howe, Bradley & Hubbard Mfg. Co.; F. R. Horton; Mr. Peck, Crossman & Co.; W. H. Gregory, Strobell & Crane; A. F. Diener, Ferd. Fuchs & Bros.; Chas. E. Bride, Bride & Tinckler; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; Chas. E. Lochner, Hayes Bros. Co.; Walter R. Shute, Kohn & Co.; George Craven, Chas. H. Elliott Co.; C. F. Hartshorn, Krementz & Co.; E. A. Dorrance, Traub Jewelry Mfg. Co. and Simons Bro. & Co.; Chas. Rotholz, F. & M. Weintraub and Jacob Weintraub; Wm. T. Smith, International Silver Co.; Emil Pick, Hammel, Riglander & Co.; Mr. Fox, Fox & Co.; Mr. Clinger, T. G. Hawkes & Co.

Traveling representatives who visited the Cincinnati, O., trade, during the past week, included: R. H. Schley, Sloan & Co.; William Froehlich, Manasseh Levy & Co.; M. Berford, W. F. Upham; C. H. Davison, Codding & Heilborn Co.; Mr. Hartshorn, Krementz & Co.; H. N. Van Bergen, Snow & Westcott; Geo. W. Beardsley, Allsopp & Allsopp; Albert M. Stern, Goodfriend Bros.; R. M. Peare, Wm. L. Gilbert Clock Co.; C. V. Schuyler, Dominick & Haff; W. H. Osborne, R. Wallace & Sons Mfg. Co.; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; William Huger, William Huger & Co.; John J. Murray, Higbie, Barbour Mfg. Co.; Lewis P. Cook, S. Sternau & Co.; E. A. Reed, Reed & Barton; Fred D. Smith, Reeves & Brown, F. S. Sturgis, Perley Bros.; Mr. Curran, A. J. Hedges & Co.; Max L. Potter, J. L. Fisher & Co.; Mr. Bloomer, E. I. Franklin & Co.; Mr. Oakley, Thornton Bros.; Mr. Cobb, Daggett & Clap Co.; Mr. Rogers, C. H. Cooke Co.; Fred L. Pettee, Waterbury Clock Co.; T. K. Benton, George W. Parks Co.; E. T. McKenna, Kelly & Steinman; W. M. Hodges, Will & Baumer Co.; Emil Herbeck, Herbeck & Demer Co.; Henry Delerson; William B. Pedo, Waite, Thresher Co.; Walter R. Bristol, Wm. Rogers Mfg. Co.; L. Gugenheim, M. Gugenheim; Leo Henle, Sussfeld, Lorsch & Co.; C. L. Derby, J. A. Wright & Co.

The following traveling representatives visited the trade at Pittsburg, Pa., last week: J. E. DeWyngaert, Scofield & DeWyngaert; Mr. Rogers, C. H. Cooke Co.; Frank S. Ottley, Riker Bros.; O. G. Fehon, J. M. Fisher & Co.; F. E. Winship, H. C. Fry Glass Co.; E. A. Reed, Reed & Barton; W. H. Osborne, R. Wallace & Sons Mfg. Co.; Fred T. Barry, S. O. Bigney & Co.; J. T. Griffith, Jr., Carter, Howe & Co.; J. A. Becht, Woods & Chatellier; V. L. Burgesser, Krementz & Co.; L. A. Lawton, H. M. Quackenbush; A. H. Oakley, Thornton Bros.; Wm. B. Peck, Waite, Thresher Co.; F. C. Staudinger, C. Weller & Co., Henry Delerson; J. C. Bigalke, Bigalke & Eckert Co.; Fred J. Foster, Unger Bros.; Mr. Heyman, Stern Bros. & Co.; Mr. Kaufman, Bernard Rice's Sons; Edward O. Krauss, Western Watch Case Mfg. Co.; F. P. Kennedy, Paye & Baker Mfg. Co.; P. A. Wilkinson, J. J. Sommer & Co.; A. L. Halstead, Barbour Silver Co.; W. R. Eliot, Meriden Cut Glass Co.; Mr. Fisher, Furbish, Swift & Fisher; Walter R. Bristol, Wm. Rogers Mfg. Co.; Geo. A. Allsopp, Jr., Allsopp Bros.; D. Skutch, New Haven Clock Co.; F. D. Newburger, R. Blackinton & Co.; Harry Caro, Manchester Mfg. Co.; Emil Herbeck, Herbeck-Demer Co.; Mr. Hopkins, H. P. Sinclair & Co.; Wilbur C. Cook, Keystone Watch Case Co.; A. F. Diens, Ferd. Fuchs & Bros.; Mr. Macpherson, C. Ray Randall & Co.; J. M. Morrow, American Watch Case Co.; Lewis P. Coe, S. Sternau & Co.; L. M. Frank, Buffalo Jewelry Case Co.; Leo Goldsmith.

North Attleboro.

Charles H. Peckham, of J. H. Peckham & Co., came back from the west last week.

A. Fenner Hawkins, who for 50 years was employed in the concerns of Tifft & Whiting and Whiting & Davis, died at his home in Plainville last week.

Artner Chace, western salesman for F. S. Gilbert, was summoned home last week because of the death of his mother. He was in Ohio when the news reached him.

Providence jewelry manufacturers have had representatives in town during the past week endeavoring to secure some skilled labor. In some instances they have been successful.

J. F. Sturdy's Sons have given out the contract for the erection of a fair sized addition to its Robinsonville shops. It will be a one story wooden structure, and will be used by Sturdy & Sons.

The Jewelers' Bowling League was organized Thursday evening with a membership of six clubs. The final make-up of the league will be: George L. Paine Co., H. F. Barrows Co., Riley & French, F. M. Whiting Co., Paye & Baker Mfg. Co. and Scofield, Melcher & Scofield. The schedule calls for the opening games to be rolled this week.

At the request of the manufacturing jewelers, Postmaster Hunt has made application to the postal authorities for a mail to leave North Attleboro an hour later for New York and the west. At the present time the last mail out is at 7.15, and the manufacturers want to have it extended an hour later. This will be a great benefit, they say.

E. Suzuki, Tokio, Japan, the representative of the large jewelry concern "Tenshodo," of which Kingora Ezawa is proprietor, was the guest of John P. Bonnett and Dr. E. E. Hale last week. He came to place some large orders with local concerns. The proprietor of the concern, who owns six stores throughout the kingdom, visited this country last year and made the acquaintance of local jewelers.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

		New York.	*London.*
Sept.	18	$.67⅞	31 5-16d.
"	19	.68	31 1-2d.
"	20	.68⅛	31 9-16d.
"	21	.68	31 1-2d.
"	22	.68⅜	31 11-16d.
"	24	.68½	31 3-4d.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS.

Precious Stones and Pearls.

170 Broadway, Corner Maiden Lane, New York.

27 Holborn Viaduct, London.

Saunders, Meurer & Co. Cutters and Importers of

DIAMONDS AND OTHER PRECIOUS STONES

FINE PEARLS A SPECIALTY.

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Chas. L. Power & Co., Cutters and Importers,

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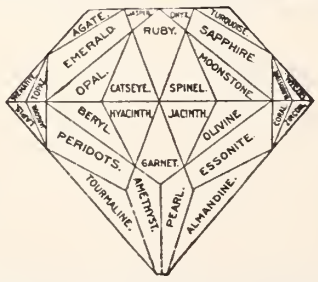
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IMPORTERS AND CUTTERS OF PRECIOUS AND IMITATION STONES.

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5 SQUARE de l'OPÉRA, PARIS, FRANCE

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In order that his customers may enjoy the favorable opportunities that arise when they are not in the market, "Gemfinder" will, on his own account, pick up any desirable goods obtainable in European markets at attractive prices. His customers shall have the benefit of his expert selections at a mere commission above the purchase prices.



Patented Aug. 22, 1906.

HAVE YOU SENT FOR SAMPLES?

Any jeweler of standing can have samples of our

New "F.O.E." Lapel Buttons

for examination if he will but drop us a request by mail.

A right clever design, combining symbolism with attractiveness, and rapidly approaching the famous Elk head insignia in the matter of popularity.

Made in three sizes, splendidly finished, with or without initials.

LOUIS KAUFMAN & CO.

RINGMAKERS

82-84 Fulton St., New York

LKO **SHORTHAND FOR RING SUPERIORITY**

Providence.

Among buyers in town during the past week were Richard Hahn, New York; G. Friendlich, Baltimore, and Thomas Lyons, New York.

The fund for the silver service for the battleship *Rhode Island* is steadily growing, and the successful culmination of the project is now assured.

Among the imports at the port of Providence, last week, were three packages of imitation precious stones from Bremen, and one of the same variety from Havre.

The trustee of Frank T. Pearce & Co., was authorized by the Referee in Bankruptcy, last week, to dispose of the book accounts of the concern for not less than $2,000.

W. H. Luther, of Wm. H. Luther & Son, who is chairman of the Board of Police Commissioners, is taking a much-needed rest from his official duties, which have been particularly arduous all summer.

It is reported that a large jewelry manufacturing concern in New York is negotiating for a plant in a building on S. Main St. Details and names are not being divulged for obvious reasons, pending the completion of the deal.

The Westmacott Gas Furnace Co., which manufactures furnaces for jewelers, silversmiths and other metal workers, was incorporated, last week, with a capital stock of $16,000. The concern will still do business at the same old location.

The dearth of jewelry workers still continues and the problem is one that is causing the local manufacturers no little uneasiness. More work than there are workers is the condition of affairs confronting the jewelers at the present time.

Councilman George H. Parks is being mentioned as an aldermanic possibility in the event of the withdrawal of the present alderman in the First Ward. Councilman Parks holds important committee positions in the lower branch and his advancement to the upper body is regarded favorably.

Col. S. P. Colt, president of the United States Rubber Co., and the Industrial Trust Co., was presented with a dozen silver plates of handsome design, the product of the Gorham Mfg. Co., last week, as a souvenir of the dinner recently given by him to a number of friends at the Squantum Club.

At the meeting of the Jewelery Workers' Union, last Wednesday evening, George E. Brady, delegate to the convention of the Rhode Island Branch of the American Federation of Labor, presented his report of the work done at the convention in Pawtucket, the same being received as satisfactory.

Dispatches from Philadelphia contain the information that Frank N. MacLeod, western salesman for the Brown & Sharpe Mfg. Co., is to wed Miss Helen Wood, of that city. Miss Wood is the daughter of a wealthy ironmaster of Philadelphia, while Mr. MacLeod is a resident of East Providence, and is well known throughout manufacturing and business circles.

Aldridge G. Pearce, son of Frank T. Pearce, recently sent out notices to the effect that he had made arrangements whereby the manufacture of gold pens, etc., as heretofore conducted by F. T. Pearce & Co., will be continued by him at the firm's old location, 85 Sprague St. The new concern is known as the F. T. Pearce Co., of which A. G. Pearce is the treasurer.

J. H. Harmstone, designer for the Watson & Newell Co., Attleboro, has been chosen to take charge of the department of jewelry designing at the Rhode Island School of Design, to succeed Joseph Aranyi, who resigned to follow a special line for himself in New York. Mr. Aranyi was designer for the Ostby & Barton Co. Mr. Harmstone was formerly employed by the Gorham Mfg. Co., and Tiffany & Co., New York.

Isaac Davidson and Harry, or Henry Davidson, who were recently detained without cause by the New York police as "suspicious persons," were well known to jewelry workers here, where they did business as Davidson Bros. The firm was located at 185 Eddy St. up to December, 1904, having established its business in this city two years prior to that time. The fact that the doors of the place were kept locked most of the time, and that little activity was manifested by the concern, led the firm finally to withdraw from business here.

As a result of the complaints made by Theodore W. Foster and other prominent automobilists, the Warwick Town Council, at its last meeting, removed special automobile officer Charles B. Locke, who had been making life miserable for automobilists who passed through the town. Mr. Foster was charged with overspeeding his machine, and as he knew that he was running at a legal rate, he refused to be forced into paying a fine and took summary action, along with a number of other victims, to secure justice.

The Rhode Island Branch of the American Federation of Labor adopted, at its convention, held in Pawtucket, last week, the following resolution:

Whereas, The International Jewelry Workers' Union of America is attempting to organize the jewelry workers of Providence into separate locals, representing the different branches of their craft, with the idea of allowing each branch to conduct their own business under the jurisdiction of a joint committee composed of delegates of such locals; be it hereby

Resolved, That the Rhode Island State Branch of the American Federation of Labor indorse such action and lend all possible assistance in organizing the jewelry workers of Providence.

Louisville, Ky.

TRADE CONDITIONS.

The Kentucky State Fair is being held here this week, and this being the rebating season of the Retail Merchants' Association, the fair has brought large crowds to town, making business much better than usual.

Geo. Wolf & Co. supplied two fine prizes for the Kentucky State Fair.

Milton Thalheimer, of Thalheimer & Frank, has returned to Denver, Colo., on account of his wife's health.

Twenty-two handsome cups and platters are being designed and furnished by Geo. Wolf & Co., J. K. Lemon Son and George Reiger for the Kentucky Horse Show, to be held Oct. 1. The pieces all bear the trademark of the Horse Show Society etched on one side and the names of the donors, the winners and classes, on the reverse.

Attleboro.

TRADE CONDITIONS.

An incident, unprecedented in its way, occurred last week to demonstrate more forcibly than ever the remarkable pressure under which the manufacturing jewelers are doing business. One large company found its factory inadequate to turn out the goods ordered, even with the night work which has now become a steady thing with all the shops. Its advertisements for more help and its system of work sent out to be done in the homes, also failed to wholly solve the problem. The emergency has been met by opening a branch factory in Franklin, one of three towns to the north of Attleboro. Franklin is a factory community, but with plants devoted to other industries than jewelry. It has been found possible, however, to enlist a working force with enough skill of hand to do the kind of work required, and the venture has proven a help in a time of stress. The company only stands as a sample of the general conditions. The records of past seasons might be searched in vain for a duplicate of the newspaper advertising campaign for help now going on. The case has not called for the importation of skilled help from other jewelry centers so much as an army of unskilled or merely part-skilled workers from all over this part of the State, to do routine work. Night after night the incandescent bulbs glow in the shops, in an effort to keep pace with the volume of business.

E. Suzuki, Tokio, Japan, paid a brief visit to the city last week to place orders.

H. M. Lane, of the Chicago office of Reed & Barton, was at the home office last week.

Harold Angell has been appointed in charge of the Chicago office of Cummings & King.

Damage to the extent of rather less than $500 was done in the factory of the Frank Mossberg Co. last week, the blaze starting in the forge room.

Orlando W. Hawkins, of O. W. Hawkins & Co., has been successful in enlisting the co-operation of the selectmen in getting increased trolley car service between 6 and 7 in the morning to accommodate the thousands of jewelry factory operatives dependent upon that form of transportation.

A bowling league was organized last week by teams from J. M. Fisher & Co., the Attleboro Mfg. Co., Bates & Bacon, Fontneau & Cook Co., C. A. Marsh & Co., F. W. Weaver & Co., Regnell, Bigney & Co., Carter, Qvarnstrom & Remington, W. E. Richards & Co., and the Watson & Newell Co.

The big cement factory building of the D. F. Briggs Co. is closed in, and mention has been made in the past of at least two, and possibly three, big structures which will be erected near the center for rental. These last particularly meet the demand of numerous young, ambitious men who would be willing to make a start, but who cannot afford to buy or build factories, nor to rent large quarters.

The nomination of members to the lower branch of the State Legislature takes place this week. Charles E. Bliss, formerly of Bliss Bros., now retired, is a Republican aspirant. The Republican Town Committee organized for the Fall campaign last week, giving delegateships to Edward A. Sweeney, of the W. H. Wilmarth Co.; Harry P. Kent, of the F. W. Weaver & Co.; Everett S. Horton, of the Horton, Angell Co.; J. Thos. Inman, of the J. T. Inman Co.; Hon. Sidney O. Bigney, of S. O. Bigney & Co.; Samuel M. Einstein, of the Attleboro Mfg. Co.; Frank W. Weaver, of F. W. Weaver & Co.; Albert S. Ingraham, of A. S. Ingraham & Co.; Alfred R. Crosby, of Smith & Crosby.

ADDISON W. WOODHULL, President.
FRANK K. HUFF, Vice-President.

GILBERT T. WOODHULL, Treasurer.
WILLIAM J. McQUILLIN, Secretary.

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OTHER PRECIOUS STONES,
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RUBIES AND SAPPHIRES.

CABLE ADDRESS:
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Pearl Necklaces and Collarettes.

Mounted Diamond Jewelry of every description.



Large assortment of all kinds of very fine, fancy and rare gems, including Pearls, Diamonds, Rubies, Emeralds and Sapphires.

Particularly Fancy Colored and Fancy Shaped Diamonds.

New Stores and Enterprises.

J. C. Guy is about to begin business in Carroll, Ia.

R. L. Swohe, Powell, Nebr., has added a line of jewelry to his general stock.

John Hale recently completed arrangements to start in business in Detroit, Nebr.

A new jewelry and optical store was opened recently in Bradford, N. Y., by W. Lane.

E. V. Fite has rented quarters in Gastonia, N. C., where he will shortly engage in business.

C. W. Ware, formerly of Seattle, Wash., is preparing to open a jewelry store in Garfield, Wash.

Chas. Sauer expects to commence business on his own account in Aberdeen, S. Dak., about Oct. 15.

F. N. Gassett, formerly a watchmaker in Bridgewater, Mass., has started in business in that town on his own account.

T. C. Mower, formerly of Findlay, O., has moved to Wheeling, W. Va., where he will engage in business for himself.

The Jewelry Palace is the name of a new store at the corner of Fillmore and Golden Gate Aves., San Francisco, Cal.

Charles John has commenced business in Enid, Okla. He was formerly in the employ of the Meyer Jewelry Co., Kansas City, Mo.

D. Wells, a former student of the Ezra F. Bowman Technical School, Lancaster, Pa., has returned to Hagerstown, Md., to engage in business for himself.

C. H. Harris, formerly of Portsmouth, O., is now engaged in the optical business in Chattanooga, Tenn., having secured a three years' lease at 13 E. 8th St., in that place.

Mr. Kinsler, formerly with L. C. Eisenschmidt & Bro., Newport, Ky., has opened a retail jewelry store at 722 Madison Ave., Covington, Ky., under the firm name of Kinsler & Co.

The Petter Jewelry Co., Hannibal, Mo., was incorporated last week with a capital stock of $6,000, all paid in. The incorporators were George and Hattie A. Petter and David A. Hay.

W. A. McDonald, who until recently had been employed as a watchmaker and engraver in the store of J. Kiel, Clinton, Mo., contemplates engaging in business on his own account at that place.

The Alumni Association of the Rochester School of Optometry met Tuesday evening of last week, at the office of Milton Goodman, in the new Fornwall building. After the regular routine business J. C. Burchard read a paper on "The Correction of Myopia," which was followed by a lengthy discussion. The remainder of the evening was devoted to a social chat.

Capt. Henry Lomb, of the Bausch & Lomb Optical Co., this year more than duplicated his generous gift of former years in giving the sons and daughters of soldiers scholarships in the evening classes of the Mechanics' Institute. Any member of a Grand Army post or a member of a family of a member of a post is entitled to a scholarship. This announcement was made at a special meeting of the patriotic organizations, held last week in Richester, N. Y.

Philadelphia.

Nearly all the leading wholesale houses were closed, last Thursday, in observance of Rosh Hoshonna.

Samuel J. Lyons, 4082 Lancaster Ave., awarded a contract, last week, to install in his store a hot air heater.

H. W. Asquith proposes to open a retail store on Chelton Ave., near Main St., Germantown, about the first of the month.

A. W. Grimley, 4618 Lancaster Ave., sold out his retail store, last week, to T. A. Lawrence, formerly of Parkersburg, Pa.

Harry Gold, formerly of Bedford Springs, Pa., has accepted a position as watchmaker with Wm. Gibbons, 5 S. 40th St.

M. E. Harmstead, watchmaker, for Rudisill Bros., Altoona, Pa., spent a few days in this city, last week, combining business and pleasure.

Harry Barry, with Morris Sickles & Sons, was confined to his home the latter half of the week on account of the serious illness of his two children.

This city's trade was formally notified, last week, that the business heretofore carried on in Dover, Del., under the firm name of Eding & Wolcott, has been changed to A. G. Wolcott.

It is announced that George A. Oliver, one of the leading retailers in Burlington, N. J., has leased the store formerly occupied by the late Frank H. Fry, and will soon move into it.

Bernard Italie, of the Koshland & Italie Co., closed his Summer home at Collingswood, N. J., last week, and removed for the Fall and Winter to 1512 N. Broad St., The members of the firm spent Thursday at the Allentown fair.

Isaac Press & Son, who have attractive retail stores at 819 S. 2d St., and 149 N. 8th St., have leased the store, 35 S. 8th St., which is now being altered for their immediate occupancy. The other stores will be continued as usual.

The Keystone Watch Case Co. awarded a contract, last week, to Doyle & Doak for the erection of a six-story brick addition, 64 x 79 ft. and six stories in height, to their large plant at 19th and Brown Sts. The cost will be $40,000.

The death in Trenton, last week, of William R. Lutze, a watchmaker in the store of his father, A. F. R. Lutze, was a cause of general regret to the trade of this city, where he was both well known and much liked. Mr. Lutze was 28 years old, and resided at 82 Hillerest Ave. The funeral was held Friday.

Out-of-town retailers, buying here during the week, included: Paul Kugler, with John Lang, Atlantic City; C. F. Kuhn, Cape May, N. J.; William MacFarland, Downington, Pa.; A. M. Kendall, Millville, N. J.; M. E. Hunter, Beverly, N. J.; E. P. Ledos. Newark, N. J.; W. K. Schlotterer, Schwenkville, Pa.; Charles A. Feil, Wilmington, Del.; David H. Krause, North Wales, Pa.; E. L. Thomas and T. C. Kremer, Phoenixville, Pa., and Josiah B. Heckler, Mainland, Pa.

For having falsified the gold scales at the United States Mint, in an ingenious manner by attaching a copper planchet when weighing the ingots with a piece of chewing gum, and removing it when the metal returned from the rolling room in the form of clippings, Thomas W. Hurff, of Woodbury, N. J., was arrested, last week. The planchet, or "black penny," as it is called, weighs a trifle more than one-tenth of an ounce, while usually there was weighed at one time 6,000 ounces. It is believed that Hurff invented the scheme not for private gain, but from an ambition to show off the accuracy of his methods.

William J. Bruehl, a member of the Philadelphia Jewelers' Club, and well known to members of the jewelry organizations of New York, died, suddenly, while in swimming, last week, at Havre de Grace, Md., supposedly of heart disease. Mr. Bruehl, who was assistant manager of the Union News Co., was one of the most popular men in the city, and a member of many social and secret organizations. He was always welcomed on festive occasions because of his rare good humor and conviviality. He was a guest on L. P. Eisenlohr's private yacht on a long cruise on the Chesapeake at the time of his death. Mr. Bruehl, who lived at 831 N. 63d St., was only 43 years old. The funeral was held Saturday. The honorary pall bearers included: L. P. White, Louis Eisenlohr and Jacob Binder, of the Jewelers' Club.

Pittsburg.

TRADE CONDITIONS.

The condition of trade in Pittsburg could not be better, so the local jewelers say. Some of the wholesalers report a scarcity of goods. One wholesaler said to-day that he would buy $10,000 worth of watch cases if he could get them, but a visit to the factory, last week, only enabled him to get a small part of this order. The demand for watches in this city, it is said, was never better. There is also a big demand for bracelets. The retail trade has opened splendidly, and the indications are that the jewelers will do a big business during the Fall and holiday months. There is a fair demand for novelties. Money is plentiful in Pittsburg, the factories generally are working night and day, and the prosperity of the city could hardly be better. The same report comes from all points throughout western Pennsylvania. The buying for Fall trade from local wholesalers, some dealers say, beats all previous records.

The George B. Barrett Co. last week installed a number of new cases in the store it but recently occupied, and the room presents a much handsomer appearance than ever.

Arrangements are being completed for the sixth annual trade extension tour of the Merchants and Manufacturers' Association, which will cover part of West Virginia Oct. 22 to 25, inclusive.

W. W. Wattles & Sons last week were slightly inconvenienced owing to the placing of a new cement walk in front of their establishment. The pavement is now in keeping with the store, one of the prettiest in Pittsburg.

Among the out-of-town merchants who came to Pittsburg last week to purchase Fall stock were the following: T. L. McWilliams, Irwin; C. L. Taylor, Denniston; Frank Bloser, New Kensington; Frank N. Worrell, Canonsburg; Robert H. Wolf, Smithton; Carl Hess, Braddock; E. F. Priese, Homestead; Carl H. Leighner, Butler.

The W. J. Johnston Co. has decided to open a branch house in New Orleans Jan. 1, and suitable quarters are now being sought. It is only a short time ago that the Pittsburg house opened a branch in Chicago. C. E. Roy, the manager in charge of the Chicago branch, spent a few days of last week in this city, going over some business matters with W. J. Johnston, head of the firm.

The E. P. Roberts & Sons Co., Thursday and Friday, celebrated the opening of its new store in Fifth Ave., and the place was thronged both days by sightseers and customers. Some of the eastern manufacturers and jobbers sent floral tributes to the company. The Roberts house is unquestionably one of the finest jewelry stores in Pittsburg. It is a ground floor store on which $50,000 was expended to make it attractive. The entire store is finished in solid mahogany.

W. T. Maher, Edward Mellon, J. C. Strain and John Graff, who were charged some time ago with being implicated in the robbery of the jewelry department of Joseph Horne & Co., have entered pleas of no defense to the charge of stealing, and will be called for sentence later. It is said that these men, through Mellon, who was formerly connected with a local wholesale jewelry house, in connection with others, had made away with about $20,000 worth of stock, not all, but much of it jewelry. One necklace stolen was valued at $500.

Two women who were swindling jewelers at Homestead and Braddock were caught last week by the Braddock police. The stores of M. Marks at Homestead and Abraham Schmidt of Braddock were both robbed. The women secured bracelets at one store and lockets at another. Their plan was to go into the store and call for articles which they desired to inspect. While one was in the front of the store the other would go to the back and pretend to want an article that happened to be in a case in the rear, for the purpose of attracting the attention of the salesman or proprietor. When this was done the supposed customer in front helped herself. Neither robbery was discovered until the day after it was committed. A description of the women was furnished the police, and they were quickly captured and the stolen goods recovered.

Frank J. Glendenning, a jewelry salesman living at 815 Wylie Ave., died at the Passavant Hospital, Thursday morning, after securing a prescription at the hospital the night before to steady his nerves. He came to Pittsburg from Cleveland, where his parents reside. Glendenning was arrested Wednesday night by Policeman Francis Boyle and locked up. He appeared to be demented. It is said that he had been drinking, and at his boarding house he started to run through the rooms shouting at the top of his voice and showing symptoms of mental derangement. After being quieted he was persuaded to go to the hospital to secure some medicine, and secured two prescriptions. He was to take a dose at bed time, but instead drained the contents of one of the bottles and also drank half of the other. This led to his arrest. Deputy Coroner George Mercer was detailed to make a thorough examination, and secured a list of the ingredients of the medicine. Glendenning had been in Pittsburg for about three months, and was employed by a local jewelry establishment.

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NEW YORK.

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Mines: MINERAL PARK, ARIZONA.

TRADE-MARK.

Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.

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"There is Nothing in the Art that we cannot do."

SPECIAL ATTENTION
GIVEN TO OUT OF TOWN ORDERS.

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LAPIDARIES and IMPORTERS of PRECIOUS STONES

SPECIALISTS IN REPAIRING AND REPOLISHING RARE AND VALUABLE GEMS
DRILLING — ENGRAVING — SLITTING

R. G. MONROE & CO.

IMPORTERS

Diamonds, Precious Stones and Pearls

170 Broadway Corner Maiden Lane NEW YORK

Connecticut.

The 60-hour schedule began last week in the factory of the Seth Thomas Clock Co., Thomaston.

John W. Morway, Bristol, was recently granted a patent on a novel intermittent alarm clock.

Mrs. Geo. H. Wilcox, Meriden, returned home on the *Celtic*, Sept. 20, from a three months' European trip.

Frederick R. Perkins, Meriden, has just returned from a business trip in the interest of the International Silver Co.

G. Strohhaker, Wallingford, has just assigned to the International Silver Co., Meriden, a design for the handles of spoons, etc.

Carlton W. Roberts, of Chicago, 77 years old, and grandson of Gideon Roberts, the first clockmaker in Bristol, is visiting relatives at the latter place.

George S. Bedient, traveling representative of the Rogers Silver Plate Co., Danbury, has returned from a six months' trip through the south and west.

D mage amounting to about $1,000 was done recently to the silver novelty factory owned by P. J. Onkey, in the West End, Bridgeport. The loss is covered by insurance.

H. H. Allen, of the Morgan & Allen Co., San Francisco, Cal., the western representative of the Landers, Frary & Clark Co., is at present visiting the concern's office in New Britain.

Albert Newfield, who, for eight years, had been in the employ of S. W. Tasch, Danbury, as watchmaker and jeweler, resigned Sept. 22, to take a position in the store of H. P. Levy, on Main St., Hartford. Mr. Newfield will be succeeded by Harry E. Todd.

The Melrose Silver Co. will shortly move its plant from High St., Hartford, to Goodspeed's Landing. The concern began business in Hartford in 1902, when a partnership was formed and the industry started in a small way. A company was afterwards formed.

A watch, which was recently found in the possession of Chas. McLane, who was taken into custody in New Haven on a charge of larceny, a short time ago, is believed to be 125 years old. The old timepiece has been returned to the owner.

Wm. E. Sessions, Bristol, was chairman of the Bristol delegation of the Republican State Convention, held in New Haven, last Thursday. Mr. Sessions' name had been booked to be brought forward as a compromise candidate had the contest for the nomination for lieutenant-governor not been terminated.

John Ralston, who, with a confederate, entered the retail jewelry store of Davis & Hawley, on Main St., Bridgeport, last June, and stole a diamond worth $85, did not put in an appearance Sept. 20, before Judge Roraback, in the Criminal Superior Court, and the judge ordered that his bond of $300 be called and forfeited.

L. Persoff, of the firm of L. Persoff & Son, 127 Congress Ave., New Haven, who, as reported in last week's issue of THE CIRCULAR-WEEKLY, was held up and robbed on a trolley car between Hartford and Springfield of $900 worth of jewelry, has received word from the Springfield police that his property has been recovered.

Lancaster, Pa.

John B. Roth, Jr., visited New York, last week.

E. R. Kant, of the Non-Retailing Co., is home from a trip through the Cumberland Valley.

Guy Herr has gone to Harrisburg to take a position as watchmaker with L. A. Faunce, Harrisburg.

George M. Bitner, Altoona, Pa., stopped over in Lancaster, last week, en route to New York on business.

S. Kurtz Zook has been in Baltimore selecting new show cases, to be used in the rearranging and renovating his store.

Omar G. Baehman, a well known clock repairer of Bainbridge, died, Wednesday, of Bright's disease, aged 41 years.

O. A. Smith, who led the orchestra at Rocky Springs Park, the past season, has resumed his position with Aug. Rhoads.

Elmer D. Pieree, Wilton, formerly with G. Dal Fox & Bro., of that place, has gone to Sunbury, Pa., to take a position with Frank Gaskins.

T. Wilson Dubbs and Aug. Rhoads spent a couple of days fishing on the Susquehanna River, last week, where the former caught a nine-pound rockfish.

Last Wednesday night the jewelry store of Louis Weber & Son was flooded with water, caused by the bursting of a pipe on the second floor. Considerable loss resulted.

Mrs. J. W. Klein, a graduate of a Philadelphia optical school, has opened an office in Lancaster. She is the wife of Rev. J. W. Klein, pastor of the Pearl Street Evangelical Church, this city.

James Shearer has taken a position with G. William Reisner, as a manufacturing jeweler. K. L. Reisner, lately employed with his brother's house, has entered Muhlenberg College as a student.

John J. and Charles E. Bowman, of Ezra F. Bowman's Sons, are home from a trip to Canada and New York, business compelling their return a week before they intended to finish their vacations.

H. R. Yergey, Columbia, at a meeting held last Wednesday by the business men to take steps for organizing a Board of Trade, was appointed on the committee to arrange for a permanent organization.

William Z. Sener, a director of the Hamilton Watch Co., returned home, last Thursday, from a two months' trip to Europe. Chas. D. Rood, president of the company, has been spending some time at Springfield, Mass.

Among the out-of-town jewelers, who recently visited Lancaster, were: D. E. Helm, Mechanic Grove; F. W. Helm, New Providence; J. H. Sides, Chestertown, Ind.; S. H. Miller, Mt. Joy; H. F. Andrews, Strasburg; C. E. Hinkle, Ephrata.

Because of its annoyance to the employes of the New England Watch Co., Waterbury, Conn., that city's asphalt plant on Benedict St. has been ordered to move elsewhere by the superintendent of streets. The plant is located in the rear of the factory building, and it is alleged that the loose sand as well as the odor of tar blew in through the windows.

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THE VOGUE

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EN CABOCHON

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AMERICAN GEM & PEARL COMPANY

14 & 16 Church St.
NEW YORK

LONDON: 16 Holborn Viaduct
PARIS: 39 Rue de Chateaudun

FROM MINES TO MARKET

THE

NASSAU

BANK

Corner Beekman and Nassau Streets

NEW YORK

ESTABLISHED 1852

OFFICERS

FRANK H. RICHARDSON, President
JAMES C. BELL, Vice-President
WILLIAM H. ROGERS, Cashier
EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

GORHAM SILVER

"THE NEW TRANSCENDS THE OLD"—*John G. Whittier.*

¶ Attention is directed to the unusually varied and markedly attractive assortment of new silverware especially prepared by the Gorham Company to meet every demand of the Jewelry Trade during the forthcoming Fall and Holiday Season.

¶ Every Jeweler whose intention it is to visit New York should not fail to avail himself of the Company's cordial invitation to visit the Wholesale Department in the Gorham Building at Fifth Avenue and Thirty-sixth Street and to make it his headquarters while in New York. Here he will be enabled to take cognizance of the complete line of samples of the new wares which are now there displayed.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED THE HOROLOGICAL REVIEW, THE JEWELERS' WEEKLY, THE JEWELERS' REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.

11 JOHN ST. COR. BROADWAY, NEW YORK.

TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWLAR NEW YORK

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
The Brighton Gold Cup for 1906. Illustrated on front cover; text on page	48
Dr. Geo. F. Kunz's Report on Precious Stones—(Concluded)	47
Exports of Jewelry and Kindred Lines from New York	48
Paris Letter	49
Imports at New York	49
Court Confirms Settlement of I. G. Dillon & Son Co.	49
Developments in the Bankruptcy Proceedings Against Sol. Urbach	51
M. Boucheron Not to Open Branch in New York	51
American Jewelry Co. in Bankruptcy	51
Rochester Jewelers Form Local Organization.	53
The Diamond Markets	53
Appraisers' Decisions on Jewelry and Kindred Lines	55
Investigation of the Diamond Division of the Appraiser's Office at New York	55
Death of James Marquand	55
Death of Frank Six	68
Death of R. E. Coriell	73
Patent Department	91
Remarkable Complicated Clock Shown at the Milan Exposition	95
The Clock Museum at Fürtwangen	95
Watch Repairing—(Continued)	95
New Minute Counter	99
To Tighten a Loose Set-Hands Arbor	99
The Latest Trial Case	104
The Commissions Paid to Oculists	104
Optometrists and Books	104
The American Association of Opticians	105
A New Aid to the Blind	105
Ocular Reflexes	105
Retail Jewelers' Advertising	106
An Odd Advertising Card	107
Rural Post-Card Advertising	107
What Some Jewelers Say	107
Magnificent Display Seen at Recent Canadian National Exposition	108
Good Advice for Salesmen	108
A Representative Retail Jewelry Store of Appleton, Wis.	109
Workshop Notes	111
Nickel Oreide for Art Metal Work	111
Modern French Work in Tin	113
The Forthcoming Jamestown Exposition	115
Origin of the Word Porcelain and Some Traditions	115
Education and Its Place in the Art Industries of Germany (Continued)	117

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

Leniency to Private Smugglers.

IF reports coming to this office be true, numerous cases of smuggling have been discovered among the many foreigners and returning residents of the United States who have arrived from Europe within the past month, and in a large number of instances men and women who were considered reputable and even eminent members of the communities in which they live have been detected in the act of trying to bring into this country articles of value without paying duty thereon. In a number of cases reported the culprit after detection had been permitted to either pay the duty or allow the goods to be taken away and forfeited, but no hint of any criminal prosecution against these people has been suggested. In some cases the "respectable" smuggler who has brought in articles of jewelry, ornaments, etc., as presents to friends has been treated with the utmost consideration, while had he been a dealer or a man known to be in the diamond or jewelry trade the chances are that he would have been subjected to the most thorough kind of a search, and then after contraband goods had been found in his possession he would have stood an excellent opportunity of being carried before the United States authorities and held in bail on the charge of defrauding the Government.

While it is true that the smuggling dealer would be treated in a way no different from that which he justly deserved, it seems strange that the Government should so strongly discriminate in favor of the private smuggler, when there is little doubt that far more revenue is lost to the Treasury Department through the nefarious acts of the ordinary tourists and foreign visitors than by the smuggling of all the men regularly engaged in selling the products which they have clandestinely introduced. It would seem but fair that all smugglers should be treated exactly alike, for not only the fraud upon the Government is the same in every case, but the effect of the act on the business community is just as bad in one instance as in another. Does not the leniency of the Government officials in allowing the private parties who smuggle to go away upon paying the duty or allowing the article to be seized, tend to encourage the ordinary tourist to take the risk? Does it not help to propagate a disregard or contempt for the law that will in the end prove harmful to the body politic?

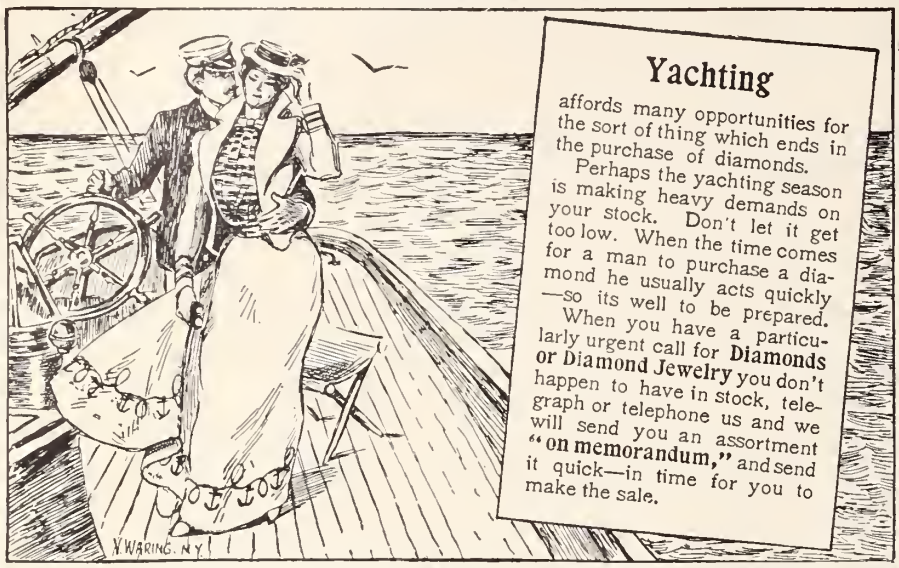
A Subject Worthy of Discussion.

A SUBJECT which the retail jewelers' associations of the country might take up with advantage to their members and to the business community in general is the one involving the right of a dealer to sell articles given to him to be repaired, but left on his hands or practically abandoned by the owner. There is hardly a jeweler from one end of the country to the other who has not at some time been forced to carry from one year to another jewelry and watches which customers have caused him to work upon and then apparently forgotten all about. In most States not only must the jeweler be under the necessity of taking care of these goods for an indefinite time, but he must also be out of pocket the value of the work that he has put upon them until such articles are claimed by the owners. While under the common law the jeweler has a lien on the article for the value of the repairs he puts upon it, to enforce his lien in the proper way under the statutes of some States would cause him to spend an amount of time and trouble that would be worth to him much more than the amount which he would receive, and, in addition, when he sells the article for more than the repairs amount to, he must be accountable to his customer for the difference between the amount realized and the value of the repairs, keeping this subject to the demand of his customer at any time.

That such condition is annoying is realized by almost every jewelry merchant in the country, and there is hardly one who would not hail with pleasure the enactment of a special statute that would permit him to collect the amount due for his repairs within a reasonable time. If such a law can be drawn or a contract formulated for universal adoption that will accomplish the same effect, there is no doubt that much trouble and incidentally a number of lawsuits will be avoided by the trade at large. The subject is well worth looking into by the officers and executive committees of the State associations of retail jewelers which have recently been formed.

The Utah Association of Optometrists met in the Atlas block, Salt Lake City, Utah, recently, and elected the following officers: President, F. J. Alexander; first vice-president, J. H. Knickerbocker; second vice-president, W. B. Pushmer; treasurer, H. O. Jensen; secretary, J. E. Broddus.

ON MEMORANDUM



CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

43 Rue de Meslay, PARIS *Telephone, 2188 Cortlandt* *17 Maiden Lane, NEW YORK*

PRESS DOWN THE TIPS WE'VE DONE THE REST

THE CHOICE OF THE PEOPLE

THE ARCH CROWN



The fact that the Arch Crown Mounting has been in existence for so brief a period compared to other types which date back hundreds of years, makes its success the more remarkable, its sales having surpassed our highest expectations. The conclusion is therefore warranted that it has won its way into popular favor on its merits as anticipated. The trade has supported us so generously on the new mounting that we found it necessary to devote all of our time to the production of the Arch Crown Mounting exclusively, and we thus occupy a unique position in the trade.

The conception of the Arch Crown Mounting was based upon the theory that the time was ripe for a better and more artistic setting for gems, one that would be a permanent improvement and not a passing style. How well we have succeeded in our endeavors is best attested by the numerous re-orders received and the complimentary endorsements by the most competent judges. Many prominent jewelers are making a specialty of the Arch Crown Mounting because it combines all the good features required of a gem setting. The Arch Crown Mounting has the four necessary essential features always considered in selecting a gem setting, namely: Artistic Merit, Quality, Durability and Safety.

The success of the Arch Crown Mounting has prompted us to still further widen its scope which not only embraces single stone, two and three stone patterns, studs and earscrews, but now clusters as well in 14k. 18k. also all platinum combinations. We take this occasion to thank our numerous loyal supporters for their liberal purchases and the many courtesies extended to us, trusting that should there be delays in filling orders, owing to our factory being overtaxed, they will kindly overlook them.

THE ARCH CROWN



DURABILITY STRENGTH

ARCH CROWN MFG. CO., 26 Camp Street, Newark, N. J.

WRITE FOR SAMPLES TO US, OR TO YOUR REGULAR JOBBER

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ABERDEEN, WASH., Emil Pfund, Broadway Central.
BALTIMORE, MD., C. C. Crooks (C. C. Crooks Co.), Marlboro.
B. F. Dean (A. A. Brager), Herald Sq.
G. Freundlich (Jacob Epstein), Grand.
BRISTOL, TENN., J. H. Thomas, Woodstock.
CALAIS, ME., H. B. Ross (Ross Bros.), Breslin.
CHICAGO, ILL., R. C. Redepenning (estate of C. A. Redepenning), Broadway Central.
H. Ritter, Murray Hill.
CLEVELAND, O., C. E. Myers (Fries & Schuele), Broztell.
CLIFTON FORGE, VA., C. F. Sentz, Herald Sq.
COLUMBUS, O., F. F. Bonnet (F. F. Bonnet Co.), Breslin.
COLUMBUS, S. C., A. M. Sentz (C. F. Sentz), Herald Sq.
DURANGO, COLO., A. Hahn, Herald Sq.
FAIRMONT, W. VA., A. B. Scott, Prince George.
FRESNO, CAL., A. E. Warner (H. C. Warner), Marlboro.
HARTFORD, CONN., C. R. Hansel (Hansel, Sloane & Co.), Park Ave.
HAVERHILL, MASS., G. W. Deacon (Leslie Dry Goods Co.), Navarre.
HORNELLSVILLE, N. Y., E. D. Waldorf (G. A. Waldorf & Son), Cosmopolitan.
JAMESTOWN, N. Y., C. A. Ahlstrom, Grand.
LOS ANGELES, CAL., J. A. Montgomery (Montgomery Bros.), Holland.
LYNN, MASS., E. L. Rogers (T. W. Rogers Co.), Prince George.
MALONE, N. Y., E. E. Muller, 200 E. 21st St.
MASSILLON, O., C. J. Duncan, Navarre.
MINNEAPOLIS, MINN., C. Olson (C. Olson & Co.), Breslin.
NORFOLK, VA., J. Bennett, Breslin.
PORTLAND, ME., A. D. Burbank, Astor House.
READING, PA., G. A. Schleeter, Marlboro.
RICHMOND, VA., D. A. Buchanan (D. Buchanan & Son), Marlboro.
ROCHESTER, N. Y., E. C. Meachum (Sibley, Lindsay & Carr Co.), Normandie.
SCRANTON, PA., S. V. E. Bippus (J. Long's Sons), Woodstock.
TOLEDO, O., J. G. Kapp, Cadillac.
WASHINGTON, D. C., T. F. Finnin (S. Kann & Sons Co.), York.
TROY, N. Y., J. W. F. Podmore (Jones & Podmore), Albert.
WILLIAMSPORT, PA., J. W. Mussina, Astor House.
WINSTED, CONN., C. H. Leonard, Grand Union.
WORCESTER, MASS., A. J. Moir (John C. MacInnes Co.), Prince George.

Death of Frank Six.

WELLINGTON, Kans., Sept. 19.—Frank Six, a prominent jeweler of this city, died here of tuberculosis, aged 38 years, Monday.

Mr. Six first started in business here about 11 years ago, and in 1899 sold out to F. W. Sellers and went to Roswell and Las Vegas, N. Mex., but returned here in 1901 and resumed business. He was an excellent business man, and was highly regarded both as a merchant and citizen.

Richard Ashby, 12 Bank block, Colorado Springs, is selling at auction, and is closing out his business.

New York Notes.

Louis Selig, Elizabeth City, N. C., was in New York last week.

Among the visitors to the office of THE CIRCULAR-WEEKLY, last week, was C. J. Duncan, Massillon, O.

Albert H. Gleason, of Hastings & Gleason, counsel for the Jewelers Board of Trade, is back at his desk after a European trip.

Report has it that at one of the Fifth Ave. stores three pearls were recently sold for $110,000 to a buyer who is making up a string.

The Royal Cut Glass Co. was incorporated last week with $5,000 capital by W. S. Clark, W. Ludwig and F. McDermott, Brooklyn.

Judgment for $117 was recorded last week against the American Watchman's Time Detector Co., in favor of the Metropolitan Printing Co.

Fire slightly damaged the factory of J. A. Deknatel & Son, Inc., 22 Howard St., Thursday night of last week. The work of the factory and of the sales department was not interrupted.

Time and labor saving devices, business appliances and systems of every description are to be exhibited and demonstrated at the Fifth National Business Show, which will be given Oct. 27 to Nov. 3 in the Madison Square Garden.

A certificate was filed last week incorporating the business of Carl P. Goerz, 52 Union Sq., under the style of the C. P. Goerz American Optical Co. The authorized capital stock is $110,000, of which $60,000 has been paid in.

A man who gave the name of David Peters, and who said that he was a diamond merchant, was fined $10 one day last week in the Jefferson Market Court for annoying a young woman on Broadway. People in the trade say that they do not know any man of this name.

A quantity of jewelry, including watches, rings and brooches, is included in the merchandise which is to be sold at the auction of unclaimed and abandoned merchandise in the seizure room of the appraisers' warehouse, Washington and Christopher Sts., next Thursday. There are several offerings of diamonds and other precious stones, but not as many as in former years.

A. H. Armstrong, president of the Armstrong Braiding Co., Sandwich, Mass., who was in the city last week, said that the eastern factories were never so busy as they are now. While here he called on a number of pearl merchants. In reply to an inquiry, he said that the use of baroque pearls in the manufacture of watch guards, chains, bracelets and other articles in his line is increasing.

Charged with retaining a diamond ring valued at $300 which was entrusted to him on memorandum, Bernard Blumenfeld, 376 Osborn St., Brooklyn, was last week arrested on complaint of Hyman Sosnowitz, 1751 Pitkin Ave., in that borough. The jeweler said that he had delivered the ring to Blumenfeld on May 9. Magistrate Higginbotham held the defendant in $1,000 for the Grand Jury.

Harry W. Mack, formerly of THE CIRCULAR-WEEKLY, was elected by a large majority at the primaries last week to the position of Republican leader in the 15th Assembly District. Included in the long list of citizens who signed a statement which was sent out in Mr. Mack's favor before the primaries were several men in the jewelry trade, including August Goldsmith, of Stern Bros. & Co.; David Kaiser, of David Kaiser & Co., and David L. Gluck.

Two windows in the store of Fred. Koehler, 129 Main St., Astoria, were broken early last Saturday morning, and thieves took a quantity of jewelry, including four ladies' gold chains and two men's gold chains, all valued at $50. One of the windows was broken by a stone hurled through it, and the thief probably broke the other window by leaning against the glass and forcing it in with his shoulders. Edward Bilstein, who is employed in the store, lives in the upper part of the building, but heard no noise.

When Charles Weiss, a diamond setter, living at 50 Harmon St., Brooklyn, took off his hat and coat and jumped off a trolley car in the middle of the Brooklyn Bridge one day last week, several railroad employes seized him and turned him over to a policeman. The railroad men said that Mr. Weiss was preparing to jump off the bridge. He was taken before a magistrate, where he explained that he removed his hat and coat because it was excessively warm, and he got off the car to walk across the remainder of the bridge, as others were doing, the cars being blocked for a time. The magistrate ordered his release.

In relation to August Frank Voss, whose arrest was mentioned in last week's New York notes, further alleged details as to his career have since been contributed by the police authorities at Washington, D. C. The reports from that city say that he was known there as August F. von Leifeld, and was at one time employed as a watchmaker by John Hansen, 704 7th St., N. W. The watchmaker fled to Toronto with jewelry to the value of $800 belonging to his employer. The fugitive was brought back to Washington and $600 worth of the jewelry recovered. After that he served two and a half years in Moundsville prison for grand larceny.

Charged with stealing a diamond ring from Chester Billings & Son's uptown store at Fifth Ave. and 34th St., a man, who gave his name as George Austin and said that he was a salesman of Atlantic City, was arrested on the street last Friday. The police said that he is George Hawthorne, a notorious "pennyweighter." The ring was taken from the Billings store by the trick of substituting one with an imitation stone while the clerk was showing a trayful to the supposed customer. After the arrest it was shown that the prisoner was not the thief, nor did Hawthorne's picture look like him. The police say that Hawthorne served a term for stealing some years ago from Theodore B. Starr, a diamond ring and locket, which were obtained in the same manner that the ring was stolen from Chester Billings & Son.

Frederick Keim, a manufacturer at 258 Fifth Ave., New York, according to a complaint made last Thursday in the Jefferson Market Court, delivered a quantity of jewelry on Sept. 11 to a writer named Charles M. Pope, who gives his address as 362 Riverside Drive. The articles were retained by Pope, it is said, although he obtained them only for the purpose of showing them to friends who might buy them. Pope was arrested on the charge of larceny and held in $2,000 bail. When Pope asked for the jewelry he presented to Mr. Keim a letter from a retailer who desired that his request be granted. It appears that the retailer accepted responsibility to the extent of seeing that Mr. Keim suffers no loss through the transaction. When Pope was arrested several pawn tickets were taken from him by the police, and four of the tickets were for articles of jewelry obtained from Mr. Keim, it is said, and pawned a few hours later. The list included a diamond brooch, ring with pearl and diamond setting, bangles and other articles.

The chains and parts of chains belonging to the R. F. Simmons Co., 13 Maiden Lane, which were stolen in a case from an office at 49 Maiden Lane, as reported in last week's issue, have not been recovered. The police, last Wednesday, arrested Isaac Davidson and Harry Davidson, who were said to be offering two dozen chains at Herman Brown's pawnshop, 917 Sixth Ave. It was suspected by the police that the chains were part of the stolen property. The Davidsons showed the police that they live at 267 W. 23d St., that their father was formerly in business in Providence, R. I., and that they have recently started up again. They said that as the chains belonged to them there was nothing wrong in dealing with the pawnbroker. The men and chains were taken to the W. 47th St. station. Later, when brought before Magistrate Wahle, the Davidsons showed a lease of a store which they are about to open. He held them in order to send for John Drake, New York representative of the R. F. Simmons Co. Mr. Drake looked at the chains which the Davidsons had and at once declared that they did not form any part of the stolen stock. The defendants were released.

Eduard Van Dam, 27 City Hall Pl., said yesterday that the diamond workers employed at his factotry in Amsterdam have gone back to work. The strike of these men continued only two days. Mr. Van Dam is now paying many of the men advances ranging from 5 per cent. upward. No permanent contract has been made as yet by the employers' association with the labor union. According to the information which Mr. Van Dam has received, each employer has made his own arrangements with its men since the expiration of the old contract in July. Work has recently been begun on Mr. Van Dam's new factory building, which is located on a site near the present works in Amsterdam. The building, which is to be brick, will be constructed according to American ideas and is to have excellent ventilation and lighting. There will be from 350 to 400 benches in the factory, the equipment of which will also be along American lines. Rooms will be fitted up for the use of the employes who may, in these apartments, eat their lunches, read and enjoy themselves. A library is to be a feature. It is to be one of the model diamond cutting factories of the world. Last year he put up a new building in Am-

(New York Notes continued on page 73.)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital. $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

REPORT OF THE CONDITION OF
THE MERCANTILE NATIONAL BANK,
at New York City, in the State of New York, at the close of business Sept. 4, 1906:

RESOURCES.

Loans and discounts		$18,058,557.35
Overdrafts, secured and unsecured		910.19
U. S. bonds to secure circulation		1,697,500.00
U.S. bonds to secure U.S. deposits		110,000.00
Other bonds to secure U.S. deposits		200,000.00
Premiums on U. S. bonds		60,712.50
Bonds, securities, etc.		540,904.44
Furniture and fixtures		87,495.36
Other real estate owned		1,632,494.16
Due from National banks		1,129,121.67
Due from State banks and bankers		642,526.70
Checks and other cash items		131,412.33
Exchanges for clearing house		2,728,705.71
Lawful money reserve in bank, viz.:		
Specie	$3,136,447.13	
Legal tender notes	1,060,000.00	
		4,196,447.13
Redemption fund with U.S. Treasurer (5% of circulation)		84,875.00
Due from U. S. Treasurer, other than 5% redemption fund		57,695.20
Total		$31,359,357.74

LIABILITIES.

Capital stock paid in	$3,000,000.00
Surplus fund	3,000,000.00
Undivided profits less expenses and taxes paid	1,648,663.78
National bank notes outstanding	1,542,500.00
Due to other National banks	5,061,507.71
Due to State banks and bankers	2,079,234.33
Due to trust companies and savings banks	2,393,452.50
Dividends unpaid	3,533.50
Individual deposits subject to check	10,691,553.99
Demand certificates of deposit	32,971.03
Certified checks	470,808.34
Cashier's checks outstanding	973,762.37
United States deposits	310,000.00
Bonds borrowed	105,000.00
Reserved for taxes	46,370.19
Total	$31,359,357.74

State of New York, County of New York, *ss.*:
I, JAMES V. LOTT, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief. JAS. V. LOTT, Cashier.
Subscribed and sworn to before me this 7th day of September, 1906.
OLIVER R. MITCHELL, Notary Public.
Correct—Attest:
RICHARD YOUNG,
ABRAHAM STERN,
FRED'K B. SCHENCK,
} Directors.

195 BROADWAY, NEW YORK CITY

WATCHWORD *for the* FALL SEASON *of* 1906 :: :: ::

BIGGER BETTER BUSIER

THIS IS THE SIGN OF THE TIMES :: :: ::

BIGGER BETTER BUSIER

LIKE OURSELVES you are, no doubt, going to be Busier than ever this coming Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory Prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO. INC. 373 WASHINGTON ST. *BOSTON, MASS.*

BIGGER BETTER BUSIER

IMPORTERS MANUFACTURERS AND JOBBERS





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

New York Notes.

(*Continued from page 69.*)

werp, as a home for the factory in that city, and here he has 120 benches, this factory also being of modern construction. After the completion of the Amsterdam factory, which is to be ready for occupancy in May next, Mr. Van Dam will have three new factories.

J. P. Ford, of Ford & Carpenter, Providence, R. I., was in New York Monday.

Braunstein & Stein, 210 Eldridge St., have dissolved, David Braunstein retiring. The business will be continued by Herman Stein, as formerly, in his own name.

H. C. Williams, watchmaker for J. R. White & Co., Rochester, N. Y., is passing his annual vacation with his daughter, the wife of the Rev. Cortland Myers, Brooklyn.

H. Levinsohn, S. Levinsohn and M. Feinberg, all of New York, are the incorporators of the H. Levinsohn Co., which last week filed its certificate. It is authorized to manufacture gold rings and other jewelry, and to have a capital stock of $5,000.

A quantity of necklaces imported by A. Steinhardt & Bro., New York, was last week held by the Board of United States General Appraisers to be dutiable as jewelry at 60 per cent. This overruled a claim of the importers, who asked that duty be fixed at 45 per cent. under the tariff provision for manufactures of paste.

Diamond importers were somewhat interested this week in reports published in Montreal papers to the effect that a New York dealer is in that city, awaiting an opportunity to cross the border with cut stones valued at $150,000 without paying the duty. According to the story as related, the diamonds were bought in Antwerp and brought to London, where the buyer delivered them to the New York man. The latter then crossed to Montreal, and on arriving there learned that he was being shadowed by Secret Service officers in the employ of this Government. It was said that the discovery of the fact that he was being followed by detectives interrupted his plans and caused him to prolong his stay in Montreal. The customs authorities in New York say that they have no information on the subject. The name of the New York dealer who is supposed to have the diamonds in his possession was not given in the published stories.

Charges of larceny were not pressed by the Gorham Co. against Edwin J. Quinn, a young man living at 408 W. 17th St., who had been employed for a time in the company's stock room at Fifth Ave. and 36th St. A number of articles of small size, such as chatelaine bags, were taken. After being arrested, Quinn confessed that he had taken the property. His plan was to secrete the articles in one of his pockets as he went out to lunch or when going home at night. The articles were missed within two or three days after the first theft, and he was then watched until the crime was fastened on him. The young man had pawned the articles and he returned the tickets, so that most of the property was recovered. In the system used by the Gorham Co. it is said to be impossible for thefts to continue for any length of time. Quinn's operations, including the time while he was being watched and until his arrest, were all within a period of two weeks.

In several daily papers there were published Monday interviews with Ludwig Nissen, of Ludwig Nissen & Co., bringing out facts in relation to the scarcity of pearls and the buying of supplies from the Oriental princes, as related by Mr. Nissen in the issue of THE CIRCULAR-WEEKLY of Aug. 15

Newark.

Philip Krimke has succeeded Feist & Krimke. Mr. Feist died some time ago.

Mrs. Katherine Hubbell, Hoboken, will continue the business of her late husband, David M. Hubbell.

G. Gootenberg, Paterson, N. J., won the suit which was brought against him by Henry Fineberg, a youth formerly employed in the jewelry store. The action was for damages for an alleged assault, the complainant claiming that he had been violently thrown out of the store. Mr. Gootenberg testified that Fineberg had been ejected for impudence.

To manufacture non-inflammable and fireproof celluloid is the purpose of a new Camden corporation which filed its certificate last week. It is to be known as the Fireproof Celluloid Co. and is authorized to issue capital stock to the amount of $500,000. The incorporators are George E. Woodward, Charles E. Ridenour, of Philadelphia, Pa.; A. S. Flowers, Calvin M. Garrison and A. M. Garrison, of Camden, N. J.

Sudden Death of R. E. Coriell.

R. E. Coriell, who for nearly 30 years had been a salesman in the store of J. W. Johnson, 22 John St., New York, died at 9 A. M. yesterday in the Hudson St. Hospital, to which he had been removed about noon the day before, on suffering a stroke of apoplexy. Mr. Coriell was busy about the store as usual up to the moment when he was stricken. He lapsed rapidly into unconsciousness after the attack, and the people in the store sent for an ambulance. He never recovered consciousness.

Mr. Coriell came of an old French family who settled in New Jersey early in the history of this country. He was born in Plainfield 67 years ago, and had lived there all his life. When he entered Mr. Johnson's employ the business was located at 13 John St., and was moved some years later to its present location.

An industrious and faithful salesman, Mr. Coriell was conversant with the qualities of the silverware, the line which he sold for so many years. Because of his long connection with one house he was widely known in the wholesale jewelry district.

Among the associations of which Mr. Coriell was a member are the Sons of the American Revolution and the Masons, he having been a charter member of one of the Plainfield lodges of the latter body. He was especially interested in genealogical research, and had traced the records of his family through several hundred years.

A widow, two daughters and one son survive. The funeral will take place at his home in Plainfield.

Boston.

Henry Cowan is on a business trip through the south and southwest.

F. Phillips & Co., formerly at 21 Bromfield St., have removed to 387 Washington St., Room 417.

Lyman E. Sweetser, treasurer of the Sweetser-Bennett Co., is on a business trip through Connecticut.

Philip H. Morton, formerly salesman for L. I. Pendleton & Sons, has taken a position with the Sweetser-Bennett Co., in a similar capacity.

Arthur C. Vose, salesman for Bigelow, Kennard & Co., who was in the hospital for a number of weeks following a surgical operation, is sufficiently recovered to return to business.

Edward Barlow, for a number of years in the engraved stationery department of the Shreve, Crump & Low Co., is now with the Smith, Patterson Co., which recently added such a department in its establishment.

The police took into custody last week a youth employed by L. I. Pendleton & Sons, charged with the larceny of jewelry valued at $1,000. It is understood that most of the property was recovered. The case was heard in the juvenile court, and a continuance was granted.

The substitute ring game continues to worry the Boston jewelers. About a week ago it was tried unsuccessfully again in the store of Thomas Long Co., R. K. McKeen, the diamond salesman, detecting a pretending customer in the act. He was quick enough to catch hold of the fellow's hand and force him to relinquish the genuine ring, but could not prevent his escape from the store. The police were notified. The description of the man, who made quite a display of bills which he used as a covering for the spurious ring, agreed with that of a thief who has been operating in Providence and other cities, and Mr. McKeen identified the "rogues' gallery" picture of the man which was shown to him by the police inspectors.

The State House dome is to be regilded. As usual, on the occasions when calls for bids are announced, the union of gold-beaters submitted a memorial to the commissioners in charge of the work, asking that none but union-made gold leaf be used in the process. The contract is a large one, calling for a quantity of leaf, and the award was made to a Boston firm. In a short time the big dome on the building will reflect the sunlight resplendent in a new covering of gold.

A large number of buyers were in town during the past week making selections of goods for the Fall trade, among them being: George H. Woodbury, Newport, N. H.; R. F. Boeming, Woodsville, N. H.; Percy Safford, of J. F. Safford & Son, Rochester, N. Y.; F. H. Coffin, Peterboro, N. H.; Mr. Keith, for Merrill & Co., Portland, Me.; J. E. Stephens, Rumford Falls, Me.; Harry P. Lowell, Augusta, Me.; H. B. Locke, Amesbury; R. M. Cook, Marblehead; George H. Gutteridge and H. P. N. Dahl, Maynard; Mr. Pratt, Harry Raynes and Peter Gilbert, Lowell; Mr. Sullivan, Buckley & Sullivan, Lawrence; Starr C. Hewitt, Salem, Mass.



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Vol. LIII. CHICAGO, WEDNESDAY, SEPTEMBER 26, 1906. No. 8.

Chicago Notes.

H. H. Miller, representing Hutchison & Huestis, is on a western trip.

H. M. Carle is now on a trip through the west, going as far as Denver.

Jules Racine, of Jules Racine & Co., New York, visited the Chicago office recently.

Harry C. Cohen, of the Chicago office of Jules Racine & Co., is on a trip to the coast.

G. H. Parker, buyer for Lapp & Flershem, has just returned from a two weeks' vacation.

Otto Stumpf, of Otto Stumpf & Co., is making a two weeks' visit to eastern factories.

A. Binswinger, jewelry buyer for Siegel-Cooper Co., is in New York looking after his Fall stock.

F. E. Hiatt, manager of the Philadelphia Watch Case Co., is visiting at his old home at Alpena, Mich.

Norman McGillivray, with Strelitz Bros., is enjoying a vacation at Paw Paw Lake, Mich., with his wife and family.

W. A. Moore, Jr., of the Chicago office of Alfred H. Smith & Co., has just returned from a week's trip to New York.

Frank Le Bron, Jr., of the Frank Le Bron Jewelry Co., Keokuk, Ia., stopped here a few days on his wedding trip, last week.

A. C. Becken has just returned from a two weeks' trip to Seattle, Wash., where he has been resting after a strenuous Summer's work.

Mr. Town, assistant buyer of the J. V. Farwell Co., has just returned to the house after having spent three weeks' vacation in Denver and the west.

J. A. Lucas, who recently started on a coast trip for the A. H. Bliss Co., got as far as Milwaukee, when he was laid up for a week with rheumatic fever.

Harry E. Farquharson, representing E. D. Gilmore & Co. and E. A. Potter & Co., returned last week from a western trip, and has now left for eastern territory.

J. M. Stanley, of the Chicago office of the Mauser Mfg. Co., has just returned from a coast trip. J. S. Mayer, of the same firm, has left for St. Louis and Indiana points.

J. M. Poole, with the American Silver Co., returned from a trip to the Pacific Coast last week, and after spending a few days at the office left for his southern territory.

C. P. Williams, assistant buyer of Butler Bros., was notified last week that he is to go to St. Paul by Dec. 1 to become jewelry buyer of the new branch store of Butler Bros. at that place.

Alexander H. Revell, the well-known furniture and store-fixture manufacturer, was boomed for Mayor at a recent meeting of the Swedish-American Central Republican Club of Cook County.

A. G. Clang, who has been managing the store, at Western, Nebr., of C. W. Edwards, salesman for E. A. Dayton & Co., reports that he has bought the store of C. F. Steiner, at Madison, Nebr.

I. Cline, Salt Lake City, visited the trade here a few days on his way home from New York and eastern points. It is understood that Mr. Cline will establish a jobbing business in jewelry, being now engaged in other lines.

Fred A. Spies, of the firm of Spies Bros., is now back at his desk after an absence of nearly seven months. While he has not completely recovered he is gaining ground all the time and hopes to soon be strong as ever.

George T. Woodbury, manager of the Columbus Memorial building, and Miss Pearl Redfield were married Sept. 18. This popular couple were substantially remembered by their many friends among the jewelry firms in the building.

S. O. Ralston has resigned his position on the traveling force of the American Silver Co. to accept a position on the advertising staff of *Ridgeway's Magazine*, New York. His place with the American Silver Co. will be filled by George Y. Cheney, of New Britain, Conn.

F. R. Sheridan, representing Arnold & Steere, has returned from a coast trip. Public announcement is being made of the seventh annual Chicago Horse Show, to be held at the Coliseum, Oct. 29 to Nov. 3. Among those who have offered prizes this year are C. D. Peacock, Lebolt & Co. and Spaulding & Co.

Abraham Hirchberg, 27 years old, walked into the office of Chief of Detectives O'Brien, last week, and announced that he was a fugitive from justice for burglary in New York, having robbed his brother-in-law, Nathan Kornblum, of jewelry valued at $1,500, saying further that he had gambled and lost it and now wanted to be sent back. Hirchberg was locked up and the New York authorities were notified.

Harry H. Morris, claiming to be in the employ of Jones & Dryer, was arrested here recently on the complaint of Mrs. Louise Bailey, of Whitewater, Wis., and her father, J. E. Burton, of the same place. Morris, it is said, was engaged to wed Miss Burton, and after she broke the engagement to wed Mr. Bailey, he wrote threatening letters as well as disparaging the young lady's character. Morris was placed in jail in default of $2,000 bail. Mr. Jones, of the firm of Jones & Dreyer, denies that Morris was ever in their employ.

Bennett S. Dennison, a former jeweler at Salida, Colo., was arrested here last week on a charge of arson and conspiracy in Salida, as was also Frederick H. Colvin, president of the Boston-Colorado Copper Co. Colvin and Dennison left for Salida as soon as they were released on bonds. Dennison, it is said, is charged by the police with setting fire to his store. Stock worth several thousand dollars, which had been removed and secreted in trunks before the fire, has been recovered in Denver, and on a ranch in the vicinity of Salida, through efforts of W. Tudor ApMadoc, attorney for the Jewelers Board of Trade, who has followed the affairs of Dennison since they have been in bankruptcy. It is probable that the turn of affairs will enable the creditors to realize a fair percentage on their claims.

The following were among the buyers in the city during the past week: Jay B. Johnson, Goodland, Ind.; A. S. Huey, Elgin, Ore.; M. Blumenstock, Ludington, Mich.; R. J. Litschert, Winchester, Ind.; W. P. Reichert, Canton, Ill.; John W. Hudson and wife, Fortville, Ind.; Mr. Fulton, of Trask & Plain, Kewanee, Ill.; R. H. Trask, of Trask & Plain, Galesburg, Ill.; Mr. Burns, of Burns-Barry Co., Memphis, Tenn.; S. W. Lindsay, Omaha, Nebr.; Mr. Martin, of Martin & Hoerr, Mankato, Minn.; C. H. Clifford, Platteville, Wis.; J. O. Warren, Muskogee, Okla.; Mr. Taylor, of Ludy & Taylor Co., Cedar Rapids, Ia.; J. C. Guy, Carroll, Ia.; Milton E. Leavens, Fulton, Mo.; Mr. Ferguson, of Ferguson & Craig, Champaign, Ill.; Philip Jacoby, Kalispell, Mont.; H. A. Hamilton, St. Joseph, Mich.; and H. B. Shellito, Sault Ste. Marie, Mich.

To the Jobbing Trade.



Judge the question for yourself. Does it pay you to mount your own diamonds when we sell them already set and charge the regular prices for the mountings, and the importer's price for the diamonds, selling them by weight?

See and compare. That's all we ask, and have no fear of the result.



Detroit.

The L. Black Co. has just completed improvements in the interior and exterior of its store, 156 Woodward Ave.

The 100 medals and 50 silver cups awarded as prizes by the State Fair management were manufactured by Noack & Gorenflo, 100 Woodward Ave.

Recent out-of-town jewelers in this city were: W. F. King, Adrian; Mr. Chambers, of Chambers & Stewart Co., Mount Clemens; A. Wagner, of Wagner Bros., Monroe, and A. T. Ward, Saginaw.

The members who attended the 16th annual convention of the International League of Press Clubs at Denver, Colo., were presented with silver and gold souvenir spoons by F. J. Mund, 404 Harrison Ave., Leadville.

Edward R. Roehm, who recently went into the business of manufacturing college fraternity badges and emblems, has finished the work of installing machinery and equipment on the fourth floor of the building corner of John R. St. and Barclay Pl.

Joseph H. Ehrlich is preparing to open a first-class retail jewelry store at 61 Gratiot Ave., on the ground floor of the new Cary building, which is rapidly nearing completion. Mr. Ehrlich is a member of the firm of Ehrlich Bros., manufacturing jewelers, at 316 Hastings St. He was formerly located in Chicago.

Walter Hartwiek, employed in the engraving department of W. A. Sturgeon & Co., 237-241 Woodward Ave., has just finished placing the following inscription, containing 155 characters, on the head or flat surface of an ordinary pin: "This pin was engraved by Walter Hartwiek, of Detroit, Mich., on the 10th day of September, 1906. It is five sixty-fourths of an inch in diameter and 155 letters are engraved upon its surface." It is averred that Eugene Wrenger, an expert engraver of St. Louis, Mo., was the first to experiment in this direction, and sueeeeded in inseribing all the figures from 1 to 9 and all the letters of the alphabet on the head of a pin.

The action of Robert J. F. Roehm in taking three of his employes into the firm has injected new vim and vigor into the business of one of the oldest and best known jewelry establishments west of New York. The store is now being entirely renovated. The members of the new concern, which is known as Robert J. F. Roehm & Co., are: J. V. Varley, in charge of the clock department; Charles R. Miller, engraver and designer, and S. Y. Audretsch, foreman of the manufacturing department. The new partners have been employed by Mr. Roehm for from 12 to 20 years, and each is an expert in his line. Mr. Roehm, the head of the firm, is the dean of Detroit's jewelers. He was born in the Black Forest, Germany, 71 years ago, and came to this country with his parents when a child.

B. F. Wurn, of the H. J. Penfold Co., Omaha, Nebr., was called to Des Moines, Ia., last week, on account of the death of his sister.

Andrew Wilson, Winfield, Kans., has just returned from a visit to Topeka, Kans., where he was called by the serious illness of his brother, Dr. Wilson, an optician.

San Francisco.

TRADE CONDITIONS.

The retail jewelry trade has thoroughly recovered from the effects of the recent car strike, and even a greater volume of business is being done than before that disturbance. Although the present population of the city is only about 75 per cent. of what it was before the fire, and a much greater percentage of this is of the laboring class than usual, without an exception, the jewelers, who have resumed business, state that their daily receipts are heavier than formerly and that their operating expenses are lighter. Just why trade should be so heavy no one seems able to explain, nor can they tell why a higher grade of goods is being sold than before. The wealthy class of people have left town and the tourist trade is now very small, both important factors in the jewelry trade. The explanation can probably be found in the healthy condition of all the local industries and the exceptionally high wages which labor of all kinds is now receiving. The disaster of last April, while it made many rich men comparatively poor, also resulted in making many poor men wealthy, through the rise in real estate values in parts of the city that were formerly neglected. These people are now indulging in the luxuries which were formerly forbidden them and are spending money with a lavish hand. With the rebuilding of permanent houses, thousands of people who are now residing across the bay and in the interior of the State will return to San Francisco, and it will not be long before the population of the city will exceed the figures before the fire. There is little likelihood that there will be any decrease in the demand for jewelry, but those in the business at the present time, of course, do not expect to continue doing the same heavy trade as they are now doing, as new stores are being opened right along and competition thus made greater. The holiday trade is expected to be heavy this year and dealers are now busy selecting goods to have them in readiness for the demand when it sets in in earnest.

The New York Loan Office has opened an office at 713 Golden Gate Ave.

De Ferrari & Peters are now engaged in fitting up a fine new store on Van Ness Ave. near Fulton St.

J. G. Niemi, at one time with Tiffany & Co., New York, and formerly of 1439 Market St., has opened a store at 3 Stuart St.

A great many trophies have been sold within the past few days, an order for 50 having been filled by Hammersmith & Field for the Automobile Club, which is now holding a meet at Del Monte.

Monday morning, Sept. 24, marked the opening of two of San Francisco's largest jewelry stores—that of Shreve & Co. and that of the W. K. Vanderslice Co. Both of these are on Van Ness Ave., near Sacramento St., and their opening will be an important factor in making this section of the avenue the most exclusive shopping district in the city. Both of the new stores are being finished in elegant style, and neither is of the temporary character that marks so many of the structures now being occupied. Shreve & Co. also have their factory in operation. This firm has every confidence in the downtown district, and has renewed its lease on the building at Grant Ave. and Post St. for 15 years. The building is now being overhauled and put into shape for occupancy, and some of the floors will be ready early in the coming year. Shreve & Co. will reserve the same space for themselves as they formerly did, and have succeeded in leasing much of the rest of the building to former tenants. A stock of goods is now on sale here, and it is the intention of the firm to fit this store up again as soon as possible and operate it in conjunction with the one on Van Ness Ave. The latter will probably be maintained for two or three years, or until conditions downtown resume a normal tone again. The W. K. Vanderslice Co. has occupied a store at Post and Devisadero Sts. ever since the fire. Most of their insurance claims have been settled, and the firm will resume business on the same large scale as before, with the same high-grade line of goods. A short-term lease has been taken on the present location, and it is the intention to return to the downtown district just as soon as conditions warrant the move.

Kansas City.

Norman Schwieder was in this city last week on his first trip for E. G. Webster & Son.

W. A. Montague, who travels for H. F. Hahn & Co., and makes his home in this city, was at home last week.

Mrs. E. A. Lane, wife of S. W. Lane, president of the Southwestern Optical College, has been ill for about a week.

Lawrence McIntosh, Oklahoma City, Okla., passed through this city last week on his way to Iowa, to visit relatives.

Emma Fricke, with the Meyer Jewelry Co., has just returned from a trip to St. Louis, Washington, Chicago and the Great Lakes.

S. L. Rhodes, formerly of Ulysses, Nebr., has moved to Coffeyville, Kans. He was in this city last week, buying stock for his new store.

J. W. Brown, who has been engaged in the jewelry business in Pratt, Kans., has taken a position with Ward & Crellin, jobbers of this city.

Mr. Hassig, of the Hassig & Krieke Jewelry Co., who has been over to Excelsior Springs for several weeks, is again at work, much improved in health.

Maybell Mears, a pupil of the Kansas City Polytechnic Institute, who has been at her home in Macon, Mo., for a month, on account of illness, has resumed her studies.

Guy M. Shriner, who has been with Gurney & Ware for a number of years, left last week for Denver, Colo., where he will take a position in the furniture department of the Denver Dry Goods Co.

J. E. Hodgson, M. D., of this city, and Ernst Brill Kessler, King City, Mo., have just enrolled with the Southwestern Optical College. President Lane, of this college, announces that a grinding plant and a chemical laboratory will at once be added to the already complete equipment, with the object of making the college the best equipped in the world.

The following out-of-town jewelers not elsewhere mentioned were in this city last week: Mr. Inge, of the Inge-Burwell Jewelry Co., La Junta, Colo.; F. C. Roder, Higginsville, Mo.; Orville Schrack, of W. H. Schrack & Son, Pratt, Kans.; R. D. Strain, Oberlin, Kans.; H. E. Richardson, with Andrew Wilson, Winfield, Kans.; S. F. Ricker and wife, Great Bend, Kans.; H. R Morris, Edgerton, Kans.; Otto Burkland, Osawatomie, Kans.; A. F. Kendle, Syracuse, Nebr.

Carl Keyes, Mt. Vernon, Ia., has gone to Coalgate, Ind. T., to take charge of the business of the McIntyre-Shortess Jewelry Co., a branch of the South McAlester house.

Minneapolis and St. Paul.

E. E. Spaulding, Minneapolis, representing the Bassett Jewelry Co., is now making a trip through the west.

O. H. Olson, Osceola, Wis., and George K. Munroe, Grand Forks, N. Dak., were in Minneapolis last week.

Charles Olson, Minneapolis, is expected home from Europe next week. He toured Sweden, Germany and France.

C. F. E. Peterson, formerly of South Minneapolis, is nominated for member of the Park Board on the Republican ticket.

Harry G. Smith, of the Chicago office of the Geneva Optical Co., has come to the Minneapolis branch and will travel out of this territory hereafter.

Charles M. Erickson, a jeweler of South Minneapolis, has been formally nominated for Alderman in the Sixth Ward on the public ownership ticket.

Miss Florence Preston, Chicago, will be a new instructor in metal work and jewelry at the Minneapolis School of Fine Arts, Minneapolis, beginning her work in February.

The E. A. Brown Co., St. Paul, has been delayed in getting into its new quarters at 89 E. 6th St. Workmen are now fitting up the building and the firm will move as soon as the work is completed.

S. B. Millard, who is now on the road for the Geneva Optical Co., was injured on a train near Eagle Bend, Minn., recently. The details of the accident are not known, but Mr. Millard sustained a broken rib and other injuries.

The R. G. Winter Jewelry Co.'s store, at 608 Nicollet Ave., Minneapolis, was entered by thieves recently. The window in the front door was broken with a club and about 30 watches were taken. A policeman heard the noise a block away and hastened to the store, but the thieves had escaped.

A bold attempt to rob the store of C. Bergquist & Co., 104 S. 3d St., Minneapolis, was made in broad daylight a short time ago. A stone was thrown through a window in the side door and the thief entered. A policeman, a short distance away, saw the intruder and started for the store. The thief escaped. An investigation showed that nothing had been taken from the store.

Pacific Coast Notes.

Ira C. Dugan, watchmaker for C. A. Whited, Raton, N. Mex., is enjoying his vacation at Colorado Springs.

K. A. Loerch, who was the jeweler at the Barrett-Beauchamp Co.'s store at Clifton, Ariz., for the past year, is now with the Arizona Copper Co.

J. S. Larke, Canadian commercial agent at Sydney, Australia, reports to the Department of Trade and Commerce that exporters will need to watch closely the labeling of their products. A recent decision is of interest to exporters of jewelry. Rolled gold can bear the label, but it must specifically state what percentage of gold was put into the article. In the case of gilt goods it is sufficient if it states that they are gilt goods.

L. A. Eppenstein & Co.
133 Wabash Ave. CHICAGO, ILL.

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OUR CATALOGUE

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It is devoted to illustrations of watches generally, but more particularly to **unique horological novelties.**

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A complete line of Horse Timers, Repeaters, Chronographs, and Split Seconds. Solid Gold, Silver, Enameled and Gun Metal Chatelaines.

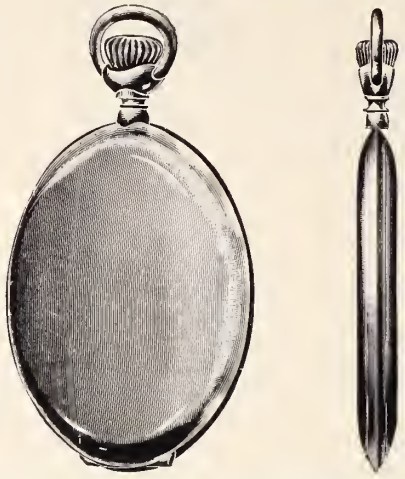
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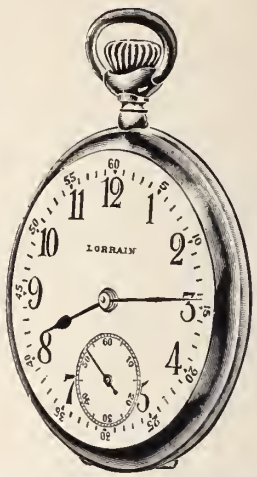
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EXTRA EXTRA FLAT LORRAIN

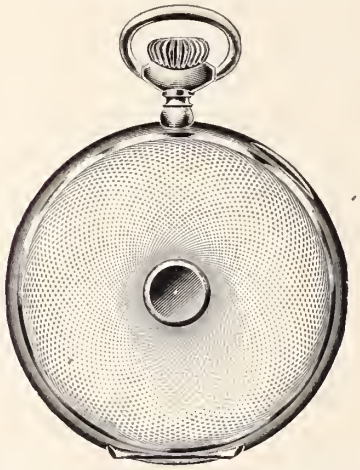
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2385 Gold filled, guaranteed for 20 years, plain polish, Roman, Satin or engine turned, 7 jewel, Lorrain. **$10.50**



2401 Gold filled, guaranteed 10 years, open face, Lorrain, 7 jewels, plain, satin, or Roman finish..... **$8.00**



2406 Gold filled, guaranteed 20 years, open face, engine turned, plain or satin, 7 jewel, Lorrain..... **$10.50**

2407 Gold filled, guaranteed 20 years, open face, engine turned, plain or satin, 15 jewel, Lorrain.... **12.40**



2404 Gold filled, guaranteed 10 years, open face, plain or satin, gold engraved dial, Lorrain, 7 jewel.. **$8.00**

2405 Gold filled, guaranteed 10 years, open face, plain or satin, gold engraved dial, Lorrain, 15 jewel. **10.40**



2371 14 Karat solid gold open face, gold colored, engraved, 15 jewel, Lorrain **$26.40**

2372 14 Karat solid gold open face, gold colored, engraved, 17 jewel, Lorrain **29.90**



2408 Gold filled, guaranteed 20 years, open face, engraved in gold colors, Lorrain, 7 jewel..... **$11.00**

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St. Louis.

J. A. Jerauld, Providence, R. I., was in St. Louis last week.

O. L. Ross, of the L. Bauman Jewelry Co., departed last week for his western trip.

Harry E. Farquharson, a manufacturer's agent of Chicago, was a visitor here last week.

Mrs. A. T. Hollister, Monett, Mo., was here last week, buying Fall goods for Mr. Hollister's store.

J. C. Walton, Fort Worth, Tex., stopped in St. Louis on his way home, after a vacation trip, last week.

Paul E. Pautler, vice-president of the Brooks Jewelry & Optical Co., has gone to Texas on a business trip.

Louis Storch, of the Commercial building, has gone on a business trip through the western part of Missouri.

The L. Bauman Jewelry Co. will enlarge its headquarters in the Equitable building and will add three safes to the office equipment.

J. A. Klaus, formerly of Klaus & Spotts, 3518 Easton Ave., is now with Herman Mauch, 507 Franklin Ave., as a watchmaker.

Carl Gross has been added to the traveling staff of the Bauman-Massa Jewelry Co. He will handle jewelers' materials and tools exclusively.

E. P. Stewart, of E. P. Stewart & Bro., Hope, Ark., stopped over in St. Louis last week, on his way home from a visit to Oakland City, Ind.

The divorce suit of Arlington R. Brooks against Harriet R. Brooks has been voluntarily dismissed in the St. Louis County Circuit Court at Clayton.

J. Newman and W. F. Wilmes, of Aller-Newman-Wilmes Jewelry Co., returned to their respective territories after spending several days at headquarters.

The Eisenstadt Mfg. Co., Friday afternoon began the work of moving from the old quarters in the Holland building to its new place in the Star building, 12th and Olive Sts.

The Retail Jewelers' Association of Missouri held a special meeting last week, at which it was decided to present a bouquet to the Eisenstadt Mfg. Co. on the occasion of the opening of its new store.

Mr. and Mrs. Charles H. Bard, Sedalia, Mo., celebrated the 10th anniversary of their wedding on Monday of last week. Some of their friends from St. Louis remembered them with appropriate gifts.

Ed. Massa, vice-president of the Bauman-Massa Jewelry Co., has returned from a business trip through Iowa and Nebraska. S. L. Lowenstein and Leo Bauman, of the same firm, have returned from trips in their respective territories.

Word was received in St. Louis last week of the death at Mt. Clement, Mich., of Ed. Reid, a well known watchmaker. Mr. Reid was employed by A. Kurtzeborn & Sons, 310 N. 6th St., until about four months ago. He had suffered from rheumatism and left here on account of his ill-health.

C. E. DeLong, Denison, Tex., who was in St. Louis recently, has engraved the Lord's Prayer on the head of a pin 2.7 millimeters in diameter. The pinhead is .7 of a millimeter larger in diameter than the head of an ordinary pin. By the aid of a jeweler's glass every word of the prayer may be distinctly seen.

Among the visiting jewelers in St. Louis last week, not elsewhere mentioned, were: Jessie V. Zimmerman, Little Rock, Ark.; A. H. Hoppe, Apalachicola, Fla.; H. Heinz, Jr., Mt. Olive, Ill.; V. T. Ellis, Stamps, Ark.; A. W. Brassler, Malvern, Ark.; H. H. Graham, Hattiesburg, Miss.; Mr. and Mrs. M. L. Greenstreet, Owensville, Ky., and Mr. and Mrs. A. H. Krause, Greenville, Ill.

The Board of Police Commissioners recently awarded a gold medal to Patrolman Thomas Cuddihee, of Central district, for having made the best arrest in the last year. The medal was won by the arrest of David Henderson, an alleged negro thief, charged with the robbery of the jewelry store of William F. Mueller, on Olive St., near 18th St. Cuddihee caught the negro in the act, but Henderson battled with him, broke away and ran. Cuddihee shot the fugitive in the jaw as he was running.

Cincinnati.

The Frank Herschede Co. is enlarging its silver department.

Jacob Dorst, of the Dorst Co., is recuperating at Mt. Clemens, Mich.

Richard Welling, watchmaker for H. A. Rohs, Cynthiana, Ky., was a visitor to this city last week.

A. & J. Plaut have lately added to their road force Jesse Ray, formerly with Wallenstein, Mayer & Co.

H. M. Bohmer, watchmaker for Lindenberg, Strauss & Co., has returned from a two weeks' pleasure tour of the Lakes.

Carl A. Thoma, of Thoma Bros., is receiving many congratulations on his recent marriage to Miss Ada Longnecker, Eaton, O.

The marriage of Miss Florence Owen, daughter of William Owen, and Lester Du Pont Collier is announced to take place Oct. 3.

Henry Meyer, Birmingham, Ala., stopped here while en route to Asheville, N. C., from Martinsville Springs, Ind., where he has been for his health.

Charles Baker, bookkeeper for the Clemens, Oskamp Co., is receiving the felicitations of his friends in the trade upon his recent marriage to Miss Bessie Salt, of this city.

A. W. Burt, of Richter & Phillips, and his bride have returned from their honeymoon in the east. K. Schraeder, of this firm, is also back from the Rocky Mountains.

George H. Newstedt was one of the party in the Cincinnati Business Men's Club trip to the Blue Grass Fair at Lexington, Ky., last week. It was Cincinnati Day and the trip is expected to do much to establish a closer commercial relationship between Cincinnati and the Blue Grass country.

Jacob Morris, an upper Vine St. jeweler, was arrested last week on a warrant charging him with receiving stolen goods. Mrs. Sparks, Gilman Ave., alleges that Herman Vogel, recently arrested, sold to Jacob Morris, for $25, a $400 diamond ring which he had stolen from her. Morris denies the charge.

Upon complaint of the Homan Mfg. Co. an injunction was issued last week in the Superior Court against the Silver Workers Union No. 21, restraining the members of the latter from interfering with strike-breakers at the company's plant. It is claimed by the company that the Union men made a demand for more money and a further restriction on the number of apprentices employed, and when the concern refused to meet the demand, this was followed by a general strike of factory employes. Since then the concern has employed non-union men whom, the company claims, have been threatened and interfered with by the strikers.

Out-of-town dealers who were here last week buying stock and attending the Fall festival included H. E. Battelle, Mason, O.; D. A. Sewall, Wilmington, O; H. S. Freelan, Seamon, O.; M. B. Ullery, Covington, O.; Olnhausen & Smith, Celina, O.; John F. Krohme, Jr., Clarksburg, W. Va.; J. A. Conn and wife, Bowling Green, Ky.; E. Israel, Harrison, O.; E. W. Muntz, Hillsboro, O.; D. R. Dekle, McRae, Ga.; E. B. O. Smith, Lancaster, O.; A. C. Jacob, Wapakoneta, O.; W. C. Hollinger, Madisonville, Ky.; A. Wahlrab, Dayton, O.; Bert Ellis, Washington Court House, O.; C. H. Jewell, Louisville, Ky.; R. G. Tafel, Louisville, Ky.; John M. Irmen, with Wm. Kendrick's Sons, Louisville, Ky.; H. A. Ireland, of Ireland Bros., West Union, O.; H. Stutie, Osgood, Ind.; P. W. Starks, Manchester, O.; Mr. and Mrs. E. Tiffany, Xenia, O.; Mr and Mrs. August J. Vial and wife, Horse Cave, Ky.; O. E. McWaters, Somerset, Ky.; W. L. Wilhelm, Portsmouth, O.; A. Clooney, Maysville, Ky.; C. A. Nettles, Eutaw, Ala.; B. W. Martin Harriman, Tenn.; Herman Vollmer and wife, Princeton, Ind.; L. E. Lane and wife, Richmond, Ky.; N. C. Anderson, Fargo, N. Dak.; O. C. Beer, Sunman, Ind.; J. B. Swain, Sidney, O.; William Kessler, Logan, O.; F. J. Yeager, Richmond, Ky.; O. B. Lively, Fayetteville, Ky.; Peter Wilkanson, Miamisburg, O.; Charles Schraeder, Evansville, Ind.

New Orleans, La.

T. Hausmann & Sons, 818 Poydras St., are to build an entirely new entrance to their store and put in a glass front the length of the building.

J. Julius Weinfurter was recently called upon to present a handsome gold medal to Director Braun at the close of the Summer concerts in Audubon Park. The medal, which was furnished by the Weinfurter Jewelry Palace, was of unique design and pattern.

At the recent meeting of the Canadian Manufacturers' Association at Winnipeg, Man., the insistence upon a higher tariff was again the most important feature of the meetings. The object of the association is to make the tariff so high as to exclude all imports of goods that are manufactured in the Dominion, whether from the mother or foreign countries. The preference to the United Kingdom is not objected to so long as it favors goods not produced in this country.

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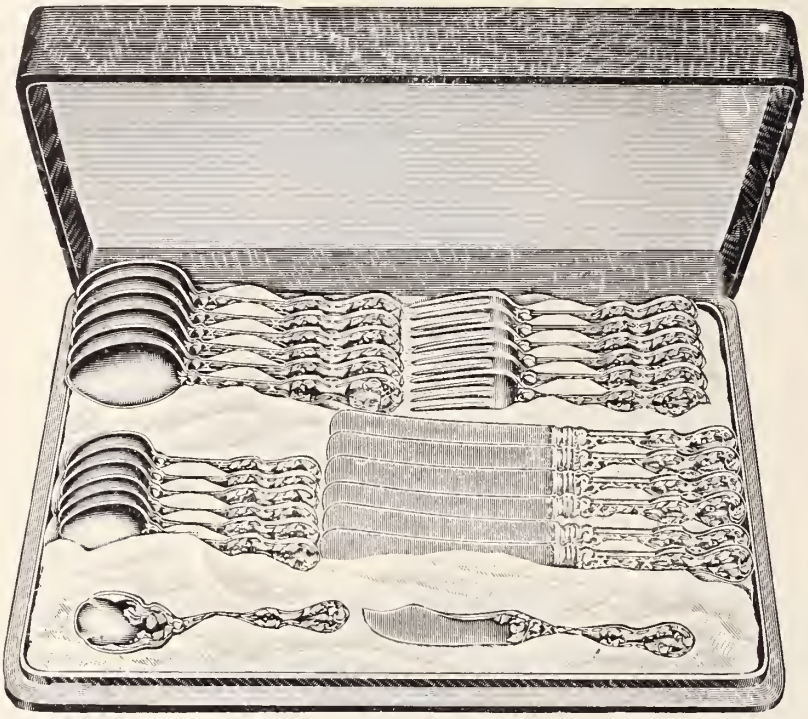
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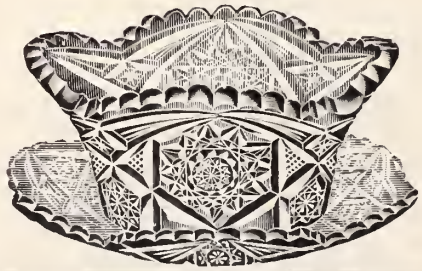
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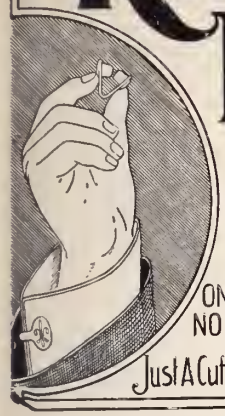
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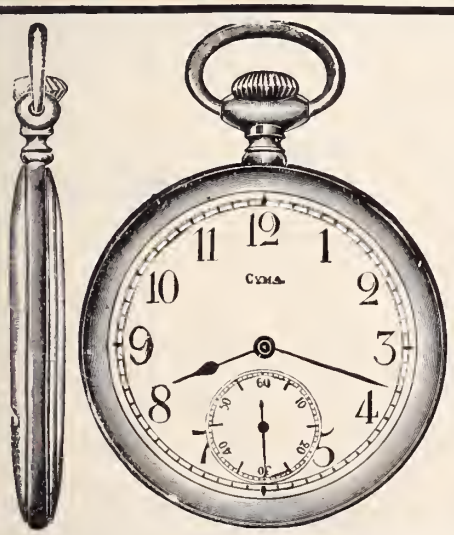
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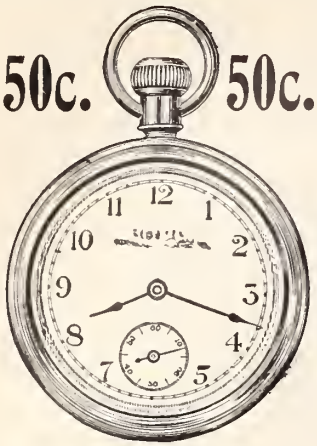
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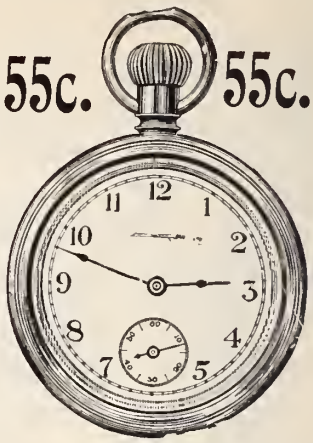
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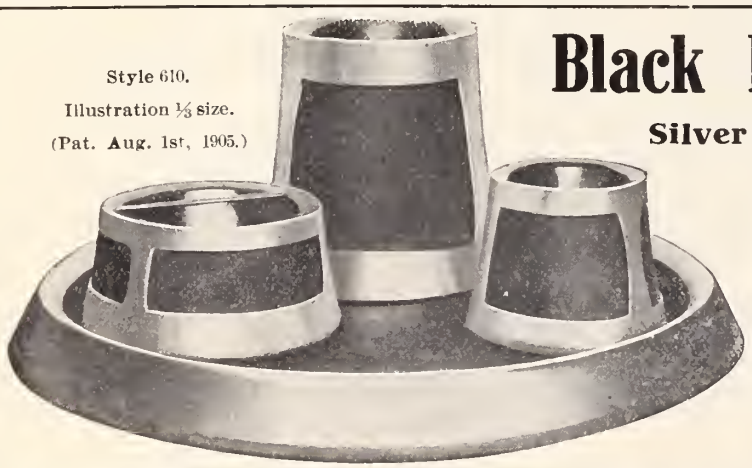


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INDEX TO ADVERTISEMENTS.

Aikin-Lambert Co. 120
Allsopp & Allsopp 36
Alvin Mfg. Co. .....Inside front cover
American Cuckoo Clock Co..... 103
American Gem & Pearl Co..... 65
American Platinum Works..... 120
American Ring Co. 42
American Silver Co. 23
Apollo Silver Co. 118
Arch Crown Mfg. Co. 68
Arnstein Bros. & Co....54, Outside back cover
Austin, John, & Son.....Outside back cover
Aztec Turquoise Co. 64
Bagg, Perine & Co. 62
Ball, Webb C., Watch Co. 74
Baschkopf, Jacob 110
Bassett Jewelry Co. 44
Bastian Bros. 29
Bates & Bacon 31
Berge, J. & H. 110
Bigalke & Eckert Co. 92
Bigney, S. O., & Co. 4
Billings, Chester, & Son 58
Bing, Ferdinand, & Co.'s Successors..... 112
Bishop, R. W. 123
Blackinton, R., & Co..... 18
Blackinton, W. & S., Co..... 24
Blancard & Co. 122
Boote, Edward 119
Borrelli & Vitelli 92
Bowden, J. B., & Co. 37
Bradley Polytechnic Institute 110
Breitenbach, C. G., & Co. 84
Brower, Maurice 58
Brown, Jos., & Co. 103
Bruhl Bros & Henius Co....Outside back cover
Bryant, M. B., & Co..... 37
Buckley, Samuel, & Co. 58
Bunde & Upmeyer Co. 54
California Jewelry Co. 56
Carrington & Co. 32
Carter, Howe & Co..... 33
Chatham National Bank..... 70
Chopard Frères 56
Cohen, Jules E. 85
Conley & Straight 122
Cooper Diamond Co. 58
Cooper & Forman 35
Cottle, S., Co. 34
Crohn, M. 36
Cross & Beguelin 45, 68
Crouch & Fitzgerald 119
Day, Clark & Co. 35
Deacon, Louis J. 52
Depasse Mfg. Co. 32
De Selms Watch School 102
Diamond Point Pen Co. 120
Didisheim, Hipp. & Bro. 98
Donnelly, J. J. 122
Doran, Bagnall & Co..... 44
Dorflinger, C., & Sons. 114
Dubois Watch Case Co. 102
Duffner & Kimberly Co. 119
Dulk, Robert 32
Durand & Co. 32
Eden, C. H., Co. 30
Eichberg & Co. 64
Elgin National Watch Co. 96
Eliassof Bros. & Co. 56
E. P. H. Chain Catch..... 36
Eppenstein, L. A., & Co..... 82
Fahys, Joseph, & Co. 1
Fairchild & Co. 120
Feeley, W. J., Co. 42
Follmer, Clogg & Co. 28
Forman Co. 116
Forsinger, J. W. 101
Foster, Theodore W., & Bro. Co. 46
Freund, Henry, & Bro. 41
Friedlander, P., L. & M....Outside back cover
Garreaud & Griser..... 85
Gesswein, F. W., Co. 110
Goldsmith, C. P., & Co. 27
Goodfriend Bros. 60
Gorham Co. 66
Griffoul, August. 110
Gruen, D., Sons & Co. 72
Guardian Trust Co. 70
Guerin, Wm., & Co. 116
Hagstoz, T. B., Ltd. 122
Hamilton & Hamilton, Jr..... 9
Hammel, Riglander & Co. 121
Hanson & Van Winkle Co..... 124
Harris & Harrington.....Outside back cover
Hedges, A. J., & Co. 32
Hedges, Wm. S., & Co..... 60
Heintz Bros. 37
Heller, L., & Son. 52
Herpers Bros. 110
Hirsh & Hyman .....Outside back cover
Hodenpyl & Walker 52
Hoe's, James C., Sons. 123
Holsman & Alter 86
Holtzer-Cabot Electric Co. 123
Honesdale Decorating Co. 114
Hotel St. James 120
Hraba, Louis W. 37
Humphrey, John B., Co..... 85
Hutchison & Huestis 43
Illinois Watch Co. 8
International Gem Co. 64
International Silver Co. 17, 21, 22
Jacot Music Box Co..... 114
Jeandheur, F., Jr. 110
Jeanne, Frederick A. 60
Jewelers' League 124
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 74
Juergensen, Jules 100
Kahn, L. & M., & Co.....Outside back cover
Kassel, Abe. 122
Kaufman, Louis, & Co..... 60
Keck, Herman, Mfg. Co..... 74
Keller Jewelry Mfg. Co. 12
Kent & Woodland 35
Keppler, George 110
Ketcham & McDougall 110
Klipper Bros. 103
Kohlbusch, Herman, Sr. 40
Kohn, Alois, & Co. 34
Kohn & Co. 39
Koshland & Italie Co. 40
Lackner & Ohl 116
Langendorf Watch Co. 100
Larter & Sons 48
Lederer, S. & B., Co. 42, 43
Lelong, L., & Bro. .....Outside back cover
Leon Watch Case Co. 86
Levy, Robert 25
Lewy & Cohen 33
Libbey Glass Co. 114
Lisner, D., & Co. 27
Lissauer & Co. 56
Loeb, Wm., & Co. 42
Lorsch, Albert, & Co. .....Outside back cover
Lowe, Edwin, & Co., Inc..... 45
Luthy & Hine 33
Lyons Gem Co. 85
Maebert & Reiss 121
Manning, Bowman & Co. 20
Maple City Glass Co..... 114
Market & Fulton National Bank..... 70
Martin, S. 116
Mathey Bros., Mathez & Co. 103
Mercantile National Bank 71
Meriden Silver Plate Co. 22
Meyerowitz Bros. 56
Miller, Fuller & Whiting 44
Moe, Charles 37
Monroe, R. G., & Co..... 64
Moore & Sons. 36
Morgan, John, Sons. 118
Mount & Woodhull 62
Myers, S. F., Co. 122
Nassau Bank 65
Nebeling, Edmund R. 85
New York Central Railroad 118
Nissen, Ludwig, & Co. 62
Noel, Rudolph, & Co. 74
Noterman, Jos., & Co. 85
Ohan, G. 121
Ohio Cut Glass Co. 84
Oliver Typewriter Co. 124
Ollendorf, L., Co. 38
Oppenheimer Bros. & Veith..... 50
Oppenheimer, H. E., & Co. 50
Oriental Bank 70
Orkin Bros. 42
Osmun-Parker Mfg. Co. 32
Osthy & Barton Co..... 29
Page-Davis Co. 118
Pairpoint Corporation 116
Parks Bros. & Rogers 26
Passmore Gem Co. 56
Patek, Philippe & Co. 100
Penfold, Wm. C., Co. 101
Percival, D. C., & Co. 72
Pitcairn, W. S. 116
Potter & Buffinton Co.. 43
Power, Chas. L., & Co..... 60
Powers & Mayer 13
Price, Cyrus, & Co. 52
Prior, Charles M..... 38
Pryibil, P. 123
Pryor Novelty Co. 45
Racine, Jules 102
Reichhelm, E. P., & Co. 110
Renziehausen, W. F., Co. 122
Revell, A. H., & Co. .....Outside back cover
Rice's, Bernard, Sons 118
Richardson, Enos, & Co. 35
Ries & Armstrong 85
Riviere Brass & Bronze Works 118
Robert, Edmund E. 100
Rockford Silver Plate Co. 30
Rockford Watch Co..... 86
Roger Williams Silver Co. 39
Rohrbeck, John E. 33
Roseman, A. 52
Ross, Saltman & Anderson 36
Rothschild Bros. & Co. 40
Roy Watch Case Co. 102
Rudolph & Snedeker 100
Rumpp, C. F., & Sons..... 119
Sadler, F. H., Co. 41
Saunders, Meurer & Co. 66
Scharling & Co. 38
Schiff, M. 34
Schultz, Leiss & Co. 28
Scofield & De Wyngaert 34
Sessions Clock Co. 101
Seymour, Cassius W. 38
Shiman Bros. & Co. 86
Simpson, Hall, Miller & Co..... 17
Smith, Alfred H., & Co. 50
Smith, E. H. H., Silver Co. 122
Smith, Frank W., Co. 14
Snow & Westcott 33
Sohn & Hyman 85
Solidarity Watch Case Co. 45
Spencer, E. L., Co. 42
Staninger, E. E. 85
State Bank 70
Steiner, Louis 38
Stern Bros. & Co. .....64, Inside back cover
Sternau, S., & Co. 26
St. Louis Silver Co. 86
St. Louis Watchmaking School..... 90
Strauss, Ignaz, & Co....120, Outside back cover
Street, Geo. O., & Sons..... 37
Tavannes Watch Co. 85
Thomas, Seth, Clock Co. 98
Trenton Watch Co. 98
Trout, Charles L., & Co. 33
Van Dam, Eduard 58
Wadsworth Watch Case Co.....6, 7
Wagner Mfg. Co. 34
Waite-Thresher Co. 44
Waltham Watch Co. 94
Washburn, C. Irving 86
Weizenegger Bros. 32
Wells, Chester H..... 119
Wendell & Co. 5
Western Clock Mfg. Co..... 102
Wheeler, Hayden W., & Co. 50
Whiting & Davis 31
Whiting, Frank M., & Co..... 19
Whiting Mfg. Co. 15
Wittnauer, A., Co. 100
Wodiska, Julius 39
Wolfsheim & Sachs..... 40
Wood, C. F., & Co. .....Outside back cover
Wood, J. R., & Sons. 2, 3
Woodside Sterling Co. 16

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Situations Wanted.

POSITION desired by young lady, as engraver to wait on trade, etc., in wholesale or retail house. Mattie E. Liddle, North Creek, N. Y.

ENAMELER, on all grades of work, desires position; capable of taking charge of help. Address "R. I., 7666," care Jewelers' Circular-Weekly.

POSITION desired by young lady, as engraver, to wait on trade, etc., in wholesale or retail house. "Either, 7772," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker wants permanent position; 10 years' experience; salary not less than $20 a week. R. T. Drumtra, 109 W. Hill St., Champaign, Ill.

WATCHMAKER, 27 years old, 11 years' experience at bench; not under $22; according to location. Address "A1, 7678," care Jewelers' Circular-Weekly.

WANTED, position by young lady as general letter and monogram engraver; willing to act as saleslady. Address "B., 7667," care Jewelers' Circular-Weekly.

ENGRAVER, 26, wants steady position; can do some jewelry and clock repairing; Ohio or nearby States preferred. Address E. R. Whiston, Cortland, O.

YOUNG MAN, 20, desires permanent position in a wholesale jewelry house; good penman and reference. Address "C. G., 7739," care Jewelers' Circular-Weekly.

DIE CUTTER, first class on sterling silver, flat and hollow ware, wishes position; 13 years' experience; references. Address "G., 7709," care Jewelers' Circular-Weekly.

A1, PRACTICAL watchmaker, desires a position with a first class house; railroad work preferred; A1 references. Address "W. F. L., 7668," care Jewelers' Circular-Weekly.

WANTED A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

WANTED, position by a young lady as general letter and monogram engraver and saleslady; experienced; reference. Address "E. D., 7721," care Jewelers' Circular-Weekly.

REPAIR MAN, 20 years jewelry store manager; American; age 39; work any days except Saturdays; best reference; east preferred. "H. M., 7669," care Jewelers' Circular-Weekly.

WANTED, a position as traveling salesman with a first class house; good references and ample security. Address "Experienced Salesman, 7715," care Jewelers' Circular-Weekly.

WATCHMAKER, practical on complicated and railroad work; over 20 years at the bench; Delaware or Maryland preferred. Address "J. W., 7711," care Jewelers' Circular-Weekly.

YOUNG MAN wants position in Texas as watch repairer and jeweler; $12.50 a week; come on trial; Ft. Worth or Dallas preferred. Address "T. M., 7708," care Jewelers' Circular-Weekly.

YOUNG MAN desires a position as engraver; can do carving, chasing, saw pierced monograms, lettering, ornamental work; state salary. Address "P., 7677," care Jewelers' Circular-Weekly.

YOUNG MAN (21), six years' experience in wholesale silver house, understanding business thoroughly, desires change; can furnish A1 reference. "Silver, 7737," care Jewelers' Circular-Weekly.

REFINED young lady desires position as cashier or general office assistant; first class references; good handwriting; speaks and writes German fluently. "M. M., 7712," care Jewelers' Circular-Weekly.

YOUNG MAN (24) would like to change to more active house; seven years and still with diamond importer and mounted goods house; best references. "F. J.," care Weber, 41 Maiden Lane, New York.

MAN, with 15 years' experience in the retail jewelry business, desires engagement with a reliable house as salesman or head watchmaker. Address "Y. F. B., 7582," care Jewelers' Circular-Weekly.

YOUNG LADY desires position; two years' experience with manufacturing jewelry concern; knowledge of bookkeeping; can furnish best references. Address "R., 7671," care Jewelers' Circular-Weekly.

SITUATION WANTED as first class watchmaker, engraver and salesman in New York City; competent; 15 years' experience; reliable; reference. Address "U., 7680," care Jewelers' Circular-Weekly.

ENGRAVER, young man desires position to finish trade; good letterer on silverware; also have some knowledge of script copper plate engraving; samples on request. "Samples, 7605," care Jewelers' Circular-Weekly.

ASSISTANT factory foreman wants position as foreman or assistant; am first class jeweler, can handle men and accomplish A1 results; references. Address "Assistant, 7302," care Jewelers' Circular-Weekly.

LETTER, monogram and souvenir spoon engraver; can assist on clock and jewelry; reference; Kansas preferred; salary, $15; open Oct. 15. Address J. R. Kandler, 614 South G St., Wellington, Kans.

SITUATION WANTED, in a western city (Detroit preferred), by a young lady to take charge of store, or as engraver and saleslady; for further information address Dan. I. Murray, 3 Maiden Lane, New York.

BY FOREMAN and designer; first class on gold and platinum diamond work; 14-K. artistic jewelry and fancy rings; fully experienced in above position. A. Thieme, care E. P. Reichhelm & Co., 23 John St., New York.

YOUNG MAN, now employed in office of a large manufacturing concern, desires to make a change; three years' experience as inside salesman; can give reference. Address "R. S., 7714," care Jewelers' Circular-Weekly.

YOUNG LADY, thoroughly experienced in the jewelry business, would like a position of responsibility in the capacity of assistant buyer; must be permanent position. Address "G. L., 7695," care Jewelers' Circular-Weekly.

POSITION WANTED by a young man; experienced general letter and monogram engraver, salesman and window trimmer; the position must be permanent throughout the year. Address "K., 7731," care Jewelers' Circular-Weekly.

YOUNG MAN, first class letter and monogram engraver, wants a position where he can exchange his services as such for an opportunity to learn chasing; references and samples of work. "L. G., 7504," care Jewelers' Circular-Weekly.

SALESMAN; 20 years' experience with jobbing trade, also large acquaintance with retail trade, desires to make change Jan. 1; would invest $10,000 to $20,000 in business with right party. Address "S. F., 7663," care Jewelers' Circular-Weekly.

SALESMAN, with wide experience and thorough knowledge of department store trade, wishes to secure first class gold or plate line for New York City and the visiting trade; salary or commission. "J., 7498," care Jewelers' Circular-Weekly.

WANTED, to correspond with A1 house, who desires a traveling salesman by Jan. 1, by one who is a hustler; can give the very best of references and have all around experience in southern territory. Address "P., 7776," care Jewelers' Circular-Weekly.

HIGH GRADE salesman, who thoroughly understands the jewelry business, is open for position in 1907 to represent manufacturer's line, on salary or commission, for western and northwestern territory. Address "S., 7652," care Jewelers' Circular-Weekly.

FIRST CLASS engraver, experienced in all kinds of letter and monogram work, desires position with reliable retail firm, as engraver and salesman, or as engraver only; can furnish first class samples and references upon request. Address "S., 7710," care Jewelers' Circular-Weekly.

A POSITION as manager of jewelry, watch and silver house (or departments), by an experienced merchant jeweler, who has mechanical and technical knowledge in every branch of the business; can determine present and advertise house insuring continuous growth and prestige; address by letter. "C. H. D.," care Mr. Lee Wiltse, 96 Maiden Lane, New York.

SALESMAN of experience, well acquainted with the large buyers as well as the general trade east of Chicago, wishes to connect with a manufacturer; at present employed; good reasons for desiring change; would consider offer for this season or Jan. 1; A1 references; straight salary or salary and commission. Address "H., 7693," care Jewelers' Circular-Weekly.

A FIRST CLASS position wanted by expert watchmaker of 30 years' experience, in timing and adjusting high grade watches and railroad inspections; capable of managing a watch repairing department; good salesman; understands the jewelry line and is good judge of diamonds; will go south or to Texas. Address "S., 7646," care Jewelers' Circular-Weekly.

WANTED; did it ever occur to you that a man was never born with a sample case in his hand; am aggressive, fairly good looking, and not afraid of work; am familiar with the jewelry business, but no road experience; am willing to start on a small salary; do you want to trust your line for 1907 in my hands? Address "T., 7672," care Jewelers' Circular-Weekly.

HIGH GRADE watchmaker, 23 years, expert on complicated and railroad work, adjuster, engraver, optician and jewelry repairer, desires a change by Oct. 15 to Nov. 1; finest set of tools and trial case; A1 references; only first class houses; northwest, Washington, Montana or Rocky Mountains preferred. Address C. Koch, care G. M. Buter, Manufacturing Jeweler and Time Inspector, Deadwood, S. D.

A REFINING and assaying expert, desires to connect with one or more of the larger manufacturing concerns using the precious metals, to follow up their refining; having had a number of years refining experience, and acquired all the methods used, can utilize many money saving schemes. Address, "Box, 7753," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, competent engraver and jeweler, or engraver and salesman. Frank B. Ross, Columbus, O.

WANTED, clock repairer and assistant watchmaker. G. D. Davidson, 163 Newark Ave., Jersey City, N. J.

WANTED, AT ONCE, first class jeweler and engraver; permanent position. Garibaldi & Bruns, Charlotte, N. C.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, first class jeweler and engraver; send sample of engraving. Address A. J. Renkl, Augusta, Ga.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

WANTED, JEWELER; good repairer and to assist on clocks; permanent position. A. Hollinger, 1216 Third Ave., New York.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

A SINGLE MAN as watchmaker; steady employment; send reference and wages wanted. E. L. Glouskin & Co., New Haven, Conn.

WANTED, first class watchmaker; permanent position for a thoroughly competent man. J. Wiss & Sons, 683 Broad St., Newark, N. J.

WANTED, jeweler and optician or jeweler and engraver; good position to the right man. Address J. K. Roumain, Baton Rouge, La.

STONE SETTER and jeweler, one of experience; steady position for right man. Write Orkin Bros., 373 Washington St., Boston, Mass.

WANTED, AT ONCE, a good watchmaker, jeweler and engraver; permanent position; salary, $18 per week. Hill & Co., Rockdale, Texas.

WANTED, an assistant watchmaker and engraver; permanent position and good pay to competent man. E. W. Button & Co., Bridgeport, Conn.

HELP WANTED.—Continued.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

WANTED, young man as engraver, assistant watchmaker and jewelry repairer; steady position. C. Howard Daley & Co., Danbury, Conn.

WANTED, first class gold engraver; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, AT ONCE, first class watchmaker, who can engrave; good wages and permanent position to the right man. J. H. Thomas, Bristol, Tenn.

WANTED, watchmaker who is accustomed to retail jewelry store; good all around man; southern man preferred. Fred E. Vaissiere & Co., Rome, Ga.

WANTED, fine engraver; man capable of doing good watch work; good salary and steady position to the right man. S. Joseph & Sons, Des Moines, Ia.

WANTED, an assistant engraver; one who can help out on clocks preferred; permanent position to right man. Henry Kohn & Sons, Hartford, Conn.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

ONE JEWELER, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

EXPERT watchmaker and good engraver wanted, at once; state salary, experience, reference and age. Address R. J. Satterthwait, Kanawha Co., Charleston, W. Va.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Ala.

GOOD WATCHMAKER and engraver, at once. Address, Thos. J. Apryle, Johnstown, Pa.

WANTED, a good jeweler, one capable of doing job, new work and stone setting; good, steady position to right party. "B. T., 7654," care Jewelers' Circular-Weekly.

ENGRAVER, one who understands jewelry repairing; $20 per week and permanent position to good hand. Address "Virginia, 7614," care Jewelers' Circular-Weekly.

WANTED, a first class watchmaker; also a good second watchmaker; good pay; permanent positions; reply with references. Geo. R. Calhoun & Co., Nashville, Tenn.

WANTED, first class watchmaker and engraver, or optician and engraver, at once; good wages and steady position. Wm. B. Joseph, 405 State St., Schenectady, N. Y.

WATCHMAKER and engraver; references required; permanent position; must be able to wait on trade; wages, $18 per week. W. F. Kaiser, Brownsville, Pa.

WATCHMAKER and engraver wanted; permanent positions for men competent to handle high class trade. Morsman & Feagans, Gold and Silversmiths, St. Paul, Minn.

WANTED, an engraver and watchmaker and an all around man for a prominent city of the south; good position. Address W. Green & Co., 81 Nassau St., New York.

WANTED, good watchmaker who can also do general store engraving; permanent position; good wages. Address "Jeweler A., 7492," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver; good wages and steady position to right party; state wages expected and give references. Reid & Todd, Bridgeport, Conn.

WANTED, second watchmaker, jeweler and good optician, at once; wages, $15 to $18; town of 6,000; send reference in first letter. Will L. Fredeking, Hinton, W. Va.

FIRST CLASS watchmaker, engraver and salesman; permanent position; salary, $20 per week. Rundhack Bros., 2196 Third Ave., bet. 119th and 120th Sts., New York.

WANTED, an experienced traveling salesman for southern territory, for a good side line, on commission basis of 15 per cent. Apply "W., 7747," care Jewelers' Circular-Weekly.

WANTED, an experienced salesman to take a line of silver plated ware on commission, through the middle States. Address L. A. Littlefield Silver Co., New Bedford, Mass.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

WANTED, four first class watchmakers who engrave, for good positions in Colorado; good pay to the right men. W. W. Hamilton & Co., Wholesale Jewelers, Denver, Colo.

WANTED, first class watchmaker with complete outfit of tools for permanent position, at once. Address The Webb C. Ball Watch Co., Superior and Seneca Sts., Cleveland, O.

WANTED, strictly first class watchmaker, engraver and salesman; high salary; permanent position; send reference and sample of engraving. J. S. Pfeiffer, Parsons, Kans.

MANUFACTURING JEWELER and diamond setter wanted for permanent position; give experience, references and wages in first letter. Brock & Feagans, Los Angeles, Cal.

WANTED, good engraver and jewelry repairer, at once; send particulars and sample of engraving; permanent position to right man. A. Seidensticker, 237 High St., Hamilton, O.

MORSMAN & FEAGANS, jewelers, St. Paul, Minn., require the services of a jewelry salesman; permanent position of trust for man of experience and proper qualifications.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WANTED, WATCHMAKER, must be exceptionally good workman, capable of taking charge of department; high wages; permanent position. Henry Kohn & Sons, Hartford, Conn.

WANTED, watchmaker and jeweler to help out for two or more weeks while our man is on vacation; New York State town. Address "A. G. R., 7757," care Jewelers' Circular-Weekly.

IT WILL PAY a first class watchmaker and engraver, having a complete set of tools, to correspond with Geo. B. Rose, La Crosse, Wis.; none but experienced men need apply.

WANTED, jobbing jeweler and engraver, or good jeweler; permanent position; good salary; give full particulars in first letter. Fellencer & Leitheiser, 815 Hamilton St., Allentown, Pa.

AT ONCE, good watchmaker, engraver and optician; salary and commission on prescription work; permanent place; send references in first letter. Wm. H. Welch, Demopolis, Ala.

WANTED, first class jewelry repairer and engraver; permanent position and good wages to competent man; send samples of engraving. Address F. L. Wilson Co., Danbury, Conn.

WANTED, jobbing and manufacturing jeweler; must be first class stone setter and good workman, sober, steady, reliable, strictly honest and agreeable. E. B. Roser, Wellington, Kans.

WATCHMAKER WANTED; must be thoroughly competent and able to do some engraving and jewelry repairing; salary, $20 per week; permanent position. A. Zurhellen, Natchez, Miss.

WANTED, young man as jeweler and salesman; one ambitious to improve on watchwork; salary depends on ability; close at 6; state all particulars. T. W. Morrison, Newburgh, N. Y.

WANTED, a salesman to carry side line of 14-K. jewelry in New York State, Ohio, Michigan, Illinois and Indiana, on commission. Address "B., 7698," care Jewelers' Circular-Weekly.

WANTED, a first class jeweler for all around cluster and regular diamond work; good salary and steady position to the right man. Address Sam. Tronstein, 143 Euclid Ave., Cleveland, O.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

FOR VIRGINIA, an assistant watchmaker; person of good address; one who can do some engraving preferred; permanent position; $15 per week. Address Room 711, 2 Maiden Lane, New York.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WANTED, in Alabama, a first class engraver and good jeweler; good salary and steady position to the right man; must have good reference. Address "C. T., 7768," care Jewelers' Circular-Weekly.

WANTED, in a first class retail store in Virginia, an assistant watchmaker; a good opening with chance for advancement for the proper party. Address "S. F., 7716," care Jewelers' Circular-Weekly.

"OPPORTUNITIES" describes several hundred positions now open for salesmen; executive, clerical and technical men, at $1,000 to $5,000; sample copy free. Hapgoods, 305 Broadway, New York.

WANTED, first class watchmaker permanent position at good salary; also second man on watches, clocks and jewelry for Connecticut; answer by letter. Ehlers & Co., 90 William St., New York.

WANTED, first class watchmaker who can also engrave, for one of the largest cities in Louisiana; good wages and permanent position to right party. Apply Heyman & Kramer, 65 Nassau St., New York.

WANTED, a good watchmaker and jeweler; one who can do plain engraving; a good, steady position for the right man; state age, experience, salary and full particulars in first letter. W. M. McNeal, Atlanta, Ga.

WANTED, first class engraver; one who can turn out work promptly and properly; excellent opportunity; permanent position; state salary and send sample of engraving. Address Schwarzschild Bros., Richmond, Va.

WANTED, competent, young, single watchmaker, willing to start on moderate salary, to be increased with the business; hustling railroad town in middle south; send photo and reference. B. W. Martin, Harriman, Tenn.

YOUNG man with one or two years' practical experience in repairing jewelry, who is willing to make himself useful and valuable; address with references, stating salary wanted. Arthur M. Field Co., Asheville, N. C.

WANTED, to go to Virginia, first class engraver and jeweler; one who can take entire charge of a department in a first class store; liberal wages will be paid to the right party. Address "S. W., 7717," care Jewelers' Circular-Weekly.

JEWELER, one who can engrave or repair clocks preferred; if engraver, $18; also young man with some knowledge of engraving or repairing, to finish trade; steady positions for good men. A. Hawkins, 727 Eighth Ave., New York.

A FEW traveling salesmen, in the jewelry or kindred trades, to represent the Jewelers' League of New York, while on the road as a side line; liberal commissions allowed; for full particulars call at the Home Office, 12 John St., New York.

AT ONCE, first class engraver on jewelry, etc., in monograms and letterings; last man employed remained five years; steady employment to the right one; state references and wages expected. "W. F. B., 7658," care Jewelers' Circular-Weekly.

WANTED, first class jeweler: $30 per week; for Butte, Mont.; expense paid. Address E. F. Mayer, care Great Northern, Chicago, Ill.

FIRST CLASS watchmaker who can engrave, for Butte, Mont.; $30 per week; address E. F. Mayer, care Great Northern, Chicago, Ill.

WANTED, watchmaker, expert in railroad work; permanent position; salary $25 per week; send references. Chas. F. Sentz, Columbia, S. C.

WATCHMAKER and engraver wanted immediately for permanent position; must be first class watchmaker and good, plain engraver, with tools; state experience, references and salary in first letter. Brock & Feagans, Los Angeles, Cal.

AT ONCE, first class watchmaker and jeweler; $18 per week; must be able to do American and Swiss watch work; position pleasant and permanent; fine climate; Summer and Winter resort; must have tools. Otto Sange, Bay St. Louis, Miss.

AT ONCE, engraver to do monogram and letter work demanded in first class store; prefer one willing to help in shop or as salesman; good permanent job; send references and sample in first letter; state salary expected. R. Brandt, Athens, Ga.

(*Special Notices continued on page 90.*)

Special Notices.

(Continued from page 89.)

HELP WANTED.—Continued.

A YOUNG MAN wanted by a prominent firm of jewelers, as assistant to bookkeeper and cashier; must be neat in his work and he able to furnish the best of references; address with full particulars. "A. T., 7691," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker, jeweler and engraver; some clock work; all around man; permanent position; pleasant surroundings; to take charge of repair department; want rapid workman; write for particulars; position immediately; pay $25. J. C. Robinson, Chester, S. C.

WANTED, a good watchmaker who can engrave; a good position for a first class man; permanent; address with references, Sylvester Engle, Hazleton, Pa.

BOY WANTED to make himself useful in salesrooms; $4 to start; chance for advancement; address "Wholesale Clocks, 7752," care Jewelers' Circular-Weekly.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

EXPERIENCED HAND, to fill orders and attend to stock; only one who has had experience need apply. Address, "S. H., 7730," care Jewelers' Circular-Weekly.

WANTED, competent lapidary to take charge of lapidary department in large western city; answer stating references. "L. C., 7706," care Jewelers' Circular-Weekly.

WANTED, first class engraver and jeweler; permanent position to the right man; salary $25 per week; send references in first letter. Chas. F. Sentz, Columbia. S. C.

WANTED AT ONCE or Jan. 1st, traveling salesman to cover Western Pennsylvania and Ohio; one with established trade. Grafner Brothers, 706 Penn Ave., Pittsburg, Pa.

WANTED, a strictly first class all around man; watchmaker, jeweler and optician; $20 to $25 per week according to ability; near New York City; easy and permanent position; give experience, reference and salary expected in first letter. "Experience, 7745," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker, engraver; one who can do some jewelry work and act as salesman; will pay highest ruling salary for a man of ability; none but a competent man wishing steady position need apply; send sample of engraving and reference in first letter; want man at once. F. P. D'Arcy, Kalamazoo, Mich.

WANTED, young man, unmarried, who is fair watchmaker and good engraver; opportunity to perfect under A1 watchmaker; fine store in live town; fair salary to a good, ambitious, sober, industrious man; state age, experience, salary wanted, and send reference and sample engraving in first letter. "J., 7172," care Jewelers' Circular-Weekly.

WANTED, by Oct. 1, A1 watchmaker, engraver and jeweler; competent for railroad work; one who understands optics preferred; salary, $30 to $35 per week and steady position to right man; enclose photo, references and sample of engraving in first letter; none but strictly first class workmen need apply. Address Eagle Drug and Jewelry Co., Inc., Winnemucca, Nev.

WANTED, IMMEDIATELY, a young married man who is a good engraver and fair at watchwork; must be capable of taking charge of holiday engraving; a sober, industrious, neat appearing young gentleman; a permanent position with increased salary if you are worthy of it; send reference, photograph and sample of engraving with application; write at once. J. I. Snbers, Bainbridge, Ga.

TRAVELER WANTED; first class traveler with established trade in New York and Pennsylvania, to sell a manufacturer's line of solid gold rings; for engagement January 1st next. Queen City Ring Mfg. Co., Buffalo, N. Y.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

SALESMAN, young man who knows the precious and semi-precious stone business; if capable and active can obtain a good permanent position; address in confidence giving full particulars of experience, etc. "H., 7673," care Jewelers' Circular-Weekly.

THIRTY-FIVE DOLLARS per week for head watchmaker; a thoroughly competent man on high grade and complicated work, who does not drink or gamble, can go to work at once, and have steady position in one of the finest stores and cities in the west; references and full particulars must accompany first letter. J. S. Lewis & Co., Ogden, Utah.

Business Opportunities.

FOR SALE, a jewelry factory; latest machinery; best location down town New York; also models if necessary. Address "W. G., 7748," care Jewelers' Circular-Weekly.

FOR SALE, jewelry shop doing a good business; good thing for jeweler who wishes to work for himself; owner retires on account of health. Answer, "A. S., 7727," care Jewelers' Circular-Weekly.

FOR SALE, at once, good paying jewelry business in town of 2,500; stock and fixtures invoice about $1,650; poor health reason for selling. Address "G., 7728," care Jewelers' Circular-Weekly.

FOR SALE, fixtures and any part of stock, of only jewelry store in prosperous manufacturing town of 3,000 in Connecticut; established 10 years; yearly business, $7,000; exceptional chance for young man with small capital. "E., 7684," care Jewelers' Circular-Weekly.

QUICK ACTION by corresponding with us; we buy your entire stock; or send us your surplus stock of watches and diamonds; we originated this method and have twenty years of quick action and good service to our credit. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, large jewelry, cut glass, china, optical and novelty store; over 11 years in town; population, 3,500; no opposition in town and county; county seat; Summer and Winter resort; best climate on earth; modern fixtures and new, clean stock, about $2,500; large glass front and four rooms and one kitchen; rent only $30 per month; can make enough in 10 years to retire from business; repairing covers all expenses; don't write unless you have cash and mean business. Address Box 3, Bay St. Louis, Miss.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TWO desirable offices for rent; $10 and $12 per month; write or call. Henry Bardel, 14 Maiden Lane, New York.

DESK ROOM to let, with office privileges; fine light; first floor. Room 203, Cockroft Building, 71-73 Nassau St., New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

TO LET, small office, north light; low rent; suitable for manufacturing jeweler's representative, precious stone dealer or kindred business. "W. H. H.," Room 44, 7 Maiden Lane, New York.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7685," care Jewelers' Circular-Weekly.

A JOBBER, having fine office in Heyworth Building, Chicago, wishes to sublet part of office to manufacturer, for western office. Address "X., 7719," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

For Sale.

FOR SALE, at Hammond & Koch, 9 Maiden Lane, New York, the fixtures, consisting of safe, show cases, etc.

ATTENTION, to jobbers in silverware cases; a large stock of silverware cases must be sold below cost. Address "R. A., 7754," care Jewelers' Circular-Weekly.

Miscellaneous.

WANTED; George H. Carson to send his address to W. H. Bishop, Rhyolite, Nev.

SILVER SPINNING of every description for the trade; small and large work; also fine etching done at reasonable prices. John Hasselbring, 111 Himrod St., Brooklyn, N. Y.

MANUFACTURER of fine plated belt buckles and similar articles for ladies' wear, wishes to get in touch with a reliable commission house, with established connections, covering the entire country, reaching the retail jewelers, department stores and jobbers, and prepared to handle either selected territories, or the whole field, as desired; liberal terms for efficient service; immediate. Address "X., 7771," care Jewelers' Circular-Weekly.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker

FOR SALE

New Century Typewriters, No. 6, in first-class condition; will be sold at low price by

JEWELERS' CIRCULAR-WEEKLY,
11 John Street, New York.

ETCHING DONE ON GOLD AND SILVER.

Will sell receipt of full practical process to 150 jewelers (positively limited to that number). Price, $250.00 each. Including beautiful, rich background for all karat gold and oxidize for silver monograms and ornamental work. Shown to great advantage. Offer closes when full number of applicants are obtained. A practical demonstration given to purchasers. Samples shown. Address

ARTHUR C. WEIR, 76 Second Street, Brooklyn, N. Y.

Learn Watchmaking

Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address

St. Louis Watchmaking School, St. Louis, Mo.

PATENT DEPARTMENT

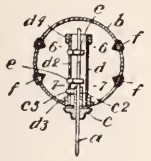
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF SEPT. 18, 1906.

831,033. JEWEL-MOUNTING. Alfred A. Boismaure, New York, assignor to the Boismaure Oscillating Jewelry Co., New Jersey. Filed Aug. 17, 1904. Serial No. 221,015.

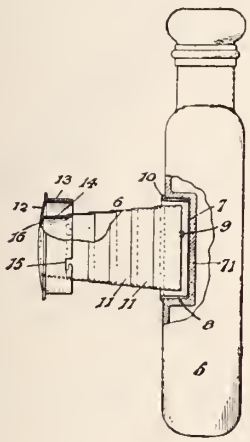
A device of the class described, comprising a



A head, a slotted tube inserted into said head, and a pin the head end of which is inserted loosely into said tube and vibratorily connected to the latter at the slotted portion thereof.

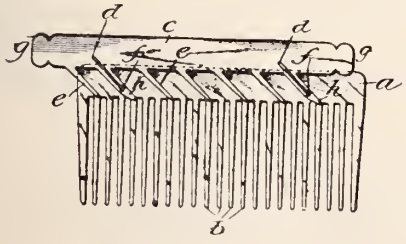
831,074. FLASK. Osmond D. Jamouneau, Sag Harbor, N. Y., assignor of one-half to William H. Jamouneau, Newark, N. J. Filed March 14, 1905. Serial No. 249,999.

An improved flask comprising a body having a recess formed in one side, a collapsible flask



arranged in said recess having an end section to cover the recess, a flange on the end section entering the recess, and means on the flange to secure it to the wall of the recess.

831,111. HAIR-DRESSING DEVICE. Alfred Shedlock, Jersey City, N. J., assignor to

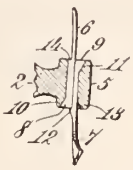


Max G. Cohn & Co., New York. Filed Nov. 20, 1905. Serial No. 288,157.

A hair-dressing device, consisting of a comb comprising a back and a row of teeth extending therefrom, a locking device comprising a flat bar located against and arranged in the same general direction as the back and having angularly-arranged teeth at one of its edges and means for connecting the locking device to the comb and guiding it to move in the angular direction of the inclined teeth, with the bar maintaining substantial parallelism to the back of the comb.

831,117. EYEGLASSES. Seriah Stevens, Boston, Mass. Filed Dec. 21, 1905. Serial No. 292,716.

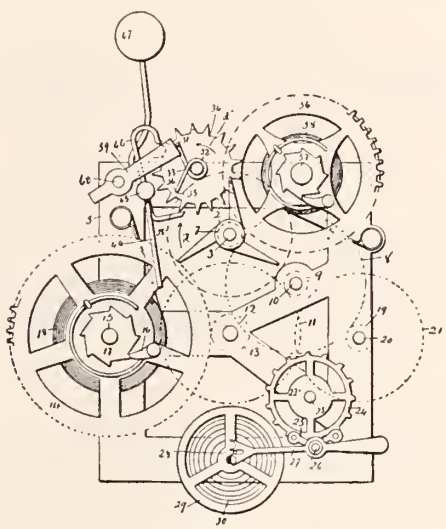
In a coupling means, the combination of an element having a loop, of members adapted to be arranged in said loop and provided with shouldered



ends, said ends constituting, together, a mass of greater cross-sectional dimensions than the cross-sectional area of the passage through the loop and means for maintaining said ends in said loop.

831,233. INTERMITTENT-ALARM CLOCK. John W. Morway, Bristol, Conn., assignor to the E. Ingraham Co., Bristol, Conn. Filed June 19, 1905. Serial No. 265,881.

In an intermittent-alarm clock, the combination with the time and alarm trains thereof, of a star-



wheel in gear with the time-train and constantly rotated thereby, and a pin rotated by the alarm-train for coaction with the said star-wheel by direct contact with the teeth thereof, whereby the alarm-train is periodically stopped and released by the successive engagement of the teeth of the star-wheel by the said pin.

831,361. FINGER-RING. John A. Lieb, Jr., Newark, N. J. Filed Aug. 3, 1905. Serial No. 272,554.

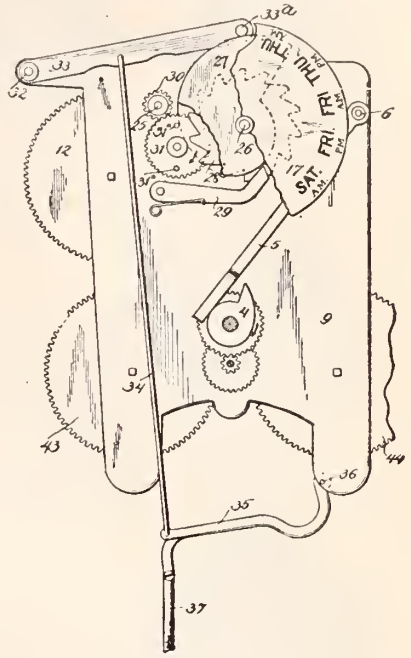
A finger-ring comprising a body portion, a box-like structure at a point at its periphery, a sheet-metal plate formed with raised characters on its face, and bent to form a surrounding rim and then



bent back upon itself to form a depending flange, a sheet of enamel on the plate to cover its face between the rim and the raised characters, the whole structure tending to form an imperforate chamber, and fastening means within the chamber for securing the plate to the ring.

831,498. CLOCK MECHANISM FOR TIME-RECORDERS. Willard Le Grand Bundy, Binghamton, N. Y. Filed March 18, 1901. Serial No. 51,573.

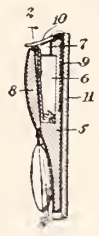
In a time-recorder, a clock and means for operating same, the face of said clock having an opening therein through which periods of time can be seen, a supplemental clock-movement having a dial with periods of time imprinted thereon, a supplemental spring and gears for actuating said dial, an eccentric cam integrally mounted on the shaft carrying the said dial and a rocking shaft, one end of which is mounted in the framework of the clock mechanism and the other end having a pin resting on the outer edge of the said eccentric cam, said rocking shaft having attached to it



a series of rods for raising and lowering a card-rack, an eccentric cam fixedly mounted on a shaft carrying the hour-hand of said clock and an arm one end of which rests on the outer surface of the said cam, the other end being fixedly mounted on a shaft carrying an arm adapted to lock and unlock said supplemental spring and gears, whereby the said dial carrying the periods of time may be rotated a predetermined distance.

831,388. JEWELRY-CASE. Henry W. Smith, Newfield, N. J. Filed Feb. 17, 1906. Serial No. 301,604.

A jewelry-case comprising a body portion having a chamber provided with an outer opening, a



projecting strip on the outer side of the body portion and providing the outer wall for said chamber, and a chain-engaging device on said body portion.

831,394. FOUNTAIN-PEN SUPPORT OR



HOLDER. Wilmer M. Webb, Philadelphia, Pa. Filed Oct. 19, 1905. Serial No. 283,512.

A holder for a fountain-pen or the like, con-







Bigalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York

¶ Weekly shipments from Geneva and Paris are making our line of watches the most attractive ever shown in America. We have an extensive line of unique and exclusive designs in Ladies' Flat Enameled and Decorated Watches. Ladies' Plain Watches in all sizes. Gentlemen's Flat Watches in a vast variety of styles and grades.

SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES



AMBER

RUSSIAN AMBER RUSSIAN AMBER

AMBER has been a leading gem for centuries. To-day the Trade experiences the strongest demand in many years.

NECKLACES, graduated, of Oval and Round-Shaped Beads, are the most popular in

CUT TRANSPARENT AMBER

BUTTER COLOR (not Transparent) Amber is the most superior, but only occasionally small lots can be imported, as it is becoming very scarce.

AMBER HEADQUARTERS FOR THE UNITED STATES

BORRELLI & VITELLI

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Sole Agents for the Largest Amber Factories in Russia

sisting of a solid hemispherical body having a central recess, the walls of which extend in a line substantially perpendicular to its plane surface.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED SEPT 18, 1906

Ser. No. **17,778.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) Ostby & Barton Co., Providence, R. I. Filed March 12, 1906.



Particular description of goods.—Finger-rings.

TRADE-MARKS REGISTERED SEPT. 18, 1906.

56,380. STERLING AND SOLID SILVERWARE. Rockford Silver Plate Co., Rockford, Ill.

Filed Jan. 17, 1906. Serial No. 16,262. Published June 26, 1906.

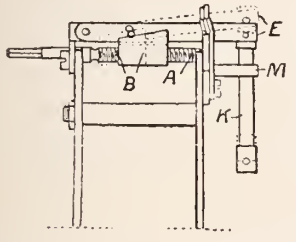
BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF SEPT. 5, 1906.

9,709. CLOCKS. E. Bennett, Seven Kings, Ilford, Essex. May 9.

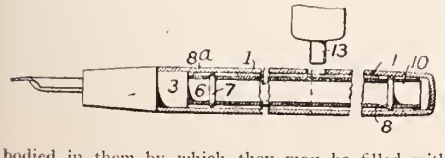
Pendulums, Regulators.—The suspension spring K of the pendulum is attached to a lever E in the



same plane, and is raised or lowered through chops M by means of a screw A and a nut B under the lever.

9,781. FOUNTAIN PENS. O. E. Weidlich, Cincinnati, O., U. S. May 9. (Date applied for under Patents Act, 1901, May 16, 1904.)

Relates to fountain pens having means em-



bodied in them by which they may be filled with ink. The barrel 1 of the pen shown contains an elastic ink-reservoir 8 of soft rubber, etc., the end 8*a* being held on a nipple 6 having a flange 7 and formed on the nib-holding part 3 of the pen. The part 3 is shown as being slipped into the barrel 1, but the two parts may be screw-threaded if desired. The other end of the elastic reservoir may be closed by a plug 10 similar to the nipple 6, but a simple rounded closed end is preferred. The reservoir is provided along one side with a strip of metal such as phosphor-bronze, which may be either of curved section or flat. To fill the pen the reservoir is compressed while the feeding-devices are dipped into ink, and is then allowed to expand. This compression is accomplished by the insertion of a projection 13 through a hole in the barrel 1 so as to act upon the strip. The projection 13 is formed on the nib-protecting cap of the pen, but a pencil or other device may be used to compress the reservoir.

(Reference has been directed under Patents Act, 1902, to Specification No. 1029, A.D. 1896.)

10,192. DRESS, ETC., PINS. S. J. Parr, Wellingborough, Northamptonshire. May 15.

A hat pin *a* is curved to conform to the shape of the head, and the point of the pin is protected



by an ornamental clip *b*, which may be formed with a split sleeve b^1 for gripping the pin when the clip or protector is in position.

Complete specifications accepted Aug. 29, 1906.

1905.

17,826. ELECTRIC CLOCK SYSTEM. Parsons & Ball.

18,611. TIME REGISTER. Beresford.

20,409. SECURING KNIFE BLADES TO HANDLES. Mills.

22,987. MATCH-BOX. Samuel.

26,583. PINCE-NEZ. Druiff.

1906.

1,560. SCARF-PIN FASTENING. Appleby.

3,823. HAIR-PIN. Vallar.

7,984. BROOCH. Ives & Jeffery.

9,353. VEIL-HOLDER. Zieseniss.

Applications filed Aug. 20 *to Aug.* 25, 1906.

18,593. INKSTAND. Eugen Haag, Berlin, Germany.

18,638. WATCH. Arthur Baume, London.

18,654. INFUSER FOR TEA OR COFFEE. L. T. Payne, London.

18,672. CANDLE HOLDER. William Scholes, Gateshead-upon-Tyne.

18,709. TIME-RECORDER. E. T. Elbourne, Chiswick, London.

18,762. ELECTRIC ALARM CLOCK. E. N. Davey, Beeston Hill, Leeds.

18,771. PENHOLDER. Thomas Griffiths, Manchester.

18,829. ELECTRIC CLOCK. Max Reithoffer and Franz Morawetz, London.

18,906. TIE-RETAINING STUD. Leonie Materne, London. Complete specification.

18,932. CIGAR-CASE. W. L. Byers, Breams Building, London.

18,953. EYEGLASSES. Fernand Samuel, London.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Sept. 17, 1889.

411,004. NECKTIE FASTENER. H. W. Atwater, East Orange, N. J.

411,028. HAIR CURLER. I. W. Heysinger, Philadelphia, Pa.

411,101. SUSPENDER-BUCKLE. E. A. Hill, Chicago.

411,118. HOLDER FOR SPECTACLE-CASES. J. J. Bleich and J. F. Sarratt, Paducah, Ky.

411,138. ELECTRIC-CLOCK SYSTEM. C. H. Carter, Brooklyn, N. Y.

411,146 and **411,147.** WATCHES. O. F. Gunz, Rutherford, N. J.

411,148. REPEATING WATCH. Edouard Heuer, Bienne, Switzerland.

411,164. NOSE-PAD FOR EYEGLASSES. J. P. Molitor, Vallejo, Cal.

411,168. GONG-STRIKING MECHANISM. C. H. Pond, Chicago, assignor to the Self-Winding Clock Co., New York.

Design issued Sept. 19, 1899, *for* 7 *years.*

31,517. SPOON HANDLE. L. R. Horton, Providence, R. I., assignor to the J. B. & S. M. Knowles Co., same place.

Design issued March 17, 1903, *for* 3½ *years.*

36,245. BRUSH-BACK. S. O. Bigney, Attleboro, Mass., assignor to the Bristol Mfg. Co., of Rhode Island.

Canada Notes.

TRADE CONDITIONS.

The Fall trade is setting in favorably through all sections of Canada. The demand for high grade goods is well sustained. The sales of jewelry are exceptionally large, denoting a decided revival of activity in this branch. The watch trade has improved to a surprising extent, especially as regards the demand for railway movements. The clock business is not so satisfactory, as, owing to the rivalry among producers, prices are low, affording little margin for profit. In the cheaper lines of clocks trade has fallen largely into the hands of the department stores. The high class goods are largely imported from France and Germany, the shipments from the latter country being an increasing factor, owing to the close study by German manufacturers of American methods and styles. The same holds true in regard to some lines of jewelry, especially in low grade gold goods. Silverware is selling well, and conditions in this branch have improved owing to the cutting of prices by some of the large houses having been discontinued. The souvenir business has been extensive, a new feature being large imports in cheap goods copying Canadian designs. In cut glass the competition is severe and the market is demoralized by reckless price-cutting. The western demand is good, but collections from that section are slow and eastern houses disposed to be conservative in giving credit.

E. Wagner, Vancouver, B. C., has disposed of a portion of his stock to Morris Plant.

W. B. Saunders, Vancouver, B. C., visited Toronto, Ont., last week, in the course of his wedding tour to the east.

Harry Ryrie, of Ryrie Bros., Ltd., Toronto, Ont., left last week, on a trip to Boston and eastern jewelry markets.

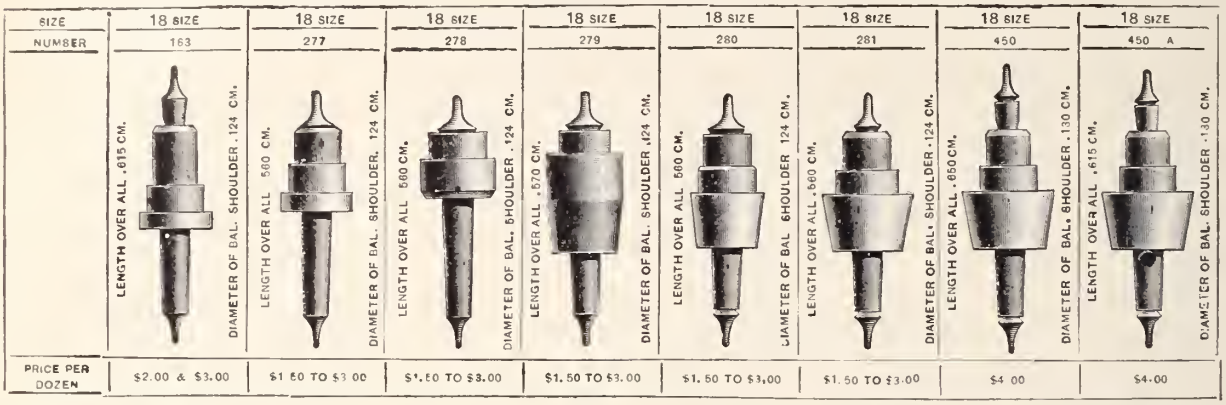
Jacob Singer, pawnbroker and second-hand dealer, Queen St., Toronto, Ont., is charged with receiving stolen property. He is alleged to have bought gold nuggets from two boys who admitted having stolen them from the T. W. Capp Co., manufacturing jewelers, by whom they were employed. The case has been adjourned and will come up Oct. 1.

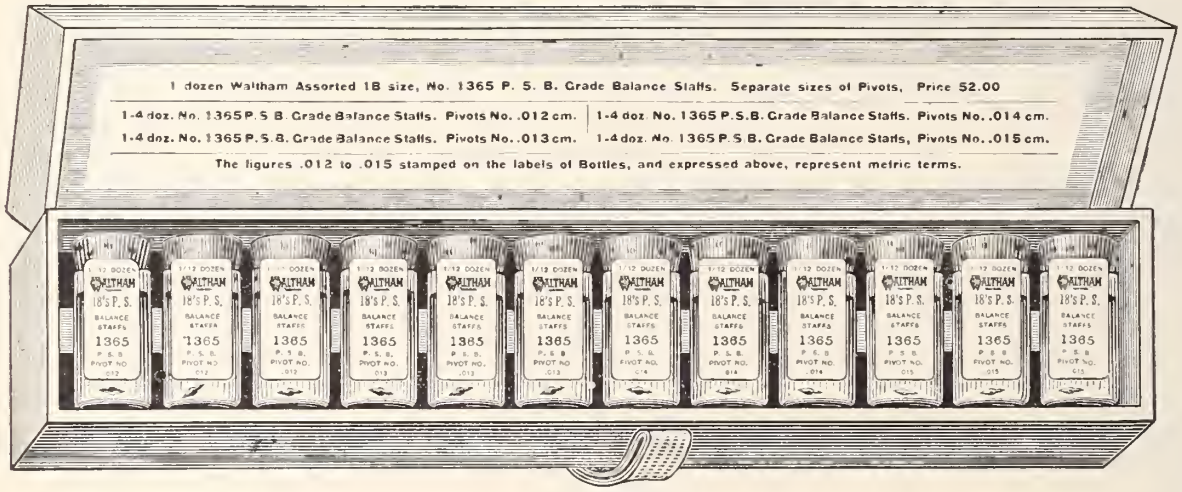
Shirray & Vickers' jewelry store at Portage la Prairie, Man., was broken into by burglars on the night of Sept. 11, and about $1,000 worth of diamonds, watches, etc., was stolen from the cases. The robbers, who are supposed to have been amateurs, obtained entrance through the front door. No arrests have been made at last accounts.

The annual convention of the Sovereign Grand Lodge of the Independent Order of Odd Fellows, held in Toronto, Ont., recently, attracted a large number of visitors, including many jewelers, among the number being W. H. Wilson, Cranbrook, B. C.; D. Taylor, Owen Sound, Ont.; T. B. Savage, Waterford, Ont.; R. F. Dale, Harriston, Ont., and A. G. Heller, Waterloo, Ont.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD PATENTED, JUNE 5TH, 1894.

INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade,	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

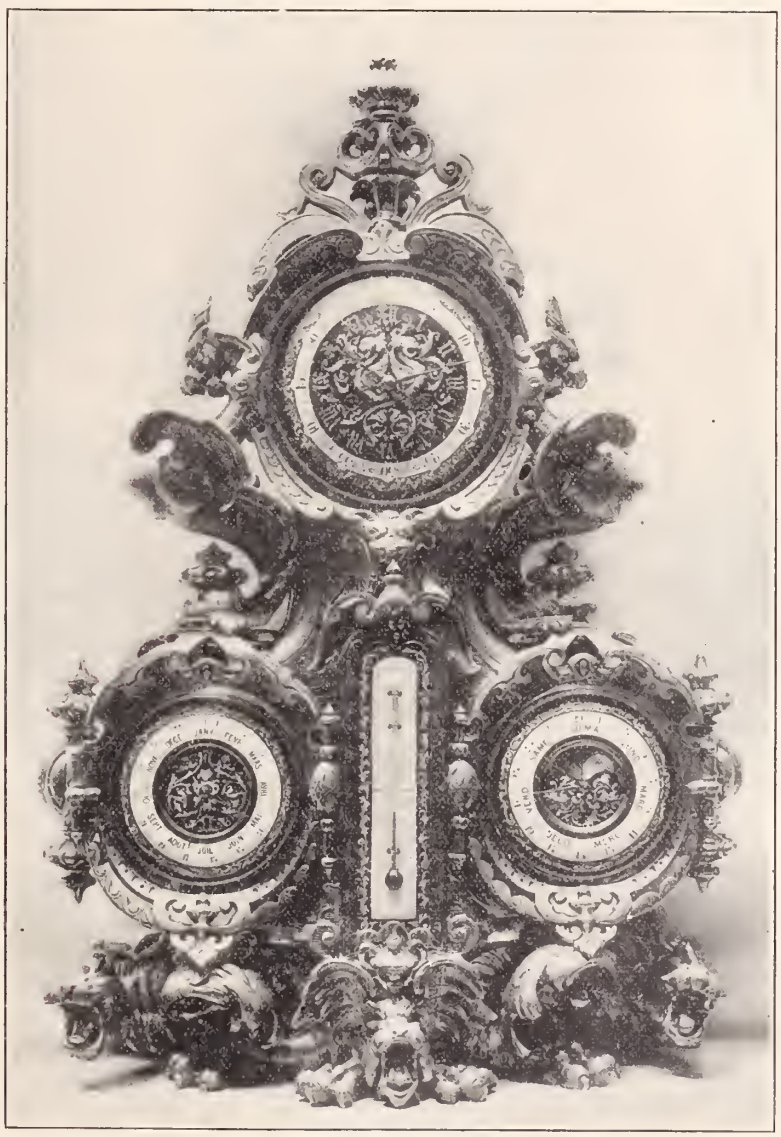
Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.

Remarkable Complicated Clock Shown at the Milan Exposition.

AMONG the horological exhibits at the Milan Exposition this year was a most remarkable clock shown by the firm of L. Leroy & Co., of Paris and Besancon. The firm is exhibiting only this piece, but its beauty and complications fully make up for the deficiency in the number of objects shown.

The clock, which has three beautiful dials in Limoges enamel, is one meter high. The dials indicate, besides ordinary time, solar time, the months and days of the week, moon phases, equation of time, etc. The calendar is perpetual. Two mythological figures support the dials and the remaining embellishments are most gorgeous. The clock, which is also fitted with two thermometers and a barometer, is executed in chased steel. The value of this wonderful product of the horological art, the details of which are clearly shown in the illustration, is said to exceed $2,000.



CHASED STEEL CLOCK EXHIBITED AT THE MILAN EXPOSITION.

The Clock Museum at Furtwangen.

ONE of the most interesting special museums in Germany is the Clock Museum at Furtwangen. It contains reproductions of most of the celebrated horological objects of the entire world and also many original works, including productions of the Black Forest, dating from the 16th century to the latter part of last century.

"The utility of these special German museums," says a French writer, "lies in their intimate relation with great associations of artists, workmen and merchants, who, by methodical exploitation of the art productions of the country, give local and national museums the benefit of all these researches. Thus at Hamburg the Museum of Art and Industry has stimulated the establishment of a "Kunstgewerbeverein," which, without in the least interfering with the working of the museum (which, by the way, has been created and is maintained by the executive branch of the local government), uses the halls for its regular meetings and the organization and delivery of art lectures. Any new contribution of articles placed in the museum is submitted to this society for approval, criticism and technological study.

"There was shown to the writer, with pride, by the director-founder of the museum the series of repoussé leather and ancient chiselings, which served to restore a few years ago this vanished art industry which had disappeared 100 years ago.

"Thanks to the 'Central Kunstgewerbeverein,' which founded it, the Dusseldorf Museum, in less than 25 years, has made of Westphalia and the Rhine provinces one of the most flourishing regions of German industrial art. It has resuscitated the porcelain of Raeren, near Aix La Chapelle, which, from the 15th to the 17th century, had popularized all over Germany the name of that maker; it has restored to Gerolstein the prosperity of its perfected filigree work, of its gold, silver and leather thread embroidery; it brought to Gladbasch, to Wallenborn, to Hembach, etc., carpentry, ceramics, artistic locksmithing, furniture copper, etc."

Watch Repairing.

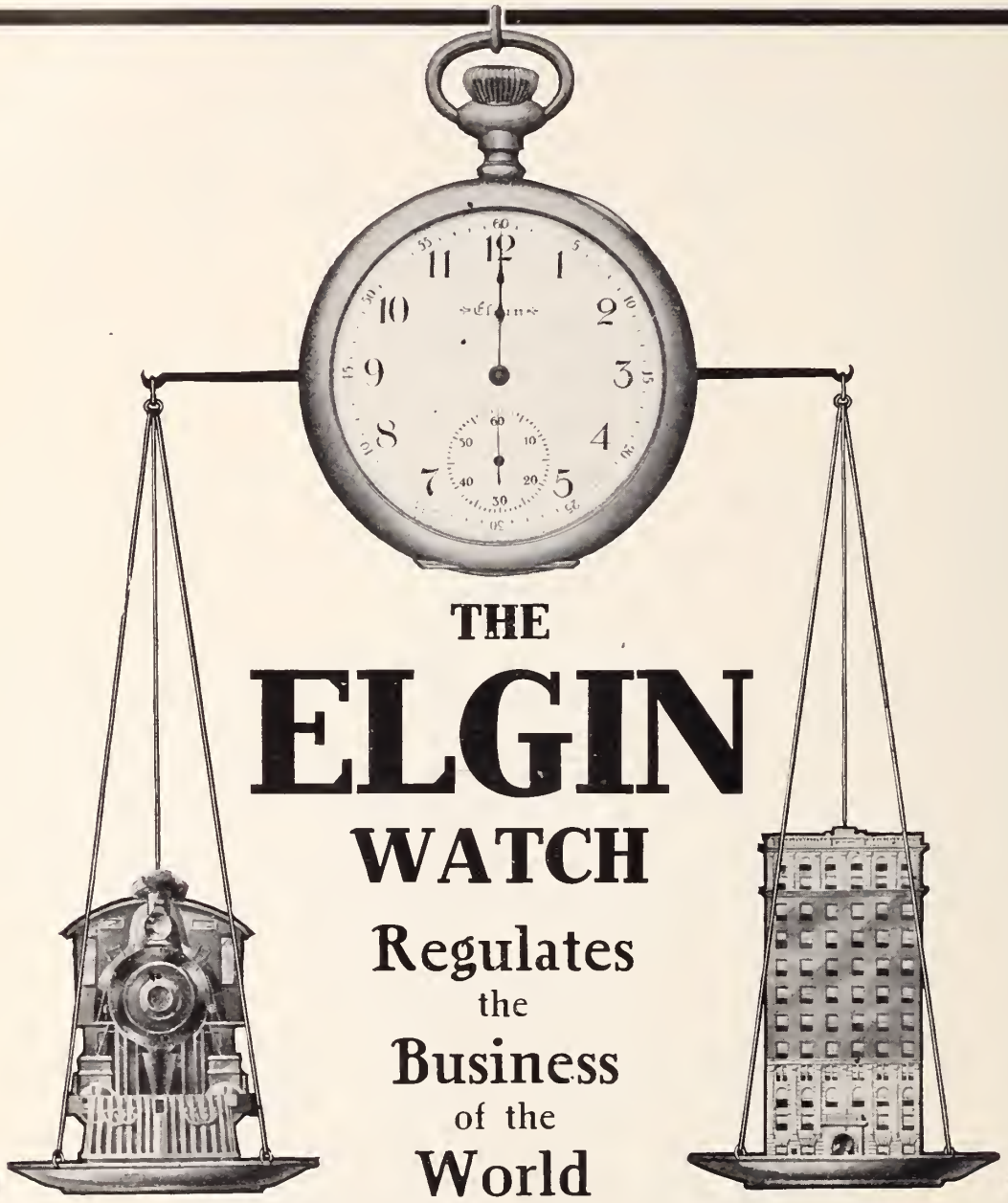
By H. Reinecke.

(Continued from issue of Sept. 12.)

AS a justification of further discussion of the utility of the depthing tool, the following from Thomas Reid's "Treatise on Clock and Watch Making," fourth edition, 1849, page 101, may be instructive:

"The pitching tool which Berthaud recommends for trying the pitching of a wheel and pinion is that which with us is called the Geneva pitching tool, and has

The Balance of Business



THE
ELGIN
WATCH

Regulates
the
Business
of the
World

Indispensable to modern life, the Elgin Watch is ever in increasing demand—and the balance of business goes to the store that carries a full stock of Elgin Watches.

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

ELGIN NATIONAL WATCH COMPANY

Factories, Elgin, Illinois, U. S. A.
General Offices, 131 Wabash Ave., Chicago.

New York Office, 11 John Street.
San Francisco Office, 206 Kearny St.

long been known and used in this country. He has given a drawing and description of it in the first volume of his 'Essai sur Horlogerie,' where, after describing it, he says: 'The great facility which this tool gives in seeing pitchings, repairing them, carrying them in a correct state to the frame plate of a clock or watch, renders this instrument very necessary to the workman; it can be made use of even in setting off various escapements, such as anchors, cylinders, etc. It has the advantage over the sector kind of pitching tools, which do not take in the wheels and pinions by allowing the working of the pitching to be seen, and serves to check any pinion of an improper diameter which may at times by mischance have been overlooked, both by the movement maker and by the watchmaker.'"

A great necessity of the depthing tool is also felt when a lost wheel has to be replaced, which often occurs to a watch repairer. It is not necessary at this time to provide a modus operandi in an extraordinary case, but as such things happen more frequently to the modern style of watches, it is sufficient to explain the method needed in the latter case.

The trains of watch movements met with in the repair shop at the present time are of 14,400, 16,200 and 18,000 beats per hour. In calculating the trains of wheels and pinions in pocket watches the principal things which we have to consider theoretically are the speed of the first or great wheel, and the last or escapement. In the large number of watches, the speed of the barrel as related to the centre wheel pinion is generally so calculated that a watch movement will expend its motive power in either 30 or 32 hours. Next, one revolution of the centre wheel will produce 60 revolutions of the fourth wheel, the pinion pivot of which generally carries the second hand. The centre wheel accomplished this by causing the third wheel to make eight revolutions, and the latter causing the fourth wheel pinion to make seven and one-half revolutions for one of its own—

$$1 \times 8 \times 7\tfrac{1}{2} = 60.$$

Escape wheels have generally 15 teeth each, which effect two vibrations of the balance. In watch movements with 14,400 vibrations, the escape wheel makes eight revolutions per minute—

$$15 \times 2 \times 8 \times 60 = 14{,}400.$$

In movements with 16,200 vibrations the escape wheel makes nine revolutions per minute—

$$15 \times 2 \times 9 \times 60 = 16{,}200.$$

In movements with 18,000 vibrations the escape wheel makes 10 revolutions per minute—

$$15 \times 2 \times 10 \times 60 = 18{,}000.$$

Trains in the modern styles of watches are of two kinds, generally having a number of wheels and pinions, as follows:

	Center	*Third*	*Fourth*
Barrel.	*wheel.*	*wheel.*	*wheel.*
80, 84, 96	64, 80	60, 75	70, 80
Pinions.	10 or 12 leaves.	8, 10	7, 8

Now let us assume that the third wheel of 60 teeth and a pinion of eight leaves have been lost. Such a wheel belongs to a train of which the centre wheel has 64 teeth and the fourth wheel a pinion of eight, and the third wheel 60 teeth and a pinion of eight leaves. The first thing to be done is to measure the pivot hole's distance between the third and fourth wheel pinions, which we will suppose measures eight and a half millimeters, of which seven and a half millimeters belong to the wheel and one millimeter to the pinions, representing the semi-diameter of either. The wheel measures seven and a half millimeters to the fourth wheel pinion, one millimeter at their pitch line, because a pinion of eight leaves is contained in a wheel of 60 teeth seven and a half times.

If the semi-diameter of a wheel having 60 teeth measures at the pitch line seven and a half millimeters, or is 15 millimeters in diameter, the size of the wheel must be increased on account of the addenda for the epicycloidal ogives of the teeth. This increase in size is estimated according to the following rule: These addenda to a wheel of a moderate number of teeth is equal to an increase in its circumference of the space of two and a half teeth. This is an empirical rule and the resulting calculation gives an approximately correct result. As in this case 60 teeth contained in the circumference of the wheel at the pitch line are to its semi-diameter of seven and a half millimeters, so is this circumference plus the space of two and a half teeth to X, or to the semi-diameter of the finished wheel or proportionate to the diameter, 60 : 7½ mm. : : 62½ : × = 8.02 mm. or 16.04 mm., its diameter.

A similar calculation might be employed for determining the size of the pinions, for which purpose the center distance between the center wheel and the third wheel pinion pivot hole will have to be measured. In order to get the measurement of the pitch line between these two the center distance will have to be divided by nine, eight of which go to the center wheel and one to the third wheel pinion, as this is in proportion to 64 teeth in the wheel and eight leaves in the pinion. A similar calculation as that employed for finding the full diameter might now be employed, but as this pinion is not a leader, but a follower, the same addenda of a space of two and a half teeth cannot be used, but instead the space of one leaf may take its place. A more speedy and practical method, however, is the one laid down in the table published in the preceding communication, in which the caliper measurement of a pinion of eight leaves is stated to be four teeth (in this case, of the center wheel), measured at the points minus a quarter of a space.

After the selection of the pinion, the correctness of this measurement ought to be tested in the depthing tool. Any further information on the subject of wheels and pinions will be given, if called for. The following quotation from one of the treatises may be of interest:

"Since the measurement taken in practice only gives the total diameter of pinions, it follows that if three pinions were intended for equal wheels, one pinion having thin leaves, another thick leaves, and the third barley-shaped leaves, they may, nevertheless, have the same total diameter, but their primitive diameter will differ so that the rounding will descend lower in one case than in another. The thick leaf will be struck further from or nearer to the center than the thin leaf, etc. It will inevitably result that if one pinion gives a good depth, the other two will be very bad, notwithstanding that all three would be in accordance with the so-called rule.

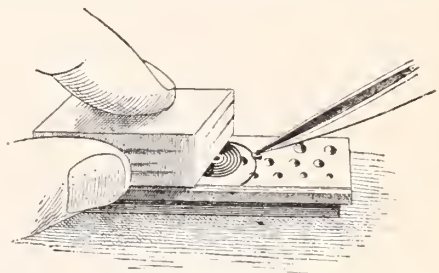
The so-called rule on which the table given is based includes the necessity that all pinions gauged by it should be formed according to the rules laid down. The leaves and spaces of all such should be formed by radial lines and their width should also correspond to these rules, and the addenda of such pinions should be semi-circles, having for a diameter the thickness of the leaves.

(To be continued.)

Straightening or Truing a Hair Spring.

TO straighten the first turn of a flat balance spring twisted in the direction of its height, I have devised, says a correspondent in *La France Horlogerè*, the effective method shown herewith.

As can be seen at first glance, it consists in holding the spring tightly between a



FRENCH DEVICE FOR STRAIGHTENING A HAIR SPRING.

riveting stake and a filing wood, leaving the whole twisted portion of the first turn free, the edge of the wood just reaching to the bend to be straightened or trued. The collet may be inserted into one of the holes of the tool.

By proceeding in this manner one can readily bring back the twisted portion to the plane of the spring by bending it with the tweezers.

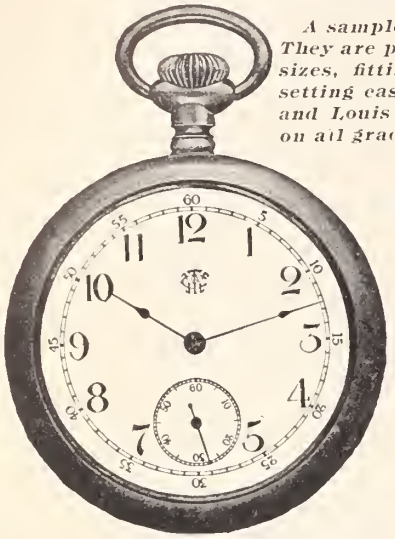
When Time Bells Were Dinner Bells.

HE was a fine old man who had been to South America, but who was devoting his old age to acting as the works of the clock in the piazza in Capri, says a writer in *Scribner's Magazine*. It was he who rang those many, many bells we heard and puzzled over. Some 40 rapid, high-pitched bells at 12,42, seven bells of deeper tone at 3,06, and so on.

Adelaide had asked Archangelo, the old man's son, to explain these seeming irregularities and had learned that the bells were only intended to approximate the hour; that his father was old and occasionally forgot and rang too little or too much; also that he was but a man and that hunger sometimes came gnawing at his vitals at, say, 11.45, whereupon he rang for 12 o'clock and wandered home to his spaghetti. His appetite also accounted for occasional delays in the bell for 1 o'clock. Suppose Archangelo's mother was late in the cooking of the midday meal, could his father return to the plazza without his luncheon? And what does a quarter of an hour matter after all? In Capri it is *dolce far niente*.

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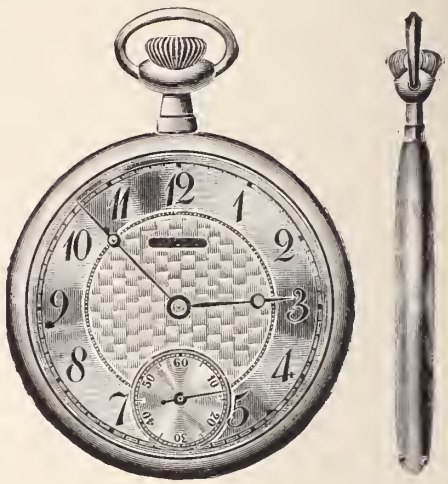
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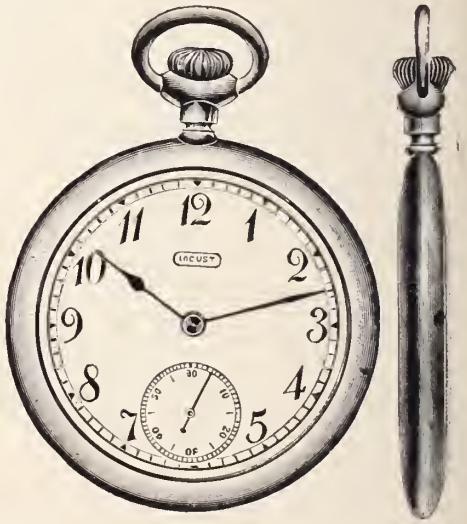
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To Tighten a Loose Set-Hands Arbor.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the *Deutsche Uhrmacher Zeitung.*)

TOO great freedom of the set-hands with the center pinion is a defect as frequent as it is annoying. The hand of the minutes may be thrown forward by a shock, or it may be stopped for an instant by friction, and the owner of the watch imagines that it is not in good condition, and the watchmaker, if he examines and gives the true cause of the perturbation, which has previously escaped him, runs the risk of losing a customer.

Every artisan has his own special method for imparting friction to the set-hands arbor. But not all of these methods are to be recommended. One tightens the set-hands by

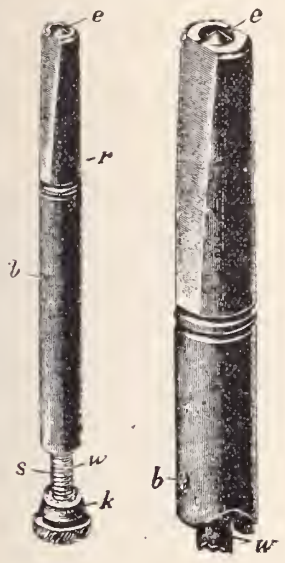


FIG. 1.

turning it in the jaws or pincers; another flattens it with a hammer; a third introduces a bristle in the hole, while a fourth, better advised, makes a little notch on the arbor with a round file and then bends it slightly.

If the hole of the center pinion is quite round, it is not difficult to increase the friction of the set-hands arbor in the hole. To obtain smooth, regular and durable friction, the best method, in my opinion, is in general that recommended by M. Schultz, namely, a point struck on the arbor. The only difficulty met with in its application consists in keeping the set-hands firm under the tool. This tool, as he describes it, appears to be practical, though a little complicated. I secure the same result with a small accessory, which is more simple.

Fig. 1 shows, on the left, the complete tool in its actual size, and on the right an enlargement which will simplify the undertaking of its construction. It is composed of a brass tube *r* about 60 millimeters in length, with diameter of six millimeters, perforated with a hole of two and one-half to three millimeters. In this hole slides freely a steel pin, W, terminated at its lower extremity with a well-tempered point. The tool is represented reversed. The extremity ending in this point is filed quite flat, and carries according to its diameter a small notch, *e*, made with a round file. Though not so represented, I have left the tube entirely round through the whole length. At the other extremity the pin is provided with a button, *k*, and with a small spiral spring, *s*. The latter tends constantly to make the point of the pin recoil to the inside of the tube. In the middle of the length of the tool is a screw *b* penetrating into a notch made in the pin, and limiting the course of the latter.

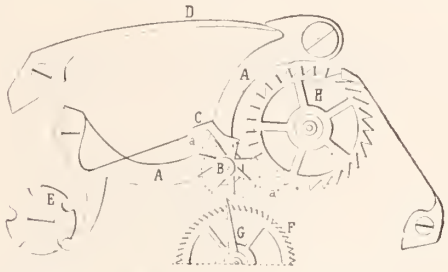
The small groove *c* serves to hold the set-hands when placed on a brass stake, while the extremity of the pin, under the action of a hammer, makes a point, and consequently a burr, on the arbor. This is sufficient in most cases to produce the friction desired.

The tool is not difficult to make, and the watchmaker who will take the trouble will find that it will work rapidly and well.

New Minute-Counter.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from the *Journal Suisse d. Horlogerie.*)

THE mechanism invented by M. Baud, the Geneva horologist, is independent and instantaneous in operation, and of ready and inexpensive application. Several clockmakers have tested and pronounced its action as leaving nothing



MECHANISM OF NEW MINUTE-COUNTER.

to be desired. The accompanying illustration represents the apparatus. On a swing-piece, AA, is a star-wheel, B, kept in place by a spring-jumper, C, attaching to the swing-piece. The free extremity of the latter, in the form of a rounded beak, presses against the chronograph ratchet, E, which has five notches and is kept in this position by the spring, D. The chronograph wheel, F, placed in the center of the watch, makes one revolution a minute. The finger, G, attached to this wheel, serves for moving the star-wheel, B. H is the minute-counter wheel.

The figure represents the chronograph at rest. When set going the ratchet, E, makes one-fifteenth of a turn. The beak of the rocking pieces, A, coming from the notch in which it is engaged, presses on the full part, so that the star-wheel, B, being displaced, according to the arc, aa, takes the position indicated by the dotted lines and comes in contact at the desired moment with the finger, G, and the wheel, H. The finger, G, pushing the star-wheel, causes it to raise the spring-jumper, C, and the wheel turns suddenly to the extent of one tooth under the expansion of the spring, thus giving impulse to the minute-counter wheel, H.

When the chronograph is stopped, the ratchet, E, makes again one-fifteenth of a revolution, the beak of the rocking piece, A, remains pressed against the periphery of the ratchet, and the position of the rocking piece is not changed.

If it is desired to bring back the hands of the chronograph to their starting point, the ratchet, E, is made to turn again one-fifteenth of a revolution, the beak of the rocking piece, A, under the pressure of the spring, B, engages in another of the five notches of the ratchet and, by this movement, allows the hands to return to their point of departure, the return being secured by the processes used in all chronographs.

This arrangement differs from others in this respect that the star-wheel, B, being fixed on the rocking piece, A, is brought nearer or removed further from the wheel, H, according to the position taken by the rocking piece. This system is, consequently, in a certain sense, independent, from the fact that the two principal functions are not produced at the same time. It is also instantaneous, because the two functions are simultaneous and instantaneous.

Horological Notes.

A UNIVERSAL clock has just been completed by Alexander Lockhart, 119 43d St., Pittsburg, Pa. Lockhart, who is employed in the freight office of the West Pennsylvania Railroad, manufactured the timepiece during spare hours, spending several months' labor upon it. The device, which will be exhibited at the coming Dublin Exposition, is nine feet high and is operated by an ordinary clock located at the base. This turns a large circular map of the world so that it makes a complete revolution once in 24 hours. Numbers to represent the hours are marked on a ring outside the map dial. A line traced from the axis through any point on the map will cross the figure representing the time in that particular part of the world. At a glance the time in Pittsburg, London, Canton and San Francisco can be told. The figures to the left denote daytime and those to the right night.

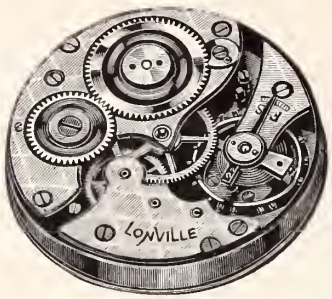
Daniel Levey, Mercersburg, Ga., has a grandfather's clock that was made in 1712 in Germany. It was brought to Lancaster County in 1812, then 100 years old. The clock is in good condition.

A man came into a New York jeweler's some time ago and handed over his watch, saying that three mechanics had labored over it without avail, and that if this jeweler could not transform it into an effective timepiece he would throw it away. On examination the mechanism looked all right, and when the watch was kept for two weeks by the jeweler it ran to the second. But when the owner got it again it stopped within two days. His wife carried it and it went again, but as soon as her husband took the timepiece it stopped. In conversation it was learned that this man had gone to Hot Springs, Ark., a few months before, where he took treatment for rheumatism. Since that no watch he carried would go long. Timepieces that had given faithful service to others for years would stop when he borrowed them. These eccentricities are caused by vague influences, probably more mechanical than occult. Some jewelers attribute them to "personal magnetism" and other to "electricity in the atmosphere."

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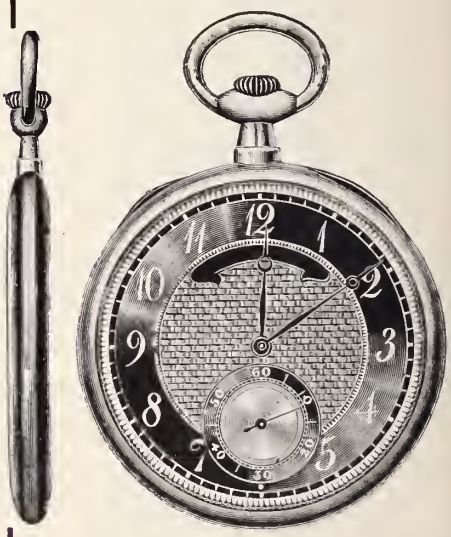
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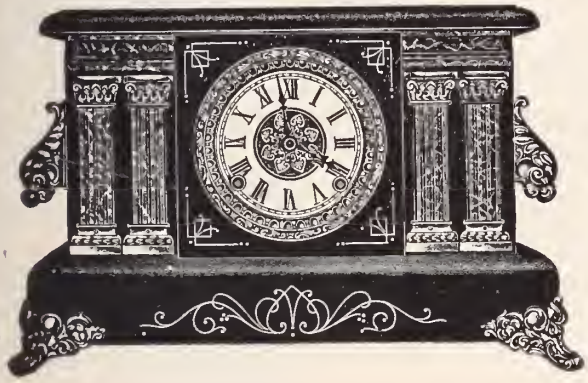
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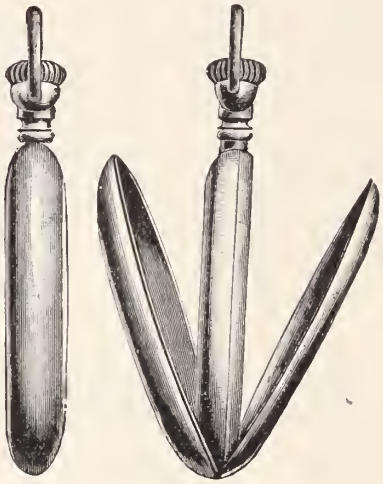
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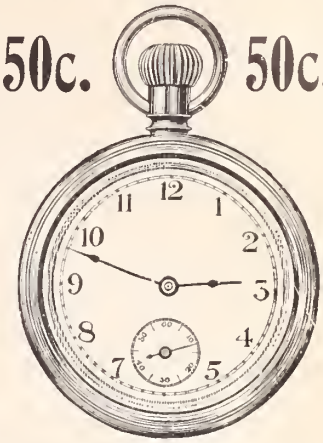
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50c. 50c.



Nickel, 18-size, Stem-wind, warranted for one year. We will replace any that do not give satisfaction. Each.....**50c.**

Nickel, 16-size, highly polished nickel case, fitted with American lever movement, stem-wind and set, which is timed, tested, regulated, and fully guaranteed for one year. Each.....**51c.**
In lots of 50, each.....**53½c.**

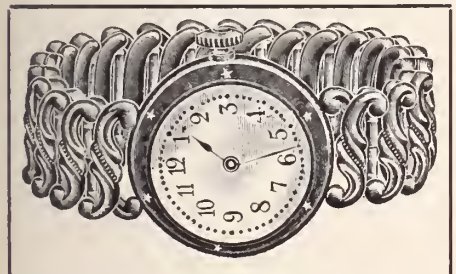
Oxidized—Same as above, in black gunmetal case. Each.....**59c.**
In lots of 50, each.....**58c.**

Gilt—Same as above, in 14K. gold plated case. Each.....**59c.**
In lots of 50, each.....**58c.**

JOS. BROWN & CO.

WHOLESALE JEWELERS

FIFTH AVENUE AND MADISON STREET, = = = CHICAGO, ILL.



THE MINERVA

GOLD FILLED

Watch Bracelet

BEST IN THE MARKET

Also Solid Gold Watch Bracelets, plain or set with Diamonds and Pearls.
Full line of Swiss Watches in all sizes and qualities, also novelties in watches a specialty. Write us for information, etc.

KLIPPER BROS.
59 Maiden Lane New York



We have just received from our printer
Our New 1907 Catalogue of

CUCKOO CLOCKS

and we should like every Jeweler to have one.
It is the finest cuckoo clock book ever issued in this country, and contains an interesting talk to dealers about

THESE UNIQUE CLOCKS AND THEIR COST

(Some of the trade papers have said some nice things about this catalogue.)

No dealer should think of ordering his fall supply without having read through this new catalogue of ours. Lay this paper aside for a minute and send us your business card.
We'd like to make sure that you are on our mailing list.

AMERICAN CUCKOO-CLOCK COMPANY
Cuckoo Clocks and other Unusual Clocks
STATION S. PHILADELPHIA

WATCHES OF PRECISION. WATCHES DEMAGNETIZED.

Mathey Bros., Mathez & Co.

Manufacturers and Importers of

Superior, Plain and Complicated Watches.

Sole Agents for

CHAS. H. MEYLAN.

SMALL WATCHES A SPECIALTY.

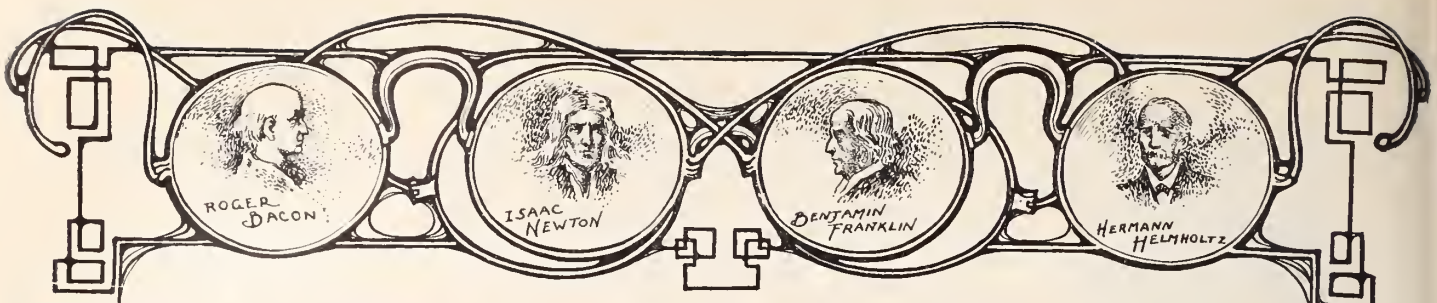


12 SIZE MOVEMENTS.

Brassus, Switzerland 21 MAIDEN LANE, NEW YORK.



12 SIZE SPLITS.



OPTICAL DEPARTMENT

The Latest Trial Case.

A DEMAND is being felt for a more complete trial case and some improvement in their general makeup. The old forms contained usually not more than 35 pairs of + and 35 pairs of — spherical and 21 pairs of + and 21 pairs of — cylinders. The axes of the cylinders were usually designated by either a scratch on the lens, that could not be seen half the time under ordinary conditions, or the sides of the cylinders were ground so as to be opaque.

This ground portion is often a source of confusion to both operator and patient; if the lens be rotated when the trial frame is not properly centered, or if the patient shifts the position of the head an error may result, inasmuch as patient will frequently say that vision is better with the cylinder at one point than at another simply because the ground part is further from the line of vision in one instance than in the other.

The newest cases contain 44 pairs of both + and — spherical and 31 pairs of both + and — cylinders. The spherical are numbered in eighths from 0.12 to 2.00, in quarters from 2.00 to 5.00, in halves from 5.00 to 9.00, in full dioptries from 9.00 to 14, thence to 16, 18 and 20. The cylinders are numbered in eighths from 0.12 to 2.00, in quarters from 2.00 to 5.00 and in whole dioptries from 5.00 to 8.00.

The powers are designated on both sides of each handle, thus avoiding the necessity of turning the lens over to see what power it may be. The handles of the minus differ from those of the plus lenses, so that one may tell by touch which kind of lens he has in hand. The cylinder axes are designated by means of small holes drilled half way through the lens and filled with white enamel so that they may be seen in any illumination and without getting in a particular position, as the old scratch method required.

This trial set contains 17 prisms, numbered as follows: a pair each of ½, 1, 2, 3 and 4 degrees and one each of 5, 6, 7, 8, 10, 12, 15 and 20 degrees. The apex of each prism is designated with a single white spot, similar to those in the cylinders. The discs consist of a Maddox double prism, a colored multiple Maddox rod, two stenopaic discs, one blank disc, with gold plated ring to distinguish it from the others which have nickled rings, six smoked discs, of various shades, one red and one blue glass disc, two cross-lined discs for pupillary distance measurement, two chromatic test lenses and one plano glass disc. The tray is lined with leather which is superior to plush, velvet or wood. Experience teaches that it pays to buy a high grade test case, so this style should interest many.

The Commissions Paid to Oculists.

BOSTON, Mass., Sept. 19, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

THE code of ethics that encompasses the medical practitioner is such as to make one wonder how the profession tolerates one of the most questionable practices imaginable. May a physician advertise, may he have connection with any patent medicine firm, may he accept a commission from the druggist on his patients' purchases? No, unless he cares to take chances on being ostracised. Yet the oculist, with impunity, accepts, in fact, demands, a large part of the money paid to the dispensing optician by some one examined by the oculist and directed to go to such and such an optician.

The paying and accepting of commissions in this case is flagrant. Think! The patient, in many instances of very moderate means, goes to an oculist to have his eyes examined; the oculist demands a fee ranging from $3 to $100, but usually $5. The oculist then advises the patient to go to this or that optician (whoever may have promised the greatest commission), who in order to concede to the oculist's demands is forced to charge an exorbitant price for his wares; thus the patient is not only overcharged but deceived.

Did these practices exist only among the lower grades of oculists it would not command attention, but it has been charged against the best known men in the profession, and they tacitly admit the charges to be true. What could they do when brought face to face with the checks of one of the largest dispensing opticians, on which could be found indorsements of men who should be far above such measures?

That they obtain more money from a patient than they are rightfully entitled to is bad enough, but the moral side of the question presents a more repulsive aspect. It is not a difficult problem for an honest man to settle for himself. If he charges $5 for an examination and then arranges so as to obtain more money, indirectly, from that patient, he does the latter for one of two reasons, viz.: either because he is a "grafter" or because he believes himself entitled to more pay for his services; now if he is well paid when he receives his fee, then he does wrong in obtaining more through the dispenser, and if he is not sufficiently paid in his original fee, he still does wrong in not being man enough to ask openly a higher fee in the first instance. B. L. T.

Optometrists and Books.

A PROFESSIONAL man, if he be one in the true sense of the term, is always a student. Having finished a course of study, no matter how thorough, the physician, the dentist, the lawyer and the optometrist should realize that he has merely completed a foundation and that practical experience and systematic and extensive reading alone will consummate the structure. That the courses in optometry, given at present by various institutions and individuals, are not as comprehensive as they should be is the fault, purely, of the students who will not, or perhaps cannot, afford to spare the time necessary for a detailed study of their subject.

Appreciating the stringency of the demands upon an optometrist's time, and realizing, too, how important it is for him to attend personally to his work, we cannot under present conditions criticise him harshly for not leaving his business and home for three or four weeks to take a course in optometry, but against the man who does not read, read, read during every available moment nothing too severe can be spoken.

The man who contemplates entering the field of optometry must take a course. This has been proven conclusively, but reference is here made, not to the beginner, who no doubt reads as much as possible, but to the man who has practiced for years and who is just beginning to think that he "knows it all." Such men should take up a course of reading which covers not only physiological, but physical optics. The study of physical optics is not easy; it requires concentration far more so than physiological optics; but without a working knowledge of physical optics one's chances for advancement are meager, and from the work one does one will receive only part of the benefit it should afford.

How can you tell if you have a working knowledge of optics in general? By answering the following: Have you read and digested Sir David Brewster's "Treatise on Optics"; Dr. Dick's, "The Practical Astronomer; Hastings' "Light"; Wood's "Physical Optics," and Preston's "Theory of Light"? If not, your education lacks much and the reading of even the few books here mentioned will contribute toward filling that gap.

The Penn Optical Co., York, Pa., was recently incorporated with a capital stock of $30,000.

Optical Department.

The American Association of Opticians.

FOR one who attended the Rochester convention to have attempted to estimate its significance immediately upon his return would have been unwise. The irresistible sensation that forced one to feel that it was a great success would have caused exaggeration. Sufficient time has now elapsed, however, to permit safe and sane conclusions to be drawn.

The feature that more than all else means something was the general character of the members present. In point of attendance this was the greatest optical convention ever held in this or any other country in the world, but the real significant fact is that it was representative of the highest in each branch of the optical trade and optometrical profession.

The itinerant, the fakir, the conceited ignoramus, the Doctor of "Any Old Thing" were conspicuous by their absence. Instinctively they must have presaged that at this convention no place was reserved for such as they. A more earnest, sincere and determined body of opticians and optometrists never existed. Higher, broader education was uppermost in every mind and heart.

The leaders of educational movements, receiving such generous support, go back to their labors with renewed hope and courage. The leaders of legislative movements return to their work with a still stronger feeling that general legislative recognition will soon be granted optometry. The leaders of optical industries go back with the assurance that higher grade goods will be called for and appreciated. The leaders of organization return buoyed up with hope, sanguine and thankful for the results of their efforts and the promises which the future holds forth.

The Rochester convention demonstrated clearly that the critical stage in optometrical affairs has arrived. An evolution is going on that is destined to make optometry a world-recognized profession. Optometrists realize now that if properly organized they can wield a mighty power for good. If at this critical moment any man engaged in this field does not make every effort to advance the cause, that man is a traitor to his calling.

The business sessions of the A. A. O. were conducted with decorum, and the officers elected are men from whom much may be justly expected and who will not disappoint. Past grievances were spoken of and buried, and never in the history of the association has there existed greater harmony between all branches. The proposed National Academy of Optometry was one of the chief features, and though no official action was necessary, the plan was given the moral support of all representative optometrists.

The scientific sessions of the Physiological Section surpassed any ever held. The large attendance and the avidity with which its lectures were listened to showed with what seriousness the men sought higher education. The eye-testing room was continually filled with earnest workers seeking truth diligently and uncovering many valuable truths by clinical tests and discussion. The business session of the section resulted in a plan being adopted that will do much toward advancing the educational status.

Briggs S. Palmer, with his unquestioned executive ability, as president of the A. A. O., and E. LeRoy Ryer, with his comprehensive grasp of educational affairs, as president of the Physiological Section, may be relied upon to pilot their respective charges safely through one of the most critical years in the history of the association.

As one saves a choice morsel until the last, we reserve one choice feature. The success of a convention depends much upon the conduct of the local optometrists and the Rochester gentlemen typify a high order of professional optometrists: their educational refinement; their lofty ideals, and their unsurpassable hospitality heightened the luster of the brightest optical convention the world has known. F. N. A.

A New Aid to the Blind.

A NEW device has been invented by Poulsen which reproduces speech more exactly and naturally than any variety of phonograph or graphophone now in regular use. It is called the telegraphone and reproduces sound by the varying magnetism of a steel disc or wire. It will reproduce any sort of message in any tone or strength of voice, without any mechanical additions or other unpleasant effects.

This being true, what a field of usefulness is here opened to the blind, the sick, the invalid, the aged. No longer will the blind be obliged to use the cumbersome, expensive, wearying reading methods of Braille, New York Print, line letter, and various other forms of embossed or raised points and lines. There is one disadvantage, however, namely, that where deafness exists the machine is useless.

Experienced readers could be employed to read into the telegraphone selections from the choicest libraries, and thus all tastes could be supplied. Written letters could be dispensed with and instead a plate sent to your correspondent which would reproduce for him (or her) every inflection of your voice, just as though you were speaking directly. A book could be read, or rather reproduced, to the blind or sick, while the sufferer lies in bed. Recitations, conversations, concerts, lectures and even plays could be brought to the sick-room or to the home.

The chief disadvantage of the various types of talking machines now in use is that only a limited amount can be reproduced on account of the area of the "record," whether plate or cylinder. With the telegraphone it is understood that no such limiting feature exists.

Those with weak eyes who still desire to cull knowledge from books could borrow or buy one of these plates containing the matter he desired, such matter having been read into the machine by some one employed by the library. Thus by one person reading, innumerable others could benefit without using their eyes.

C. E. Briggs, Almond, Wis., has sold his business to J. C. Jones, Nekoosa, Wis.

Ocular Reflexes.

RANNEY and Gould have made very broad claims concerning the importance of correcting refractive errors, mainly on the ground that many diseases were due either directly or indirectly to these anomalies. With the object of ascertaining whether many of the so-called reflexes were actually due to eye strain, the principal American ophthalmologists have been asked to answer certain questions that lead to the following conclusions, as given in the *Ophthalmic Record:*

Very few have seen many direct reflexes; and this large experience shows beyond question that in the future it will be impossible for any one to repeat the claim that such reflexes as keratitis, iritis, glaucoma, cataract, common colds, tuberculosis, intestinal fermentation, constipation, disordered liver, dyspepsia, loss of appetite, nephritis, cardiac palpitation, chorea, epilepsy and insomnia are the results of eye strain.

The reflexes that can be attributed to eye strain are those whose symptoms are referred to the eyes, to the head and to the stomach. Other morbid conditions may be dependent upon eye strain, but proof of that is what is needed. Proof is daily forthcoming, and the time must come when the most conservative physician will have to admit that before he can successfully treat many morbid conditions his patient's refractive errors must first be corrected by the optometrist.

While errors of refraction may not be direct causes of any of the above mentioned morbid conditions, is it not reasonable to assume that these conditions are aggravated by the ocular muscular strain, or that the ocular strain, using up a certain portion of vital power, leaves the patient in a weaker position to cope with any disease no matter what its nature may be?

Apropos of these remarks we find in an editorial in the *New York Medical Journal* the following statement: "'Causes of chorea' (St. Vitus Dance). The second group is made up of cases due to reflex irritation. Eye strain in some patients causes chorea, and on them the use of a cycloplegic at once mitigates the symptoms, as shown by Hansell. Appropriate spectacles complete the cure."

Achimic Lenses.

ACHIMIC is a term proposed by Prof. Dor, in the *Review d'Opt.*, to designate a glass that will exclude the chemical rays. Heretofore anactinic, which means impenetrability to luminous rays, was used to designate such a glass, but it is claimed that achimic, meaning impenetrability of glass, is a better term.

Incidentally, yellow or amber colored glass, is the most anactinic, or, if you wish, achinic, shutting out more of the irritating chemical rays than any other colored glass so far known. This kind of lens is very useful in cases where the crystalline lens has been removed on account of cataract, and is superior in all cases to blue or smoked lenses.

O. C. Thomas, Madisonville, Ky., has sold out his business.

RETAIL JEWELERS ADVERTISING

The use of this department is open to every retail jeweler and optician. Forward for criticism your newspaper ads., booklets, catalogues, novelties, circulars, etc. Ask advice and offer suggestions. Replies in these columns are unbiased. Make letters as full and particular as you desire. Every letter and ad. sent will receive full attention, though the publication of the matter may sometimes be delayed several weeks.

THE "special" in the advertisement of Brock & Feagans, Los Angeles, Cal., is well exploited in a space of five inches, double column. The reason given for the low price is a convincing one, and the article is pleasingly pictured before the prospective buyer by means of an odd border design.

The announcement of J. H. Lepper, Mason City, Ia., appeals to vacationists in a space of 5¼ inches, double column. The proofreading of the ad., however, evinces either negligence or ignorance on the part of the reader, who passes the mispelled word "recieve" with the i before the e and fails to place a period after the first sentence in the second paragraph and begin the new sentence with a capital.

The Plumb Jewelry Store, Des Moines, Ia., advertises its stock of watches by means of a confidence-inspiring argument set in a space of 10½ inches, single column. An argument of this length would probably stand a better chance of being read by a greater number of readers were it set in double column instead of single column, space, *e. g.*, 5¼ inches, double column. By using this form a much stronger and better typographical effect could be obtained.

The triple-column ad. of this same firm occupied about 10¾ inches. The design forming the top part of the border makes an excellent line cut and a most suitable headpiece for the advertising of wedding gifts. The text has an interestingly written introduction. The gifts enumerated are not sufficiently varied, consisting as they do principally of silver spoons and cutlery. This list of articles and the accompanying prices should have been printed in type with a heavier face. The contrast would then look well, and the entire display would thus be rendered more effective.



A Dead One.

BREATHES there a man with soul so dead
Who never to himself has said:
"My trade of late is getting bad;
I'll try another ten-inch ad."
If such there be, go mark him well;
For him no bank account shall swell,
No angel watch the golden stair
To welcome home the millionaire.
The man who never asks for trade
By local line or ad. displayed,
Cares more for rest than worldly gain,
And patronage but gives him pain.
Tread lightly, friends; let no rude sound
Disturb his solitude profound.
Here let him live in calm repose,
Unsought except by men he owes;
And when he dies, go plant him deep,
That naught may break his dreamless sleep;
Where no rude clamor may dispel
The quiet that he loved so well.
And that the world may know its loss,
Place on his grave a wreath of moss,
And on the stone above, "Here lies
A chump who wouldn't advertise."

—*American Stationer.*

Retail Advertising Department.

Another Odd Advertising Card.

RATHER an odd conception in advertising cards is illustrated herewith. The original is 4¼ by 2⅜ inches, orange yellow in color and resembles in appearance a railroad pass, but at first glance only. The "conditions" printed on the back are:

CONDITIONS.

The good looking person who holds this pass is entitled to ride, walk or creep over any and all highway, byway or crosslot routes leading to the BIG BARGAIN DEPOT of the undersigned, which is the jumping-off place for everybody who is looking for the Newest Styles, the Best Qualities and the Lowest Prices.

This Pass is good on all divisions of the Drop-in-and-catch-on Line. Punch the bearer if he



squeals and collect damages. Conductor will take up this pass if presented by anyone not holding the same. In consideration of our reduced rates, all money taken is at owner's risk. Passengers without baggage on return trip will be put off at the nearest insane asylum.

W. C. STULL, Jeweler and Optician,
Valdez, Alaska.

BIG BARGAIN DEPOT FOR
Watches, Clocks, Jewelry, Silverware, Novelties, Etc.

Yankee wit has certainly not been "frozen out" in Valdez, Alaska, where the advertiser does a fair business in spite of the town's diminutive population of 315 souls.

Rural Post-Card Advertising.

BOONE, Ia., Sept. 19, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

The post-card craze, now at its height, is responsible for numebrless "art" productions, and I enclose one which I came across a few days ago. It is used by a jeweler in



the west. The idea is crudely expressed by the artist, but nevertheless shows that the advertising instinct is "all there." The inscription on the board erected on the embankment, at first suggested to me, the now hackneyed "Everybody Works but Father." The poetical effusion in the upper right hand corner is a wonder metrically and rhythmically. The Tennysonian rhyme, too, is worthy of notice. But, seriously, this embryonic idea, it seems to me, could be developed by jewelers with good results during the present ever-increasing demand for post-cards. Views of the store interiors make especially good material for this purpose as a supplement to the regular newspaper advertising. "TRAVELER."

What Some Jewelers Say.

YOUR watch taste can be suited perfectly here. A good timekeeper can be obtained from us for the price of the unreliable watches with which the market is flooded. Warranted for accuracy, and only needing regular windings to be "on the minute" for seven days a week. Watches are reasonably priced here. Compare our prices and the quality and designs of our timepieces with any others in the city. You know we are always glad to show our goods to anyone who is interested, whether they intend to purchase or not. Drop in to see us and note the many bargains we have in watches. H. J. Bare, Waynesboro, Pa.

Policy in diamonds. Sometimes we buy diamonds as much as 18 months ahead of our wants so that when we put the stones on the market (which is and has been continually rising) they are lower in price than any of our competitors can offer them for. We have just completed the assorting and grading of one lot of 147 diamonds weighing 178 carats. These diamonds, with the exception of the mêlée and small series which were sold in Amsterdam, are one-tenth of an original lot bought before the advances in price by the Diamond Syndicates of five per cent. in August and October, 1905; 10 per cent. on certain grades in January, 1906, and the placing of an export tax of 10 per cent. on all diamonds by the Government of Cape Colony. Labor was also advanced about 25 per cent. in January, 1906. This lot of diamonds has broken seven per cent. better than our allowance; 68 per cent. are perfect under the loop, 11 per cent. have slight roughness on edge or a very minute speck the size of the end of a small hair in edge or back; 21 per cent. are very slightly pique. The sizes vary from five-eighths of a carat to three carats each, 80 per cent. being between seven-eighths and one and three-quarters. There are eight grades of color according to our scale. The prices on the perfect stones vary from $108 to $182 per carat, according to grade; the imperfect ones being cheaper. We have not paid any manufacturer or jobber a profit on these diamonds. We go into the market, cash in hand. If there is any advantage to be had in the way of price concessions for cash we get it. If there is no concession offered we wait until there is one offered. We buy diamonds at the lowest net prices at which they can be bought. The diamonds which we are now offering are worth considerably more than the price which is marked on them. Arthur M. Field Co., Asheville, N. C.

Watchwords: Right time watches are the only kind worth carrying—and no watch will run right unless the running part, the movement, is right. A good movement costs money. It takes time to make the parts, and more time to put the many parts of the movement together. Consequently a good watch cannot be bought for a song, or for several songs. Now, the watches in our stock are the best products of the best Swiss and American watchmakers, and represent our idea of what good watches should be. They are as low priced as a dependable timepiece can be priced, and the accuracy of each one is positively guaranteed. Watch inspectors for Southern, Georgetown and Western railroads. Also Consolidated Railway. S. Thomas, Jr., & Bro., Charleston, S. C.

All sorts of pretty conceits in jewelry are the vogue. Many novelties have been added to the already large assortment of belt buckles, pins, shirt-waist sets and jewelry of all kinds. The fancy has a wide field to soar over before making a choice, but as all goods are extremely pretty, of excellent quality and reasonably priced, any piece selected will be the right piece. Howard Wilcox, Catskill, N. Y.



STRIKING DIAMOND AD. USED BY JOS. LINZ & BROS., DALLAS, TEX.
(Reduced from 16¾x10½ inches.)

Store Keeping Department.



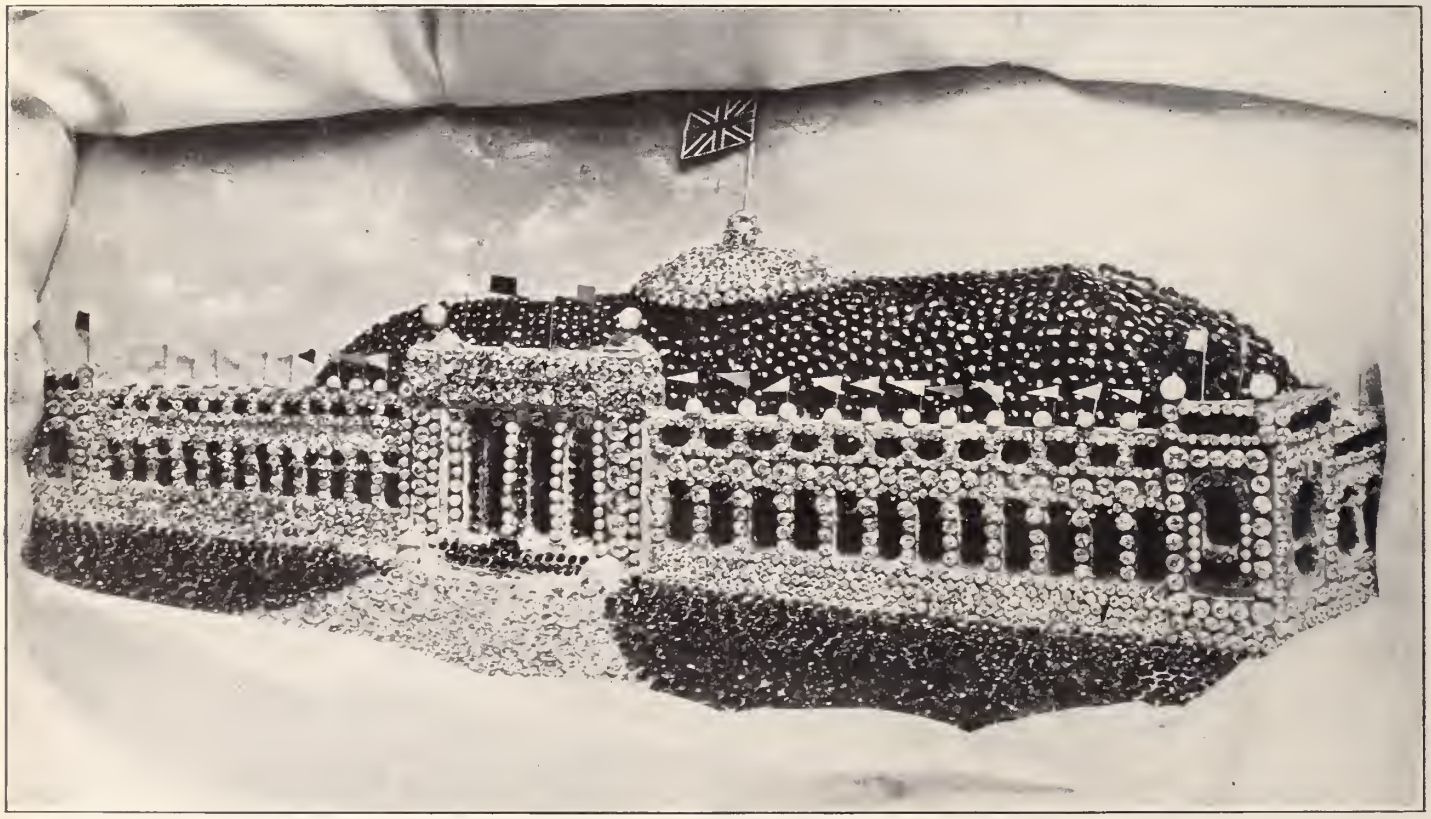
That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Magnificent Display Seen at the Recent Canadian National Exposition.

ONE of the attractive features of the Canadian National Exposition, which opened in Toronto, Ont., Aug. 27, for two weeks, was the display of Ambrose Kent & Sons, of that city. The firm occupied a central position in the Manufacturers' building with full lines of fine gem jewelry, watches and souvenirs.

Their most noteworthy exhibit was an exact reproduction of the Manufacturers' building entirely encased in diamonds, rubies, emeralds, pearls and other precious stones. The model is 13 inches in length and six inches high. It is valued at $38,000.

The roof is composed of rubies, the walls and pathway in front are in diamonds and the dome surmounting the structure is also of the same stones, with a large gem on the top weighing two karats. The grass is represented by emeralds and the row of globes along the front are whole pearls. The columns of the doorway are made of half pearls and the windows are represented by sapphires and rubies. The shadows in the doorways are effectively reproduced by a combination of rubies and sapphires. Since the exhibition closed this model has been displayed in the concern's show window, where it attracts much attention.



A REPRODUCTION IN PRECIOUS STONES OF THE MANUFACTURERS' BUILDING, EXHIBITED AT THE RECENT CANADIAN NATIONAL EXPOSITION.

Powell & Kreyer have been succeeded in the jewelry business in Ft. Scott, Kans., by V. I. Powell.

A recent exhibit in one of the display windows of the store of Robert C. Hall, Franklin, Pa., was a collection of photographs of authors, actors and actresses well known to the public. The collection included the signatures of members prominent in England, France, America and other countries.

Good Advice for Salesmen.

(By W. N. AUBUCHON, in *Ad Sense.*)

WHEN a salesman is employed by a firm to sell its goods it may be presumed that it is not desired that he is to give either time or thought to the sale of a competitor's goods. Yet there are many salesmen, who, while they will emphatically deny it, and, in fact, do not realize it, are devoting about half their time to the advancement of their competitor's business.

This seems to be almost ridiculous at first view, but when we consider the fact that the buyer in 99 instances out of a hundred is a fault-finder as a result of habit, and that every fault which he discovers in the goods of a salesman is offered argumentatively in unfavorable comparison with an advantage in some other line or similar merchandise, we can see that unless a salesman is resourceful, capable of ready

Storekeeping Department.

and effective reply to every objection, he is blunderingly permitting his competitor's advantages to be emphasized by the buyer and at every turn of the argument is himself losing ground.

A failure on the part of a salesman to correctly answer an objection or explain a seeming discrepancy is equal in effect to giving an advantage to a competitor. A salesman may sell his competitor's goods even more quickly by the error of omission than by one of commission—by what he does not do, rather than by what he does do. And it may be said, too, an argument offered against a competitor often results in being one to his gain. To illustrate:

A solicitor visited our office yesterday and while explaining his own business stated: "Our competitor is a very large company, we are a small and new firm. He has a very complete equipment, we have not, but we are honest, while his methods have been questionable."

Now we have been dealing with his competitor for nearly 30 years and probably know the methods employed pretty well by this time. What an absurd position for the solicitor! We immediately lost confidence in his knowledge, in his intelligence and in his integrity. He received little consideration after making the statement.

It is to be assumed of course that in all instances the honesty of the selling house is unquestionable. A dishonest seller in a short time will reach the end of his rope. There must be truth supporting representation, but often all the ingenuity of the salesman is called into play to make even truth apparent to a doubting customer.

A quick thinker, one of ready resource, will accomplish more through meeting objections than he will if no objections to the merchandise are offered. No buyer is so easy to convince as the one who is willing to argue the point, but unfortunately a salesman who is weak in his position is most often the one who is convinced and thereby defeated. A buyer who will talk against the salesman's proposition has his thoughts at least upon it and inattention, the greatest barrier to success, does not obstruct the salesman's way.

A salesman who cannot transform a competitor's strongest claim into a weak point lacks ingenuity in argument. "For everything gained there is something lost." A strong feature is almost sure to be neutralized by a feeble one somewhere in every structure. It is seldom that an argument is strong in all its phases.

It was said of one of our famous lawyers that he wrote an argument in favor of the gold money standard and submitted it to his wife. She was convinced. He then prepared one in favor of the silver standard. After reading it his wife could not understand how anyone could be in favor of a gold standard. And so it is throughout all the world, it depends upon the point of view from which we present our argument. There is a measure of right in all things and an almost equal degree of wrong.

Right and wrong are simply relative terms for the same thing and become either one or the other to us, according to the manner in which we use the thing itself. Our merchandise is the wrong merchandise for the dealer who doesn't know how to use it to advantage, and the right thing for the one who does know.

When our competitor places his merchandise with a dealer he has succeeded in demonstrating its right features, but when we fail to place our goods with the dealer we have only succeeded in demonstrating their wrong features or, in other words, have aided our competitor by not being able to do our work right and have left him in possession of the field.

It is the easiest thing in the world to show why goods are not what they should be. To any piece of merchandise can be found a hundred objections. A salesman must make up his mind that no matter what he sells it is not likely to be found perfect by the buyer.

A salesman aids a competitor every time he condemns him, and every time he mentions his goods, yet I believe that every time he names a competitor favorably he weakens the competitor with the customer and strengthens his own position, provided that he does not name his competitor except when the subject is introduced by the customer.

Agree with a customer where you wish to change his opinion, disagree with him when you wish him to remain obdurate. Agreeing with a customer, however, when you really wish him to alter his ideas, means, simply, an exhibition of a gentleman's tolerance for his opinion; the tolerance of tact, which, in fact, is not tolerance at all, but art, in argument and persuasiveness.

(To be continued.)

John F. Stowe has sold his jewelry business in Missouri Valley, Ia., to John Wehrli.

A Representative Retail Jewelry Store of Appleton, Wis.

THE photograph of the store of Frank C. Hyde & Co., Appleton, Wis., reproduced below, was taken at night after a well calculated exposure without the aid of the usual flashlight. The clean-cut picture was rendered possible under such circumstances by the brilliant illumination of the establishment by means of Nernst electric lamps.

The main floor of the establishment is 60 feet long by 16½ feet wide. At the right, in the rear, is the workshop, 10 x 24 feet, and the optical room, at the left, in the rear, is 20 x 6½ feet. The show window, which is 9 x 4 feet, is finished in mahogany, while the interior of the store is finished in dark golden oak.

Upon entering the store one finds on the left, just inside the door, an ornamental and comfortable seat upholstered in leather, for the accommodation of customers. On the same side of the store the rest of the wall space is taken up by three new wall cases, the first devoted to cut glass, the second to clocks and the third to table silverware.



INTERIOR VIEW OF THE STORE OF F. C. HYDE & CO., APPLETON, WIS.

A. J. Calkins, Lexington, Ore., has started a new scheme to enliven business. A coupon appears each week for five weeks in a local daily. Each coupon will be redeemed for 25 cents upon purchases amounting to $10 or over, and for 10 cents on purchases amounting to $5 and under $10. Customers will be allowed to present all five coupons at one time if they desire, thereby securing a discount on a $10 purchase of $1.25 or 12½ per cent.

Robert F. Adair, who was a well-known jeweler in Maysville, Ky., about 50 years ago, spent a few days with old friends in that place, recently. Mr. Adair at present resides in Paris, Ky.

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J. & H. BERGE,

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The dainty little things that appeal at once to the casual observer. If it's useful, as well as ornamental, so much the better. Here is a LITTLE THING, so very useful and so pretty in design and finish, that you have but to show one to make a sale, and it yields a BIG PROFIT. It is called

The Automatic Eye-Glass Holder

Can be used as well for a Pencil Holder. It is made in Enamel, Gold, Silver and Rolled Plate, in a variety of artistic designs. We fully guarantee every Holder. We mean it, and will replace any Holder that fails to satisfy. Samples sent upon request. Send for catalogue.



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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1665.—**United States Gold Coin and Gold Bricks.**—*What is the quality in karats of United States gold coin? I understand that gold bricks can be bought at the Philadelphia mint. Can you advise me in what weights these are put up?* *A. B. K.*

ANSWER:—United States gold coin is 900-1,000 fine. It is said that the 10 per cent. alloy in these coins consists of two-thirds copper and one-third silver. Gold bricks may be bought from the United States mint in bricks of different weights, generally for an amount of $500. This brick gold is 999-1,000 fine.

QUESTION No. 1666.—**Heat and Water Resisting Cement.**—*Please give me a formula for making a cement for glass that will resist liquids and heat.* *H. W. S.*

ANSWER:—A cement that will resist the effects of boiling water and heat is composed of 100 parts of silver litharge; 50 parts of white lead; three parts of boiled linseed oil, and one part of copal varnish. The lead and litharge are mixed intimately, and the oil and copal separately. When the cement is to be used the two preparations are to be mingled in the proportion of 150 parts of the solid mixture and four parts of the liquid. The whole is worked up carefully and applied to the piece to be fastened. These are closely pressed together for at least 24 hours.

QUESTION No. 1667.—**Cement for Celluloid.**—*Will you please tell me how I can make a cement for fastening celluloid?* *B. S. A.*

ANSWER:—Cement for fastening celluloid can be made by rasping celluloid fine and allowing it to macerate in 90 per cent. alcohol to render it soluble. A solution may also be prepared by mixing five parts of celluloid in 16 parts of a solution of amyl acetate, acetone and sulphuric ether.

QUESTION No. 1668.—**Old Watch.**—*I came into possession of an old watch while traveling in Nicaragua, Central America, having purchased it of an old Frenchman. On the back of the watch is the following inscription: "Le Roy a Paris Arquilles Exchappement a Cylindre Roue Trempee Quatre Trous en Rubis." The numbers on the back are 2982—S.S. 2917. It winds with a key and strikes every hour, quarter hour and half hour. It has a plain face, one pearl being set in the hour and the minute hand. The hands are of gold; the dial is of silver, and also the case, which has two gold bands on the front and back. There is no name on the works—merely the letter "L." I would appreciate it very much if you could give me some idea as to about when the watch was made, and also as to its value.* *O. L.*

ANSWER:—The watch of which you ask some information was probably made in the latter part of the 18th century, at which time trade between the Spanish colonies and France was active. There were two Le Roys. The older, Julien, died in 1759. Pierre Le Roy, his son, was born in 1717, and died in 1785. He was the most celebrated of the two. Your watch, on account of its high number, probably came from his establishment. Striking jeweled cylinder watches were made when he lived. The watch has no great value as a watch, but may be sold for a good price as an antiquity, for which a customer has to be sought.

QUESTION No. 1669.—**Low Karat Gold.**—*Please let me know how I can make an alloy of six and eight karat gold which will stand the touch stone.* *J. A.*

ANSWER:—Such tests on the touch stone are very unreliable when applied to low karat gold. The following is contained in a volume by Thomas B. Wigley, of the Technical School of Birmingham, Eng.: "The ordinary nitric acid test only distinguishes gold which is below nine karats. Nine-karat gold will become green like brass under the influence of the acid." Nine-karat gold alloyed with fine gold is composed of the following: Fine gold, nine parts; fine silver, eight parts; copper, seven parts. Or: Fine gold, nine parts; fine silver, seven parts; copper, five parts; brass, three parts. In eight-karat and six-karat gold you use less fine gold and more silver, copper and brass. The addition of brass causes the low gold to need less heat in melting.

QUESTION No. 1670.—**Casting Gold.**—*I have some old gold which I have been trying to melt into a casting, and in spite of all I can do it casts with very large air holes through the entire piece. I am not a novice at this, doing a lot of casting right along, and have very seldom found any air holes in my gold after I was through. In this particular case the holes are large enough to insert the point of a dull pin of a large size, and close enough together not to have a square surface of over one-quarter inch that is not full of holes. I re-melted that same gold over 10 times, with still no better results.*

ANSWER:—The casting of gold and silver forms a separate branch of the goldsmith's art, and can only be successfully performed by skilled operators in constant practice, with a ready command of the proper material and mechanical appliances. An occasional casting of a gold charm or ring can be done by most any versatile jeweler by using a cuttle fish in the following manner: A good-sized cuttle fish is sawed in two parts, and the soft parts are rubbed or filed perfectly flat; three small wooden pegs inserted on one side form the eye side. When it is found that the two surfaces come in perfect contact the article representing the pattern is placed in the position for casting, or if only a button is wanted then the size desired is cut out, the two sides are pressed firmly together with the article between them and a perfect impression is obtained. The pattern is then removed and a channel made for the molten metal, and the parts of the mould are tied together with iron binding wire. A cavity is then made in a piece of charcoal sufficiently large to hold the metal, the quantity of which may be two to seven dwts. The charcoal is tied to the cuttle fish with the cavity close to the mouth of the mould. The metal is then fused by the direct impact of a blow-pipe gas flame, and when quite liquid is gently tilted into the mould. A perfect casting is then obtained. If in casting a piece of gold into a round button the center will show sink holes, these latter are caused by the shrinking of the metal; the outer parts cool first, thus drawing the metal from the center, and if the metal has been melted over a number of times, or the alloy is not a good one, then the pin holes and sinks will show very much. This difficulty is usually overcome by hammering or rolling, which will close up the cavities. Casting in cuttle fish is often unsuccessful for the reason that it is not quite dry, and the gold is not sufficient in quantity to produce pressure for a dense casting. In using solutions for gilding, a slight deviation in preserving solutions from coming in contact with vessels which have contained old solutions of which we knew not the exact composition or other trifling inaccuracies will prevent success.

Nickel Oreide for Art Metal Work.

AN alloy which was at one time more or less extensively used has recently reappeared in the form of art metal goods. It is the old "Nickel-Oreide" mixture, and for many purposes it is a good metal. It possesses a rich, golden color, and is soft enough to spin and stamp into sheet metal wares of all kinds. It is almost too soft for castings, although by adding about two pounds of tin to 100 pounds of the mixture the metal will be strengthened.

The mixture as it is ordinarily made consists of:

Copper	10 lbs.
18% German silver	5 lbs.

This formula then becomes:

Copper	86.66%
Zinc	6.66%
Nickel	6.68%

Many articles, such as trays, vases, teapots, and other articles of hollow-ware are made from it and are quite attractive.—*The Brass World.*

H. T. Willams, formerly of Kirksey, Ky., is now at Dexter, in the same State.

Miscellaneous jewelry and watches valued approximately at $300 were stolen recently from the general store of Hanson, Newgard & Hanson, Milnor, N. Dak.



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THE BEST EXAMPLES of modern Bohemian Glass possess great richness and present a wide diversity of effects. No ware for table ornamentation is more brilliantly decorative. These same charms add brightness to your store while they induce sales.

Our lines include the fullest range of articles, effects and shapes now in vogue. Prominent among the showings are characteristic examples in Applied Gold. Color also is introduced with felicitous results, especially in fruit and flower decorations. Reference must also be made to the rich and dignified Engraved Glass, as well as to Iridescent Effects and deep color tones resembling pottery. Altogether a fascinating display.

Fruit Bowls, Bon-Bon Dishes, Liquor and Punch Sets, High-stemmed Champagne Glasses and Trays, Nappies, Perfume Bottles, Flower Vases, Candlesticks, Odd Pieces in Unique Conceptions.

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Modern French Work in Tin.

THE pewterer's trade has been native to France since early times. Of the two great masters of the art, Caspar Enderlein and François Briot, the latter, who lived in the second half of the 16th century, belonged to that country. A distinction was made there in the *art du potier d'étain* be-



VASE BY JEAN BOUFFIER.

tween the common *poterie d'étain* and the *orfévrerie d'étain*, the latter being the artistic branch of the work. A no less distinguished writer than Lessing was the author of an essay on these two masters. Of Enderlein he says that we know no more of him than what Doppelmayr wrote, namely, that "Casper Enderlein, a pewterer, born in Basle, won affection and praise from all his contemporaries in art, both for his devotion to the advancement of his calling and for his great skill in embossing, stone cutting and casting of figures. He died April 19, 1633." Karl W. Hiersemann, of Leipzig, published, in 1897, an excellent monograph, by Hans Demiani, on Casper Enderlein and François Briot. There is no space in the present article to enter into further details regarding them; it will only be said that a number of fine and authentic pieces of their work have been preserved, and that the achievements of Enderlein are of great value, including his work in the flat style of decoration of the German Renaissance.

The difference in the style prevailing at that period from that of the present day was, of course, as great as the difference in technique. Skill consisted in the minute detail of the engraving and the number of figures which could be introduced upon a surface, so that the work looked as if pressed. To-day the effort is to make it stand out in a curved plastic effect. There is no doubt, says the *Deutsche Goldschmiede Zeitung*, that this style corresponds better to the nature of the material, for the surfaces, worked in plastic fashion, catch and reflect the light like silver. Minuteness of detail is more suitable for silver than for tin, giving the effect of oxidation, while in the case of tin the ruder material makes the work seem more like a model merely. Besides this, such minute details cannot be executed in the mechanical process of casting tin employed at the present day. For this reason the large foundries, both of France and Germany (especially that of Kayser, Cologne), give their attention to plastic effects.

Of the two French masters of the art at this day, Jean Bouffier and Louis Boucher, specimens of whose work we reproduce here in illustration, the former attempts a broader plastic style than the latter. Yet Boucher seems to understand the nature of his material better than Bouffier. He knows that tin has its best effect in a rounded, lightly ridged surface, for this shows that the material can be nothing else than tin. It is a mistake to attempt this style of modeling in silver—although it is frequently done on candlesticks, etc.—losing sight of the fact that silver is much harder than tin, and must have a harder style of treatment. Too much emphasis cannot be laid upon the need of considering the peculiar characteristics of the material, for upon this depends all the technique of industrial art.

Bouffier violates this principle when he designs a piece of work—as he frequently does—to be executed either in tin or copper. Are not tin and copper two entirely different materials? Is not the former bright and flashing, the latter dark and dull? Is not tin softer than copper and less granular? Bouffier's vase, shown in the illustration, is from the hand of a master of design, but nothing indicates whether it should be executed in tin or terra-cotta. That he is a talented and sympathetic artist is not denied. But the instinct for individual treat-



TIN BOTTLE BY LOUIS BOUCHER.

ment of each material is now, as ever, the first demand of industrial art.

A. R. Ackley has purchased the stock of A. E. Warren, on Division St., Sidney, N. Y., and will continue the business at the same place.

The German consul at Madrid reports that an agricultural and industrial exhibition will be held during the month of September at Valladolid.

Consul J. H. Grout urges the necessity of American manufacturers of plated ware who desire to open up a trade in Malta to send agents with samples and not trust to catalogues and circulars. He says that there is a market for biscuit jars, casters, cake baskets, candelabra, coffee and tea sets, berry dishes and many other novelties.

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Do *you* believe one glass better than another?

Of course you do.

You do not want glass that is poorly cut and poorly polished—glass that lacks brilliancy, that lacks *life*, do you?

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You know that the name **Libbey** stands for originality of design, worth of materials, superiority of workmanship, depth of cutting and unusual brilliancy, don't you?

Of course you do.

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Buffalo—J. R. Stadlinger, 685 Main St.
Indianapolis—J. A. Dugan Co., 22 S. Capitol Ave.
Duluth—Duluth Crockery Co., 6th Ave. and West St.
Denver—Western Selling Co., 422 Charles Block.



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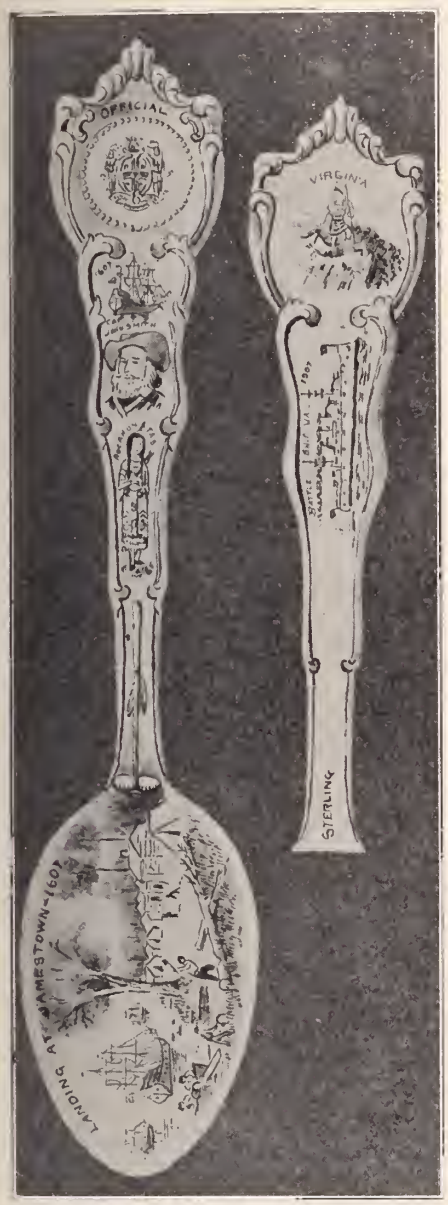
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TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES. Over 4,000 Marks. Second Edition. Price, $3.00 The Jewelers' Circular Pub. Co., 11 John St., N. Y.

The Forthcoming Jamestown Exposition.

THE exposition to be held in Norfolk, Va., next year in celebration of the 300th anniversary of the settlement of that State by the first English colonists is beginning to attract considerable attention all through the United States, and it is expected that the exhibits which will be made by manufacturers of the various lines will be well worthy of the occasion. The officials of the exposition now have on view a plan which, if carried out, will enable those manufacturers who do not wish to have



SOUVENIR SPOON OF THE JAMESTOWN EXPOSITION.

expensive booths to make exhibits in a more satisfactory manner, and at a smaller cost than they have been able to do at any other exposition in the country. The plan will simplify and economize the handling of the booth installations, and is believed will appeal to many manufacturers who might not otherwise be induced to show their products.

Under this plan exhibits will be housed in the Manufactures and Liberal Arts building, and in a way that one exhibition will not have an advantage over another. While, of course, this will help the small exhibitors, it will not prohibit the big concerns who do not use this method from having an exhibit on a more extensive scale.

The walls of the Manufactures and Liberal Arts building are now nearly up, and the plans for the facade are completed and in the hands of the governor of the division of exhibits. This will be known as the interior court of artistic industries, and will be located in the center of the big building. In this will be displayed the select exhibits of art manufactures, exhibits where art enters into manufactures that are useful.

In the building proper exhibits will be displayed of stationery of all kinds and the process of making and preparing it; cutlery and the equipment for manufacturing it; silversmiths' and goldsmiths' ware, jewelry, clock and watch making, productions in bronze, cast iron and wrought iron, brushes, fine leather articles, fancy articles and basket work, office and household furniture, stained glass, hardware, paper hanging, carpets, tapestries and fabrics for upholstery, glass and crystal, threads and fabrics of cotton, silks and fabrics of silk, laces, embroideries and trimmings, leather boots and shoes, furs and skins and fur clothing, photography, musical instruments, electric lighting and many other subjects that will be fully set forth.

This building, with that for the exhibit of machinery and transportation, is the largest on the exposition grounds, and is in front of and to the left of the Administration building.

The designs for the official souvenir spoons have been accepted by the exposition after a competition which manufacturers in many parts of the country competed. The spoons which are illustrated herewith are in design typical of Virginia and its history. One spoon shows a handle with the Jamestown seal at the top, beneath which is a ship typical of the time of the settlement of Jamestown, and below this on the shank are pictures of John Smith and Pocahontas, and an Indian club. The bowl contains a scene representing the landing at Jamestown in 1607, while on the back of the handle appears the coat of arms of Virginia and a picture of the present battleship named after that city.

The other two spoons illustrated herewith represent two characters famous in the early history of the first colony, each of which is portrayed in full figure on the handle. The one on the left shows the portrait of Captain John Smith, while the bowl contains a scene illustrating the intercession of Pocahontas when Smith was to be killed by the Indians. The spoon at the right shows a figure of Sir Walter Raleigh, the first man to attempt to colonize Virginia, and in the bowl is a design representing the introduction of tobacco into England. The contract to make these spoons has been awarded the Shepard Mfg. Co., Melrose Highlands, Mass., which was also given the concession for the manufacture and sale of the official seal of the exposition. The seal will be manufactured in a number of metals, principally in silver and enameled in cloisonné.

The exposition is expected to open about April 15, and will run until December and possibly into January.

Origin of the Word Porcelain and Some Traditions.

THE Standard Dictionary informs us that the derivation of the word porcelain is from *porcella*, the diminutive of *porco*, a hog. It further states that the Italian word *porcellana* (porcelain) is taken from the Venus-shell of that name, its upper surface being shaped like a pig's back.

The French used the *pourcelaine* in the middle of the 14th century, when it is believed to have been applied to mother-of-pearl.

The Portuguese several centuries ago called the product then arriving from China *porcellana*, and took that title, it is said, from its appearance presenting a close likeness to the glossy cowrie shell, which was known as porcella.



JOHN SMITH SPOON. SIR WALTER RALEIGH SPOON.

Lord Bacon's explanation of the composition of the Chinese porcelain was that it consisted of a species of plaster earth which became congealed and glazed when buried for a series of years in the earth. Guido Pancirolli, a *savant* of the 17th century, declared that porcelain was a composition of plaster, eggs and the scales of *marine locusts*. These ingredients were ground together and had to remain buried 80 years to produce the Chinese material.

And who can wonder that it took Europeans so long to discover the art when so far off the track?

M. Garrison removed recently from Housatonic to West Stockbridge, Mass.

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Sole Agent: CHARLES STREIFF, 33 Park Place, New York.



PORCELAIN TEA POT

Decorated with SILVER DEPOSIT.

Sugar and Cream Bowl complete this attractive set.

Colors: White and Gold, Blue, Olive Green and Pink.

Write for prices and illustrations of our exceptional line.

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SIX LIBERTY PLACE

NEAR MAIDEN LANE ... NEW YORK

Education and Its Place in the Art Industries in Germany.

[Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from *Le Moniteur de la Bijouterie et de l'Horlogerie.*]

(*Continued from issue of Sept. 5.*)

GERMANY'S SECRET OF ARTISTIC EFFICIENCY.

IN Germany the principle of generalization, diffusion, has been the lever of her artistic and industrial Renaissance; and the application of this principle has been realized under all possible forms, in a manner to make it produce wonderful effects, with all the advantages and all the benefits that such efficiency procures for a nation.

In the great centers there are societies whose mission is to develop the local art industries by grouping together the artists, workmen and merchants, that they may study in common all the questions concerning the artistic and technical progress of these industries, their commerce within the country, and their expansion abroad. Their means of action and their propaganda are the museums, the permanent expositions, international expositions, periodical competitions, lectures and libraries. There are 178 societies of this character, representing 145,000 members. The most perfect type is the *"Deutscher Kunstgewerbeverein"* of Berlin, which has 1,263 members and possesses a capital of nearly 1,000,000 francs.

Other societies reunite the artists, merchants and work people of a whole region, with programmes of the following character: "To increase industrial and artistic activity in this locality; to develop production from the point of view of beauty of forms and technical perfection; to render accessible to work people the resources of art and science; to restore ancient industries which have disappeared, to create new ones," etc. The most important of these societies is the *"Beyerischer Kunstgewerbeverein"* of Munich, which has 1,713 adherents.

Finally, the general associations syndicate the local societies of a whole countryside, in order to place to the common use the riches of their museums and their libraries; to diffuse industrial, artistic and commercial information; means of propaganda and of action. These associations organize traveling expositions, lectures which coincide with these expositions, with patronal *fêtes,* and with large fairs; they publish journals, reviews, annuals; convene annual congresses, regional and national. Bavaria also has been endowed with *"Beyerischer Kunstgewerbevereins"* syndicating 22 societies, whose adherents are nearly 12,000 in number; Westphalia, with the Rhine counties, possesses the *"Central Gewerbeverein für Rheinland und Westfalen,"* which is formed of 30 societies, grouping 15,000 persons who are employed in art industries.

Besides these various associations are numerous societies whose functions have exclusively as their object the development of the teaching of art applied to industries, and to provide schools with models and tools. These societies are also syndicated. The Central Polythenic Union of Wurzbourg has 58, the Society of Industrial Arts of Darmstadt 33.

Despite the large figures of these associations and their members it must not be supposed that they cover all that touches upon art, closely or afar. These are exclusively Associations for Industrial Art, the *"Kunstgewerbevereins."* The Fine Arts Societies, *"Kunst Vereins"* are a distinct organization. They are in number 103, and unite 65,904 artists and amateurs. Several associations of artists have been founded to occupy themselves specially with questions of industrial art; for instance, the *"Karlsruher Kunstlerbund,"* which follows in a very decisive manner the tendencies which are being produced in Germany. "Artists throughout Germany," recently wrote a correspondent of *The Studio,* "have become art workmen; and the same men who a few years ago would have considered as incompatible with their dignity and contrary to their vocation the execution of a painting less than 10 feet high, apply themselves to-day to designing jewelry, inkstands, lamps, vases, etc."

Working alongside of the *"Kunstgewerbevereins"* there are, in a large number of towns, private associations which assemble together artists and art work people of certain special trades, or with tendency to a special art. Thus at Munich the "United Studios of Art Trades" have been founded by modernists, partisans of the most advanced ideas in matters of decoration.

In presence of such figures as have been given, one asks one's self with astonishment how it is that association flourishes so brilliantly and produces such fine fruits in Germany, while with us in France it remains sterile or abortive. Our political economists, our wiseacres, gnash their teeth, and in their explanatory quotations go back as far as Julius Caesar, declaring imperturbably that it is a question of ethnography and anthropology; that the Germans have always been communists or community-ists, while we French have always been specialists, individualists, being Latins, etc. But for anyone who has taken the trouble to go study this phenomenon on the spot, its explanation is much more natural and more modern. The Association of Art Industries in Germany succeeds for every reason contrary to those which have brought failure to us.

In the first place, association is inspired by a patriotic ideal. "Germany above all!" is the industrial, as it was the war, cry; and this ideal immediately transforms national interests, substituting for private home competition collective external competition, competition with the forcigner.

Again, association is organized in a scientific spirit—that is to say, with method and precision, by persons who have a common interest, and whom the national interest unites intimately; persons who know what they want, and who are determined to use all practical means to attain quickly the well-defined purpose at which they have aimed.

Finally, association has a character of independence, of autonomy, so strongly defined that it escapes all intermingling with the government, with administrations—above all, intercourse with politicians, and consequently with all the ferments of dissolution.

In these conditions of the organization and the working of the national plan, each one considers it a duty to participate to the extent of his means; and lacking the enormous individual contributions, of which England and America only furnish examples for the creation of institutions of this kind, the many bring to it their united power, which is a further development of the generalized application of the principle of federation.

Is there anything more simple and more formidable than the *Kunstgewerbevereins?* The summing up of the history of one of the most powerful, that which has been created for the art industries of Westphalia and the Rhine provinces, will show the genesis and the development of these institutions.

In 1880 an exposition of the industries of the region had taken place at Dusseldorf; it had obtained great success and brought a substantial profit to the committee which organized it. But this exposition clearly showed that the industrial arts, which were formerly very prosperous, had not progressed; and that their inferiority to other crafts was the result of the industrial arts not having been furnished with means of improvement; nor could they obtain good patronage in a locality where the public taste otherwise was not sufficiently developed to yield it in abundance. The committee acknowledged this with perfect frankness. It thereupon decided that the profits of the exposition should be devoted to the creation of a "Museum of Industrial Arts," whose object should be to bring forth articles "from the point of view of beauty of form and technical perfection, and to render accessible to art-workers the resources of science and of art."

Observe in this programme the loudly-proclaimed alliance of science and art; the teaching of the trade, and aesthetic instruction! Very evidently it was not collectors, not academicians, not political functionaries who edited that programme.

In France we should have stopped at the organization of the Museum, thinking thereby we had done enough for the cause, as was the case in the Central Union of the Decorative Arts.

The committee thought that after having created the Museum it was necessary to secure support for it. It therefore undertook to found a grand association having its permanent seat at Dusseldorf, in the Museum itself; an association which should have for its object "the industrial and artistic activity of the locality."

The programme of the new institution seemed practical and fruitful. The next day the association counted in nearly 700 members, all industrial, artists and workmen, schools and municipalities, whose dues constituted a fund sufficiently large to buy the first collections.

(*To be continued.*)

The annual Indian Industrial and Agricultural Exhibition will be held in Calcutta early in December. Although the scope of the exhibition is confined to articles of indigenous growth and manufacture, yet arrangements will be made for the exhibition of machinery and appliances of foreign manufacture which are likely to help and develop Indian industries. All communications should be addressed to the Honorable Secretary at the "Exhibition Office," 62 Bowbazar St., Calcutta.



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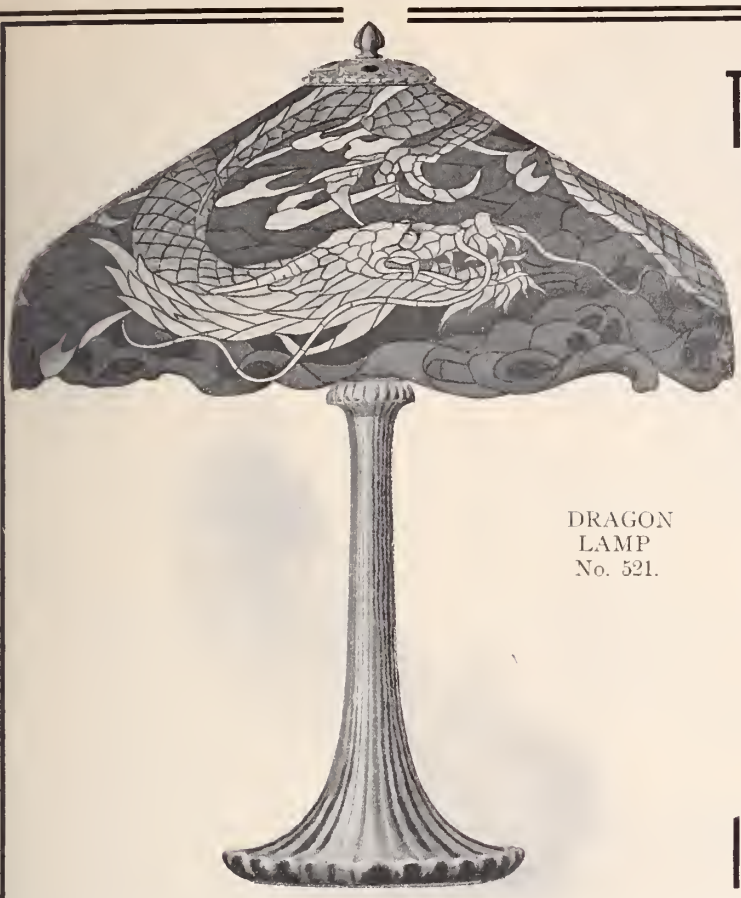
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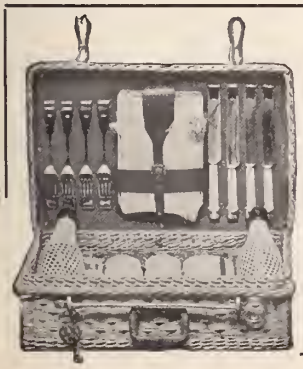
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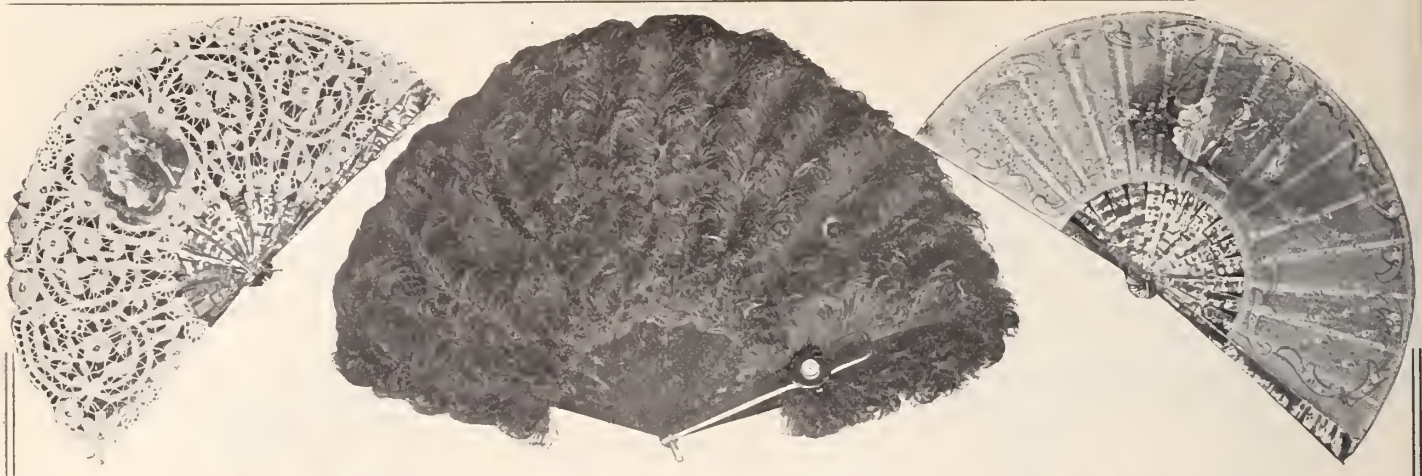
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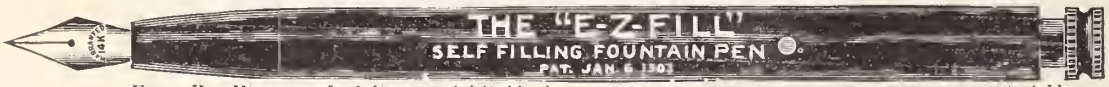
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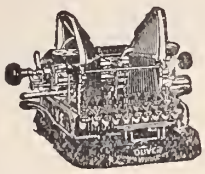
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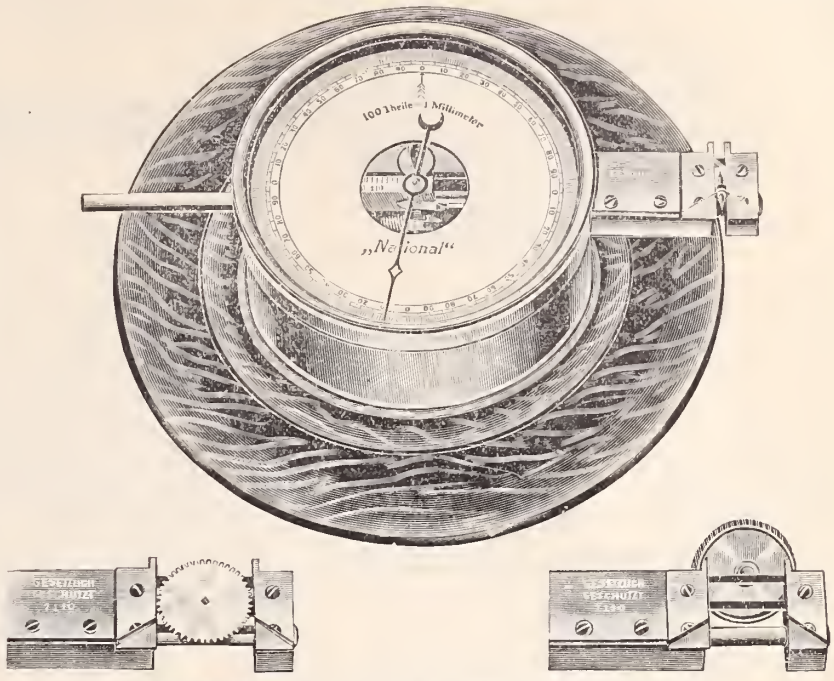
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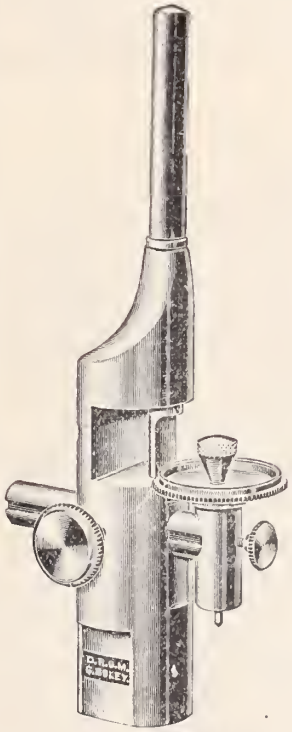
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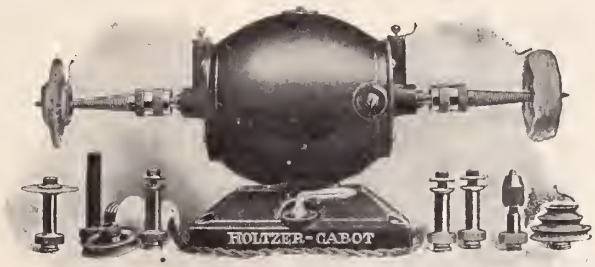
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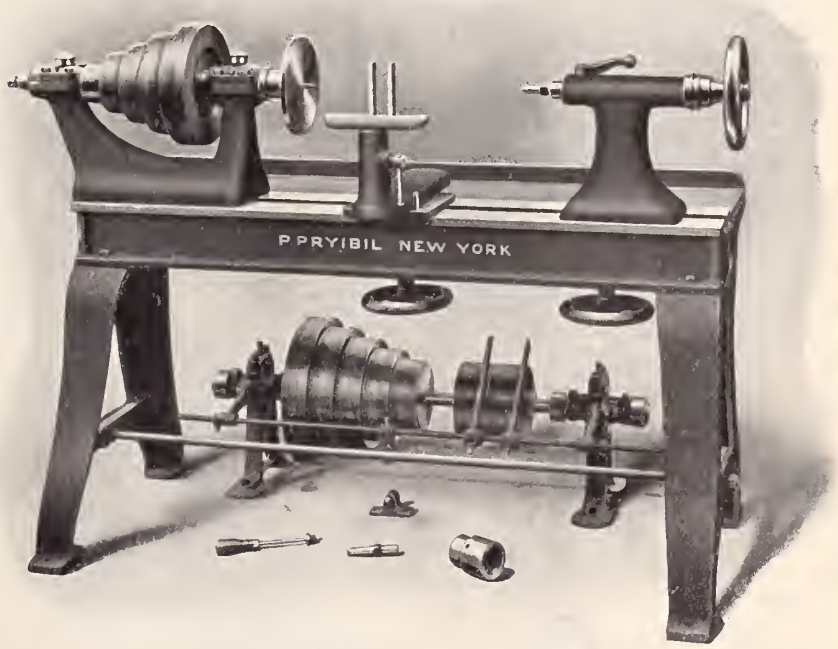
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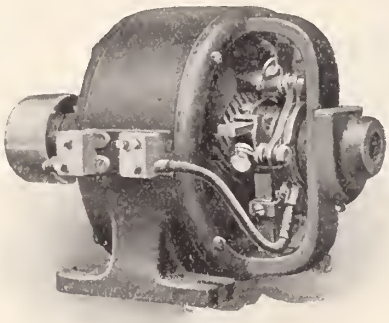
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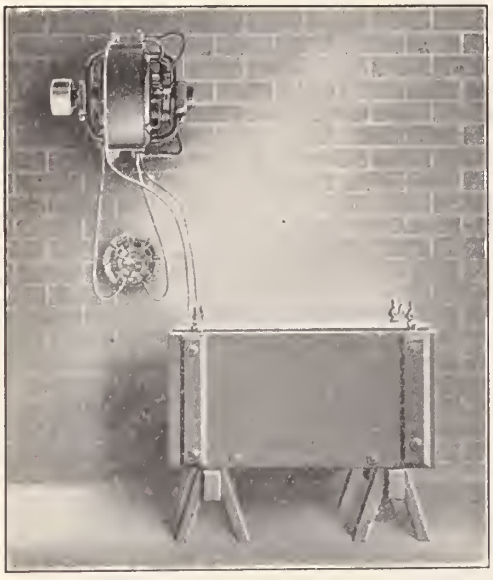
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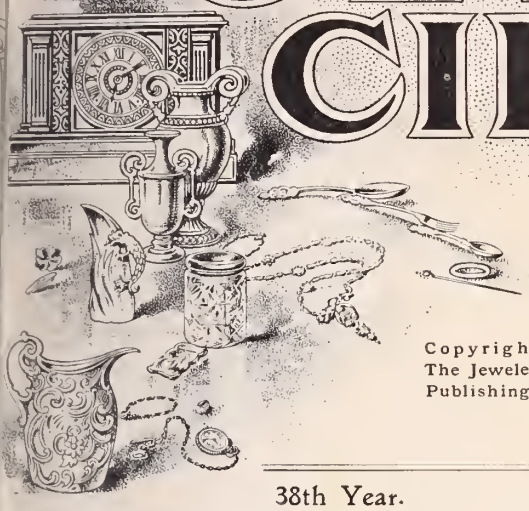
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Now that society is returning from abroad, the mountains, and elsewhere, we shall read of many weddings.

A timely suggestion is often sufficient.

Silver is always thought of for wedding presents—but what?

The Bridal Rose Pattern of Flatware is particularly appropriate, made in full line ounce goods, cutlery and fancy pieces.

Suggest this pattern when the occasion arises.

TRADE MARK

ALVIN MFG. CO.

Silversmiths

NEW YORK

Some mail-order houses claim to do nearly $100,000,000 worth of business annually!

This enormous business is entirely built up by catalogues, which are sent out by the million to the consumer. These catalogues quote prices on American Watches at prices lower than the Retail Jeweler can afford to sell them for.

Fancy, if all the Watch Cases sold this way had been sold by the Jewelers of the country—it would have made a nice addition to their present business. Undoubtedly the proper channel for Watch Cases is the Retail Jeweler.

Fahys Gold-filled Cases are not found in these mail-order house catalogues.

JOSEPH FAHYS & CO.



THE other doors *may* lead there, but ours is a straightforward way. By cutting the diamonds, we produce the goods at the least possible cost. We market them in the least expensive way. So we can sell them at lower prices than others. Doesn't this seem reasonable?

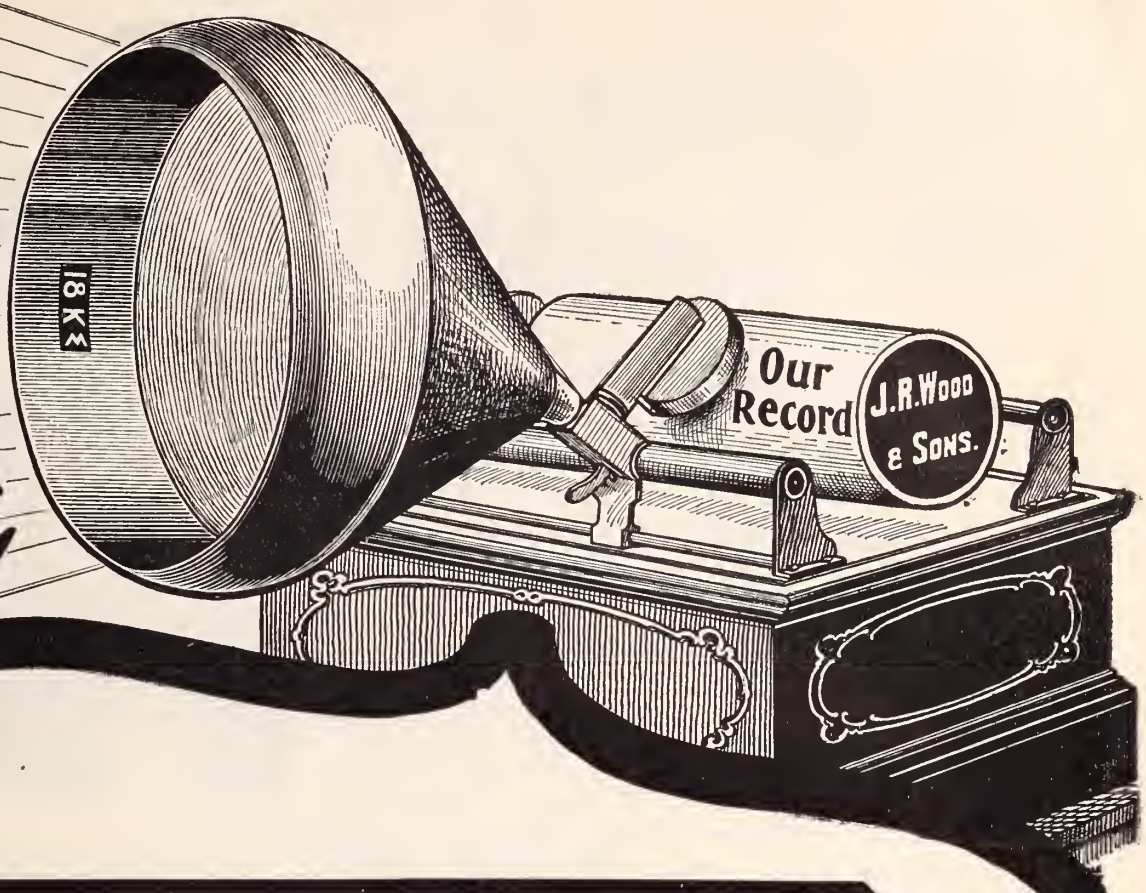
J. R. WOOD & SONS

DIAMOND CUTTERS

Cutting Works
1327-1329 Atlantic Avenue
Brooklyn

2 Maiden Lane, NEW YORK

RINGS THAT RING TRUE



We dislike "blowing our own horn," but we want you to know our "record."

¶ For over fifty years our rings have been the standard for quality and workmanship.

¶ If you sell your customers our rings, you are selling them the best rings obtainable.

J. R. WOOD & SONS

Ring Makers

2 MAIDEN LANE NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

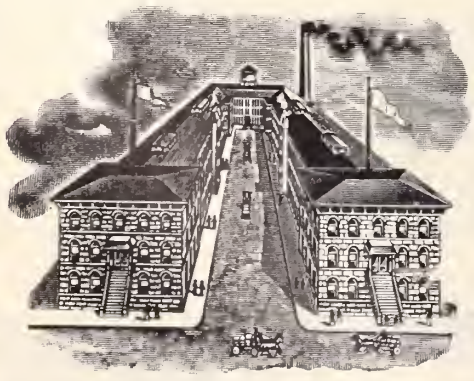
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



S. O. Bigney & Co.

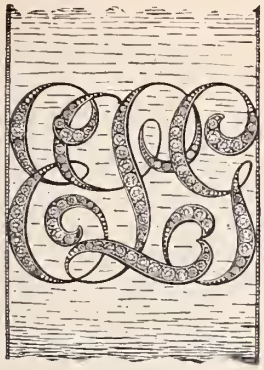
NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.




No. 302.

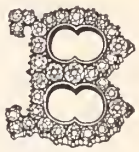

No. 308.


No. 311.


No. 310.


No. 300.


No. 309.


No. 307.

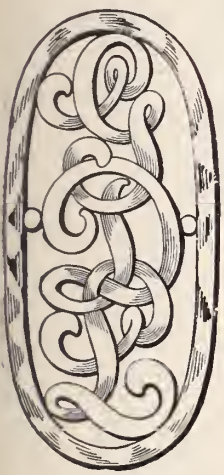

No. 3.


No. 18.


No. 11.

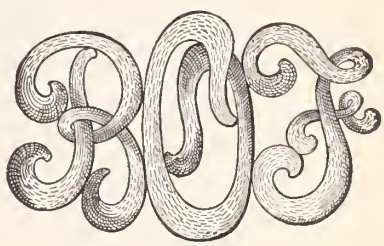

No. 14.


No. 13.

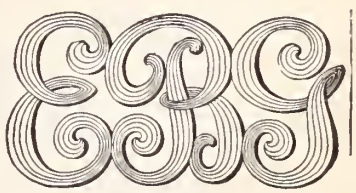

No. 317.
BELT SLIDE.


No. 194.


No. 321.


No. 316.


No. 322.


No. 196.

Wendell & Company

MAKE

GOLD MONOGRAM CHARMS, FOBS, SLIDES, BROOCHES AND RINGS.

SILVER MONOGRAMS for BROOCHES, BELT ORNAMENTS and CLASPS; also for LEATHER BAGS, PORTFOLIOS, MUSIC ROLLS AND ALL KINDS OF EBONY, IVORY AND TORTOISE SHELL GOODS.

ALL ORDERS PROMPTLY EXECUTED.

103 and 105 WILLIAM STREET NEW YORK } 2 FACTORIES: { **57 WASHINGTON STREET CHICAGO**

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

"A QUARTER OF A CENTURY."

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

PRICE BASED ON ACTUAL VALUE.

THESE FOUR POINTS mark the course of the WADSWORTH

"PILOT"
25-YEAR CASE

which sells North, South, East and West, true to the compass of trade demand.

To handle this Case is "easy sailing;" not to handle it is to be left behind.

***The* Wadsworth Watch Case Co.**

49 Maiden Lane, NEW YORK.

CHICAGO: Columbus Building.
SAN FRANCISCO: 717 Market St.

FACTORY, DAYTON, KY.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

NEW DECORATIONS IN ATTRACTIVE MODELS.

The **WADSWORTH**
25-YEAR
"PILOT" CASE.

BEST SATISFIES THE POPULAR DEMAND.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.



No. 79

Hunting and Open Face

17 jewel, adjusted to temperature; patent regulator; Breguet hair-spring; handsomely damaskeened; thoroughly well finished throughout.

The best watch ever manufactured for anywhere near the price. Guaranteed a reliable timepiece.

ILLINOIS WATCH COMPANY

SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

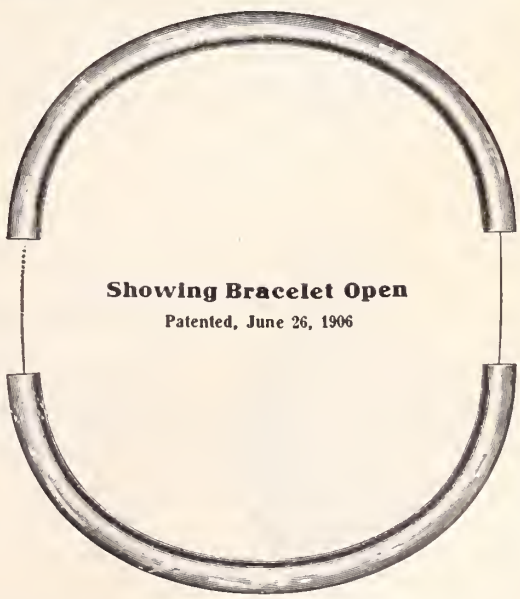
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND



Dueber-Hampden



**The Best, The Smallest,
The Handsomest Ladies' American
Watch**



They hold the most enviable position in the American Watch Trade, of all Ladies' Watches. In quality, finish and timing; size and general beauty, they are in a class by themselves.







Specimen illustration of a few new styles of 14 Karat gold filled 25 year guaran eed cases, used in Dueber-Hampden Ladies' Watches. Send for booklet.





The W. J. Johnston Company

Wholesale Agents for the Leading American Watch Co's.

**Fifth Avenue and Market Street
Pittsburgh, Pa.**



STANDARD

on all Rail Roads in the United States

DEPENDABLE

and worthy of confidence in every emergency

WATCHES

that are thoroughly accurate time keepers

Hamilton Watches
Illinois Watches

The W. J. JOHNSTON COMPANY

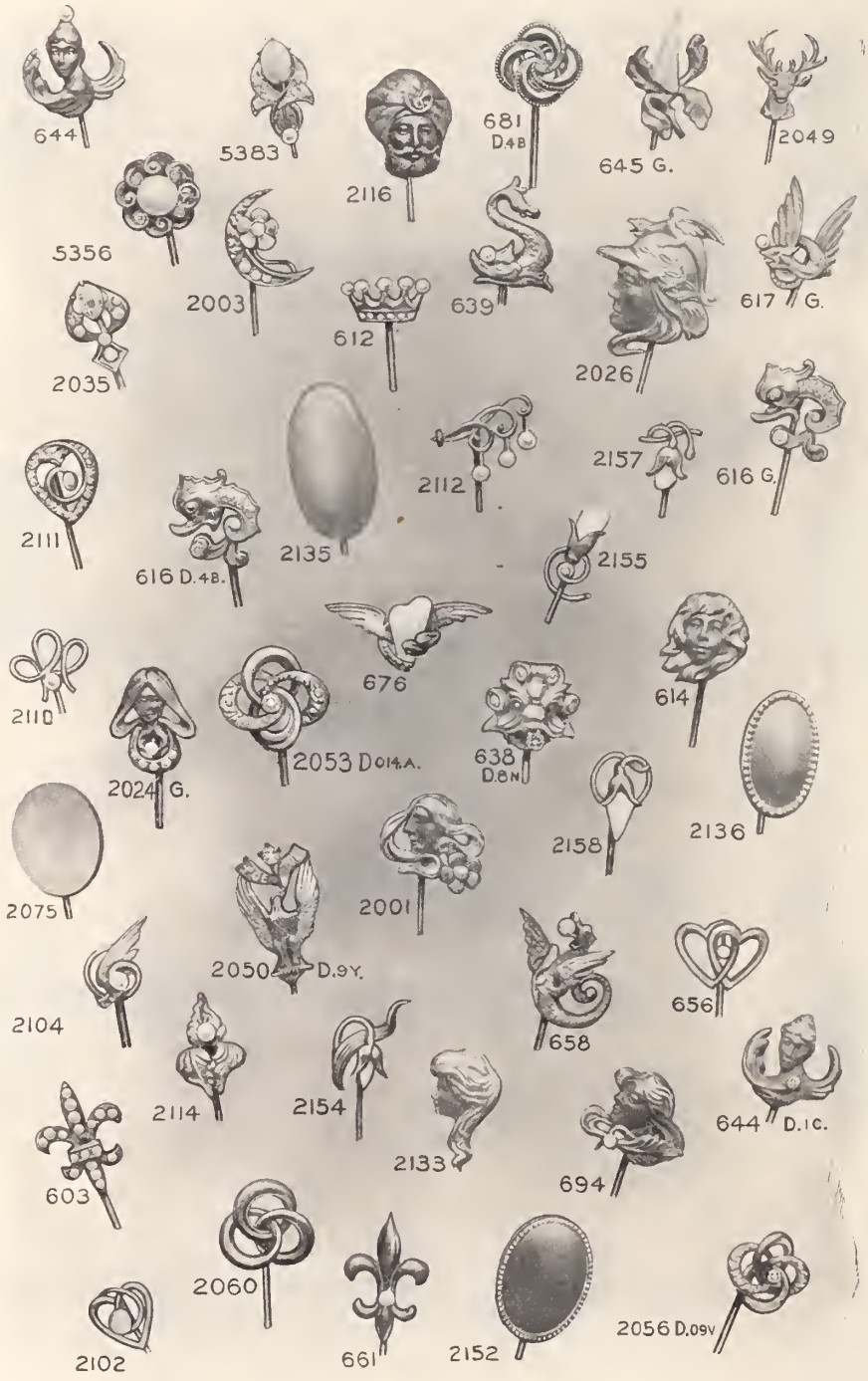
Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

A 10 K. Line that is 10 K.

Fine Gold Jewelry, Rings, Brooches, Cuff Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains Crosses, Lorgnette Chains, etc.



We make the largest, most varied line of CUFF BUTTONS shown to the retail trade, also LOCKETS, SCARF PINS, RINGS, BROOCHES, CROSSES, FOBS, NECK CHAINS, LORGNETTE CHAINS, etc., etc.

We ESPECIALLY invite your inspection of the WORKMANSHIP and design, as compared with those shown by other manufacturers.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.



209. COFFEE CUP AND SAUCER.





321. SHERBET CUP.





210.—CHOCOLATE CUP.



The St. Germain.

THE WHITING COMPANY take pleasure in introducing to the Jewelry Trade, with absolute confidence in its attractive quality, a new and very effective pattern of silver and porcelain sets for the serving of Bouillon, Sherbet, Chocolate, Turkish Coffee and other beverages.

These sets consist of porcelain cups and bowls of graceful form, mounted in silver holders of delicately pierced work, and accompanied by spoons especially designed in harmonious accord with the holders. The linings are of the very finest quality of white and gilt porcelain in two styles, the decoration in the one being confined to a simple band of gold, while the other is ornamented with an elaborate acid-etched and gilt border.

Based upon a very beautiful and uncommon example of old French silver, this new pattern has been named the St. Germain, in allusion to the famous Royalist Faubourg, of old Paris, and will undoubtedly commend itself to all those desiring Silverware of individual distinction.

Whiting Mfg. Co.

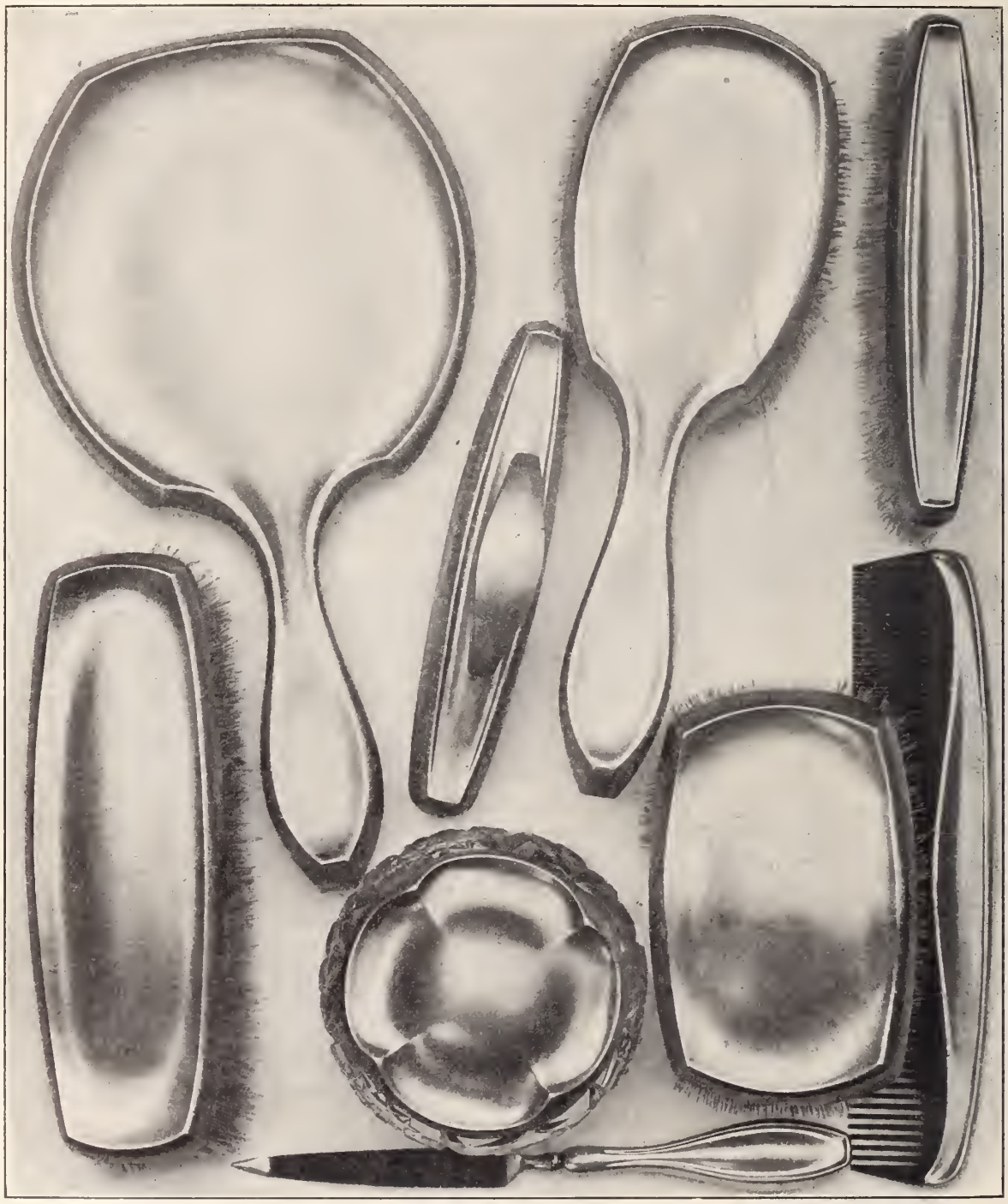
Silversmiths

Broadway and
19th Street
NEW YORK

TRADE  MARK

STERLING.

The Winthrop



¶ The Plain, Graceful Lines of this Pattern Appeal Particularly to the Taste of Those who Enjoy Simple Elegance.

¶ This is one of our three best selling patterns. The "Adrea" will be illustrated later.

The Woodside Sterling Co., 192 Broadway, New York.

We told you there were "more Dishes to come" and here is one, just in season to hold the luscious fruit so faithfully wrought out in the design.



No. C.3037 Dish Embossed, Empire Finish
Diameter 10¾ inches
No. C.3038 Same Design, *Diameter 9 inches*

Made by

Simpson, Hall, Miller & Co.

International Silver Co. Successor.

Wallingford, Conn., U.S.A.

New York, Chicago, San Francisco, Toronto.

SILVERSMITHS *to the* AMERICAN PEOPLE

Strikingly Original Examples of Hand Engraved Sterling Ware in Substantial Weight



One of the three new patterns that we have originated for this season. :: :: The intimate and successful union of the most thorough workmanship, the finest finish and the most individual artistic distinction. :: :: Our plain pattern is meeting with as much success as the above hand engraved design.

A complete price list is ready for mailing, and will be sent upon request.

Card Cases Baskets Shirred Wrist Bags Photo Frames Jewel Cases Sterling Novelties
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

SILVERSMITHS *Established 1861*

Sales Office, 3 Maiden Lane, New York FACTORY, NORTH ATTLEBORO, MASS.



"Pilgrim" Pattern

Dessert Spoon.

Back View of Jelly Spoon.

Table Fork.



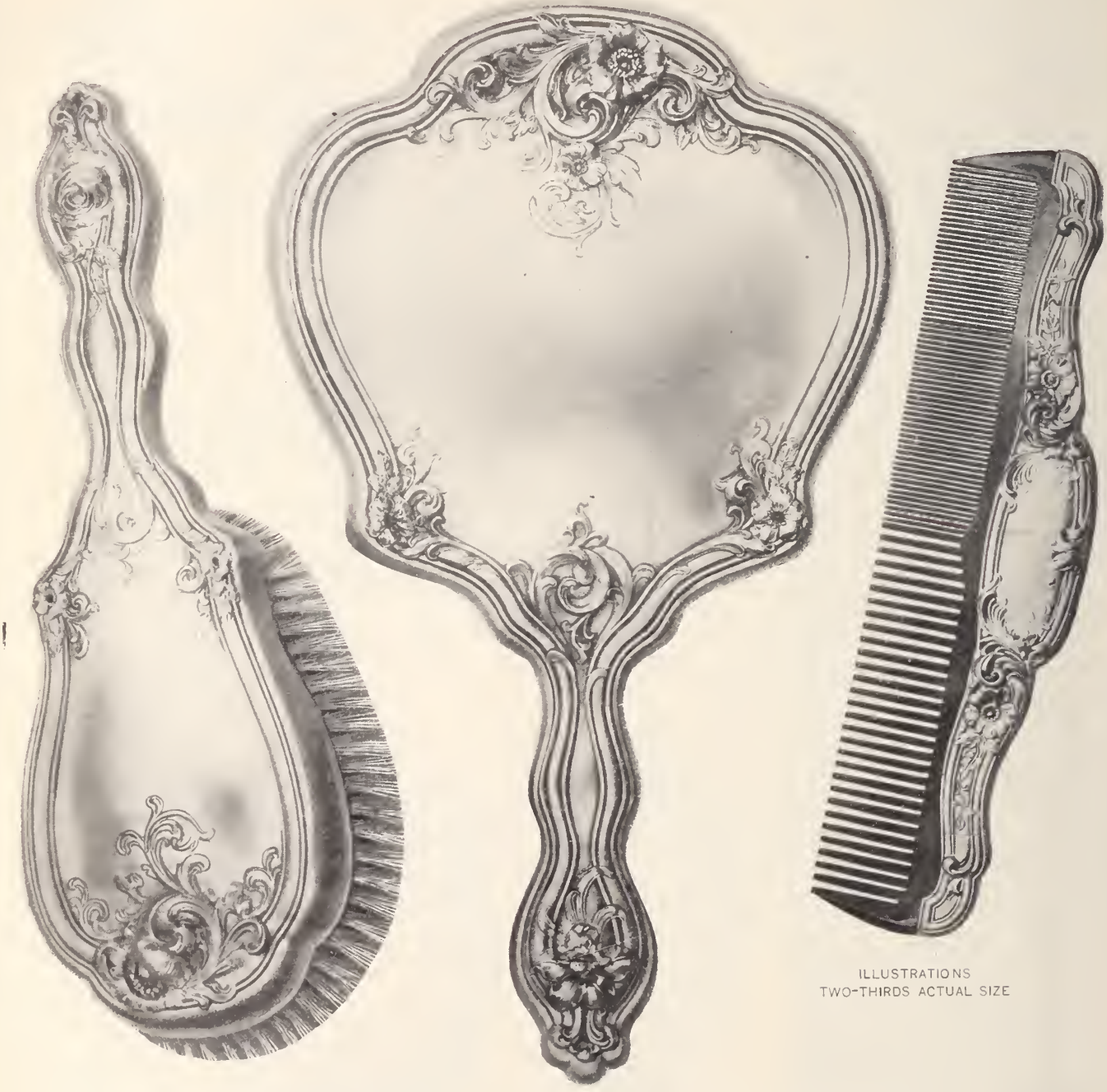
"PILGRIM" Pattern is the most recent Flatware production of this Company, and appeals particularly to those who admire ***dignity, simple elegance*** and ***refinement*** in design, rather than the florid, heavily embellished patterns so prevalent at present.

Made in all fancy pieces.

FRANK W. SMITH CO.

Manufacturers of Sterling Silverware
GARDNER, MASS.

The VIRGINIA



ILLUSTRATIONS
TWO-THIRDS ACTUAL SIZE

Our latest and richest production in Sterling Silver Toilet and Maniurce Goods; made in heavy silver. Brushes fitted with the best English bristles.

READY FOR IMMEDIATE DELIVERY.

FRANK M. WHITING & CO.

SILVERSMITHS

New York Office, 41 Union Square NO. ATTLEBORO, MASS.



THE CLOETA.

Into Larger Quarters

The fact that we have been forced, within the last few months, to move one of our Sterling Silver factories into larger quarters indicates, in some degree, the steadily growing demand for our productions.

The dealer who has not inspected our line of

STERLING SILVER

AND RICH

AMERICAN CUT GLASS

has done himself an injustice. While in New York accept our invitation to make your headquarters with us, whether you buy or not.

FACTORIES:

THE MERIDEN CUT GLASS CO.
THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
MERIDEN BRITANNIA CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.
SIMPSON, HALL, MILLER & CO.
THE WATROUS MFG. CO.

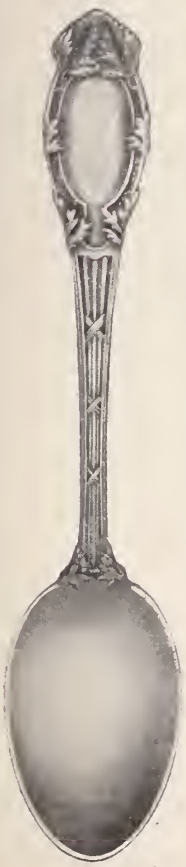
International Silver Company

WAREROOMS:

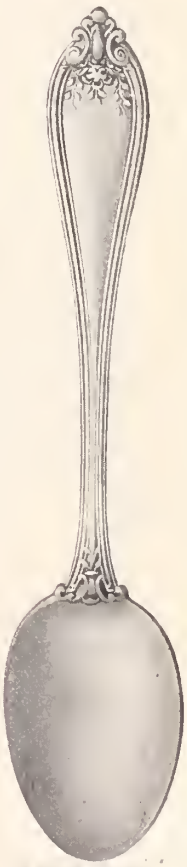
9-11-13-15 Maiden Lane, New York



THE FRONTENAC.

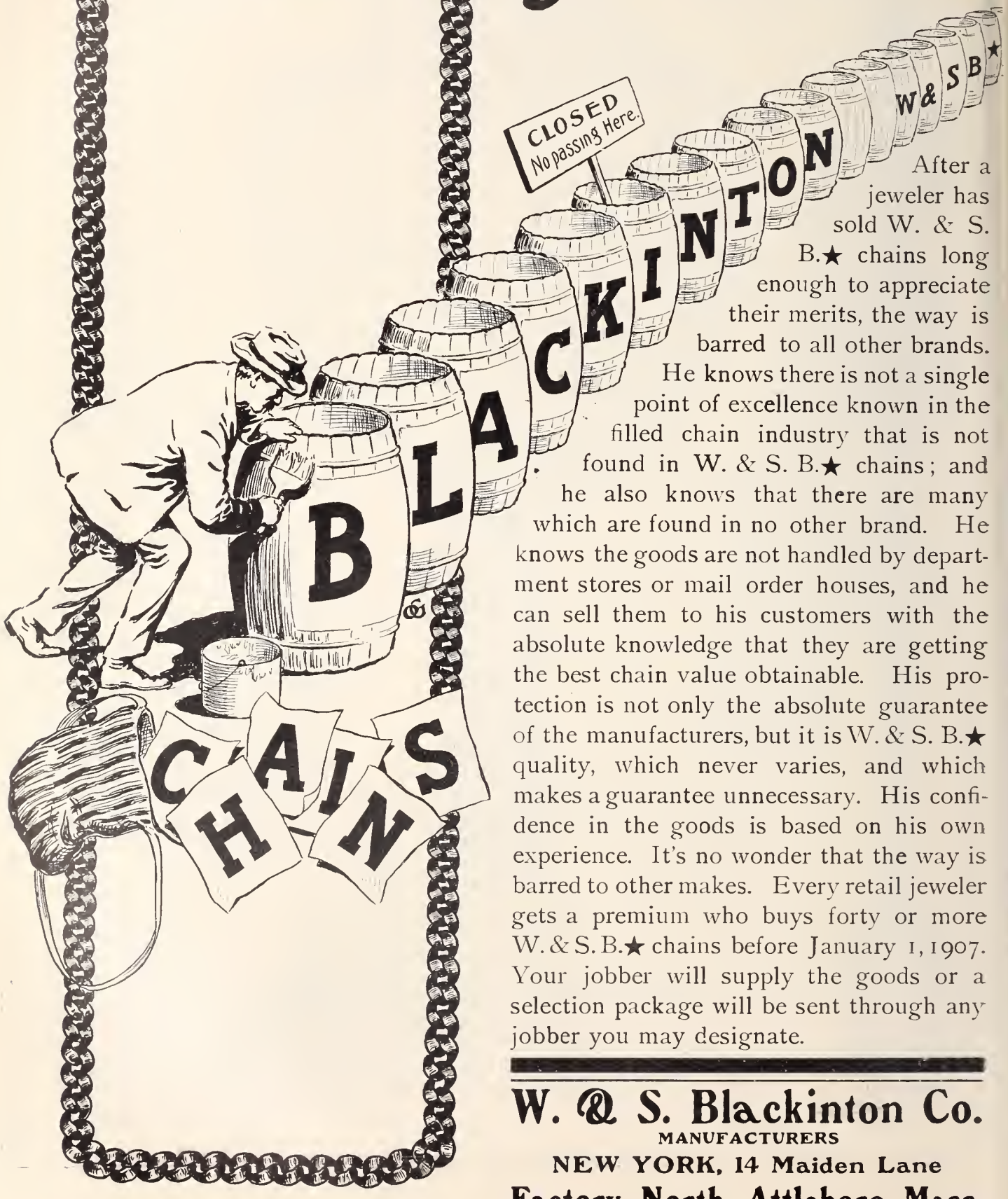


THE ABBOTSFORD.



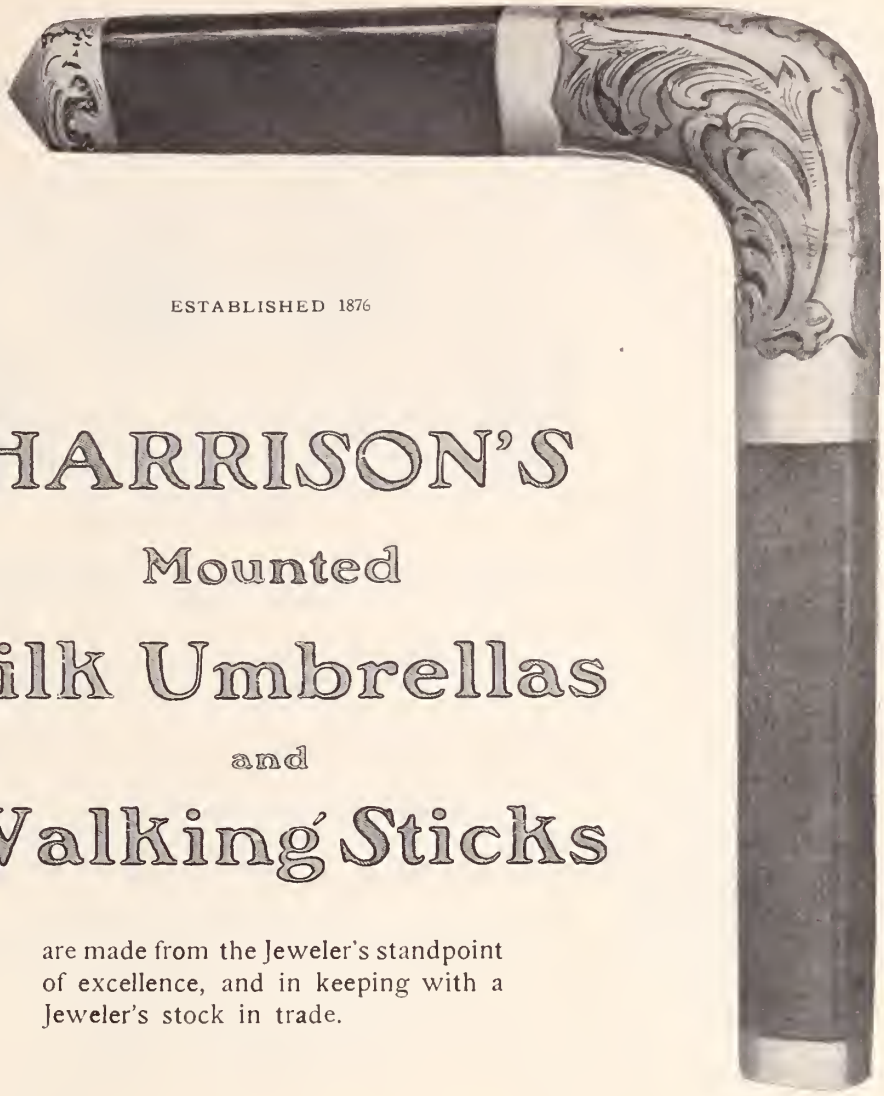
THE FLORENCE.

The way barred



After a jeweler has sold W. & S. B.★ chains long enough to appreciate their merits, the way is barred to all other brands. He knows there is not a single point of excellence known in the filled chain industry that is not found in W. & S. B.★ chains; and he also knows that there are many which are found in no other brand. He knows the goods are not handled by department stores or mail order houses, and he can sell them to his customers with the absolute knowledge that they are getting the best chain value obtainable. His protection is not only the absolute guarantee of the manufacturers, but it is W. & S. B.★ quality, which never varies, and which makes a guarantee unnecessary. His confidence in the goods is based on his own experience. It's no wonder that the way is barred to other makes. Every retail jeweler gets a premium who buys forty or more W. & S. B.★ chains before January 1, 1907. Your jobber will supply the goods or a selection package will be sent through any jobber you may designate.

W. & S. Blackinton Co.
MANUFACTURERS
NEW YORK, 14 Maiden Lane
Factory, North Attleboro, Mass.





ESTABLISHED 1876

HARRISON'S

Mounted

Silk Umbrellas

and

Walking Sticks

are made from the Jeweler's standpoint of excellence, and in keeping with a Jeweler's stock in trade.

Our Gold-Headed Ebony Canes have stood the test for the last quarter of a century.

No Dry Goods or Dry Goods Department Stores Sold.

W. W. HARRISON CO.

Makers of Umbrellas and Walking Sticks

OF THE BETTER SORT.

1149 Broadway, NEW YORK.


1521


1522


1519


1520


1517

We make them, We mount them, We sell them.


1508

¶ Plain Lockets in every size. Fancy Lockets in every style. Our plain goods are by far the best in quality at the lowest prices. Our fancy goods are assuredly rich in design and attractive in appearance. We will gladly quote prices and send a selection on application.

Lockets, Buttons, Brooches, Scarf Pins, Tie Clasps, Heart Charms, Fobs, Knives, Cigar Cutters, Match Boxes, Bracelets


1528


1507

10-K that is 10-K

ILLUSTRATIONS EXACT SIZE


1529

ROBT. LEVY

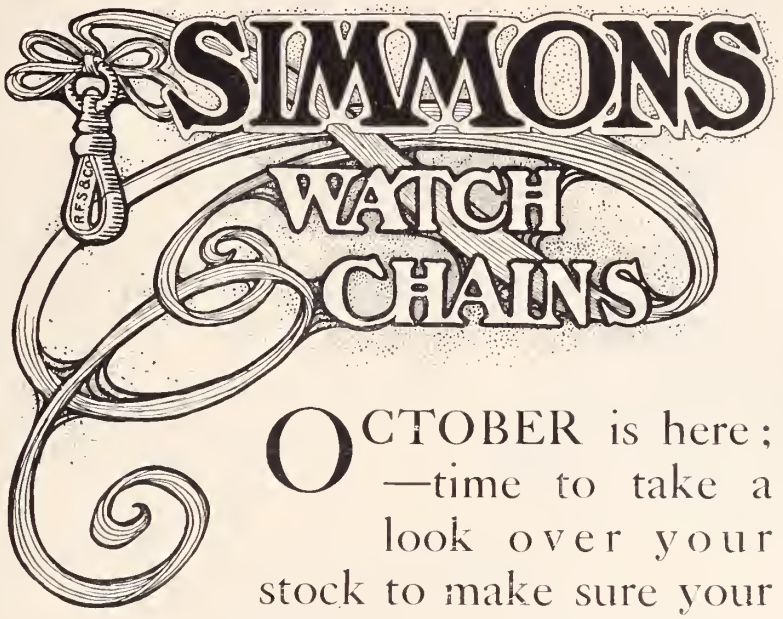
Manufacturing Jeweler

Green and Columbia Sts. NEWARK, N. J.


1542


1534


1524



OCTOBER is here; —time to take a look over your stock to make sure your Fall lines are complete.

Are you as strong on chains and fobs as you should be?

If not, there's yet time to fill in any gaps with some of the especially fine Simmons patterns the jobbers are showing.

No finer collection of attractive sellers has ever been offered in any previous season than is now shown in the Simmons Fall line.



R. F. SIMMONS COMPANY

Main Office and Works, ATTLEBORO, MASS.

Salesrooms: 9-13 Maiden Lane, New York
42 Madison St. (Heyworth Bldg.) Chicago

If It Burns Alcohol We Make It



No. 1807.

HEALTH

Coffee is in itself by no means unhealthful. Its use has the sanction of time, particularly in tropical countries where large quantities are consumed; it acts as a gentle stimulant and has a beneficial effect upon the liver.

Boiling coffee extracts the caffeine and other deleterious substances from the coffee bean; it is a well-known fact that this method of making coffee is injurious to the health.

The STERNAU COFFEE MACHINE distills and does not boil the coffee, hence these evil results are eliminated. Many jewelers find it profitable to sell. Send for our new catalogue, No. 21, containing illustrations of our new designs in coffee machines, etc.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Fancy Teakettles, Alcohol Stoves, Chafing Dishes and their accessories, Smoking Sets, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK



PATENT PENDING.

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

WE CATER FOR SPECIAL ORDERS

CHART FOR THE GRADING OF DIAMONDS

A. Blue white and perfect
B. Blue white and very slightly imperfect, commercially perfect
B1. Blue white and slightly imperfect
BX. Blue white and imperfect

C. Extra white and perfect
D. Extra white and very slightly imperfect, commercially perfect
E. Extra white and slightly imperfect
EX. Extra white and imperfect

1. White and perfect
2. White and very slightly imperfect, commercially perfect
3. White and slightly imperfect
3X. White and imperfect

4. Commercial white and perfect
5. Commercial white and very slightly imperfect, commercially perfect
6. Commercial white and slightly imperfect
6X. Commercial white and imperfect

7. Good color and perfect
8. Good color and very slightly imperfect, commercially perfect
9. Good color and slightly imperfect
9X. Good color and imperfect

Copyright, July, 1904, by S. C. Scott

When you want a very fine diamond
" " " " " large diamond
" " " " diamond of any size or quality
" " " " diamond guaranteed as to quality
" " " any diamonds for your stock

Send to us and others and compare prices and qualities. We carry a very large stock and can fill your orders promptly.

HENRY GINNEL & COMPANY

Cutters of Diamonds

Established 1835. 31 Maiden Lane, NEW YORK

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN CORAL FISHERIES IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN CORAL FISHERIES IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world,** being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

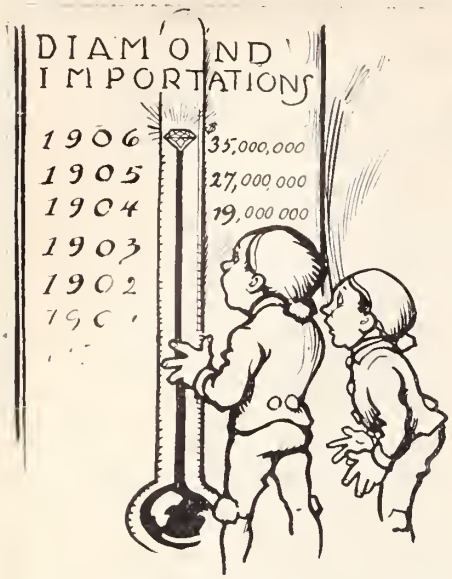
The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

Telephone, 5412 Franklin.

BORRELLI & VITELLI, 401 BROADWAY, NEW YORK.



The continuous increase in the price of Diamonds is a source of surprise to many, but in spite of every raise the importations and sales are constantly increasing: $35,000,000 (the largest on record) in the fiscal year ending June 30, 1906, against $27,000,000 for the year ending June 30, 1905. The demand is more than keeping up with the supply, and stocks are increasing in value while you hold them. Goods bought at present will be worth more within a comparatively short time, and Diamonds purchased now will prove a good investment for the future. Our prices are always the lowest possible. Let us convince you of this on some special order, or for any goods you may require for your regular stock.



Henry Freund & Bro.

Diamonds, Watches and Jewelry **71 Nassau Street, NEW YORK**

ELK and F. O. E. GOODS a Specialty

Our Trade-Mark "The Rose" Stands for Quality and Excellence

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets

















THE GUSTAVE FOX CO.'S EMBLEMS



are individualized by certain important characteristics which have materially added to their selling qualities. Among these are—1st. The quantity of material utilized, our goods being twice the thickness of ordinary goods. 2d. The excellent workmanship, which will bear the minutest inspection, while the beauty and unique conception of designs strongly appeal to the artistic sense. As our reputation is not only based on the quality of goods, but also on our strict reliability, we guarantee in all transactions with us the utmost precision and promptness. As a personal examination will more readily reveal the merits of our goods than would be possible in any other way, we solicit a trial order, which will fully substantiate the truth of our statements. We illustrate a few designs selected at random from our 1906 catalogue. We also recently issued a supplement to this, and if, as yet, you have not received same, we would be more than pleased to send it. If your jobber does not carry our goods, send to us direct.



THE GUSTAVE FOX CO.

Nos. 14-16 East Fourth St., Cincinnati, Ohio, U. S. A.

Stamp our new Trade-Mark on your memory. It is a Guarantee on which you can safely stake your reputation. . . . . .

The "Fine Mark" on Government Gold is not a stronger Guarantee than our Trade-Mark on Emblems. . . . . .

Bracelets of the Present

Modified as to Form

THE DECREES of Paris are always closely followed in the Jewelry of this establishment. The edict has gone forth that the inside circumference of Bracelets shall be larger than heretofore to permit of wearing well up on the arm and over gloves. This and other fashionable features are embodied in the present splendid showings. The effects include impressive Antique Designs, characteristic Egyptian Conceptions and the notable Damaskeened Forms. Attention is invited to those mounted in

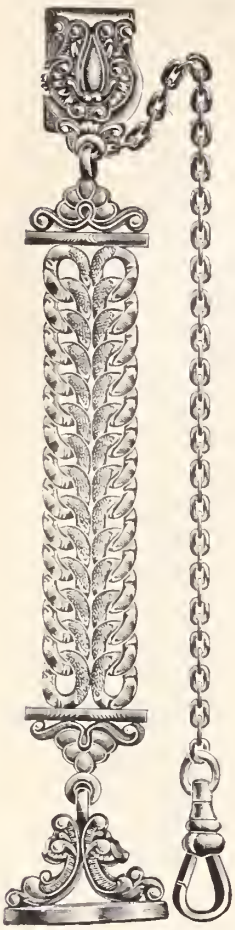
JAPANESE CORAL OF DELICATE TINT
THE NEW PINK TOURMALINE QUARTZ
LIGHT SAPPHIRE AMETHYST

D. Lisner & Co.

Creating Importers of

Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



IN ADDITION to our HIGH GRADE LINE of Fobs, Gents' Vests, Dickens, Lorgnettes, Secret Locket Chains, Lockets, Chatelaines and

BRACELETS

we now put on the market a fine line of

Eye Glass Chains

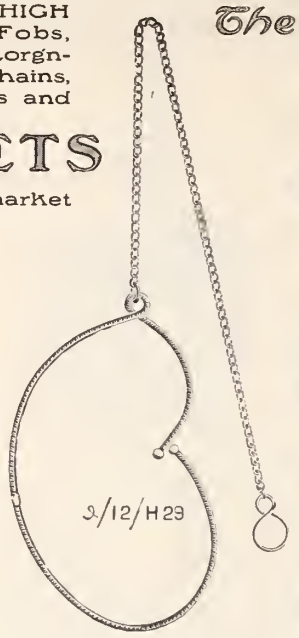
Made from 14 Kt. 1-10 Seamless Wire, Gold Soldered and Warranted.

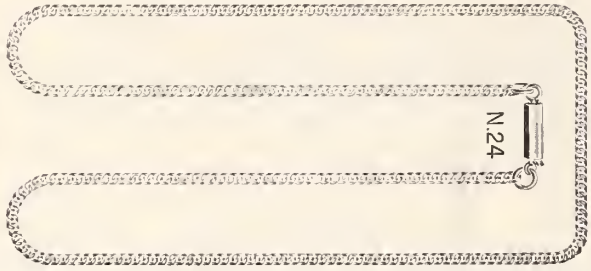
BATES & BACON

ATTLEBORO, MASS.

New York:
9 Maiden Lane

Chicago:
103 State Street

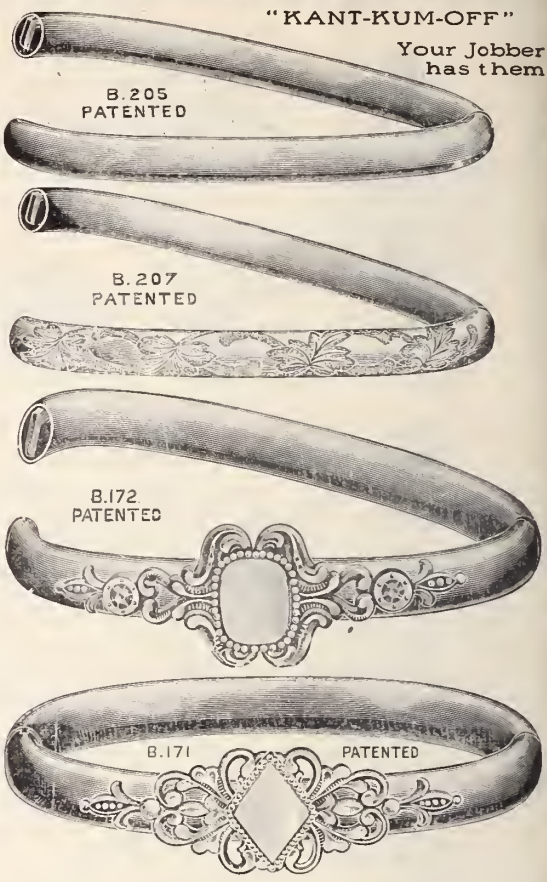




The "BATES" BRACELETS

"KANT-KUM-OFF"

Your Jobber has them



Patented Dec. 26, 1905. Other improvements pending.



FACTORY OF WHITING & DAVIS, THE HOME OF

BAGS AND BRACELETS

OUR LINES OFFER AN UNEXCELLED RANGE TO SELECT FROM

New York Office,
7 Maiden Line.

WHITING & DAVIS,

PLAINVILLE, MASS.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
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PROVIDENCE, R. I.

The Allsopp Rings

THE UP-TO-DATE LINE OF

SIGNET AND SET RINGS





In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING, Newark, N. J.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

Beauty and Sentiment in Lockets

EXPERIENTIA DOCET

OF ALL PIECES of Jewelry the Locket is most intimately fraught with personal associations. Rich, artistic conceptions are united with individuality and a touch of sentiment in the lockets here made. These qualities assure sales.

PRICES: $6.00 to $100.00.

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Durand & Company, 49-51 Franklin Street, Newark, N. J.

A COMPLETE LINE

of some of our handy pins. Made in all colors, sizes and finishes.

A. J. HEDGES & CO.,
Makers of Exclusive Designs in 14K. Jewelry
14 JOHN STREET, NEW YORK

14 K TRADE-MARK

ELKS



Our Copyrighted Elk Head
Best in the World.

B. P. O. E.
In Horns

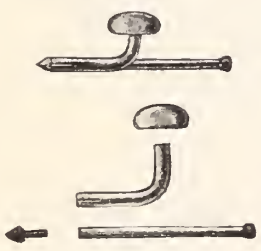
Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD
Brooches, Lockets, Links
Bracelets, Scarfs
And Everything Else in Gold Goods

CHAS. L. TROUT & CO.
15 Maiden Lane, New York City

Established 1871 FACTORY AND OFFICE, NEWARK, N. J. Incorporated 1900



Patented May 21st, 1901

THE "APEX" STUD

The only stud adaptable to any kind of shirt buttonhole or eyelet and having no coiled spring to get out of order.

CARRINGTON & CO.
Sales Agent
14 7 MAIDEN LANE NEW YORK 18



ELK TEETH

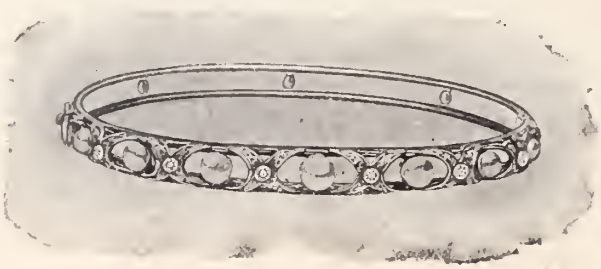
Unmounted, genuine. Bought of Indians, 10 to 300, as needed, sent on selection to responsible Jewelers at strictly wholesale prices; also
EAGLE, MOUNTAIN LION AND LYNX CLAWS.

L. W. STILWELL,
DEADWOOD, - SOUTH DAKOTA.
Wholesaler of Sioux Indian Bead-Work and Curio Supply Jobber.

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DESIGNER,
Etching in Gold and Silver,
Telephone, 3960 Chelsea.
No. 70 5th Avenue, NEW YORK

ALLSOPP & ALLSOPP'S "ORIGINAL LINE"
OF
BRACELETS AND BANGLES

Mounted in Combinations of
DIAMOND AND PEARL
DIAMOND AND SAPPHIRE
DIAMOND AND EMERALDS
DIAMOND AND BAROQUES



AMETHYSTS
TOPAZES
PERIDOTS
AQUAMARINES
ETC.

Factory and Main Office:
NEWARK, N. J.

A & D TRADE-MARK.

Branch Office:
Los Angeles, Cal.



The R. S. Cigar Cutter

In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters ; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

23 B Maiden Lane, New York



ESTABLISHED 1841

Carter, Howe & Co.

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Gold Jewelry,

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FACTORY, NEWARK, N. J.

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LUTHY & HINE,

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Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City

Unique Silver Deposit WHISKEY JUG



7 Inches High.

Just one piece from one of the best selling and most attractive lines in town.

Depasse Mfg. Co.,

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The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

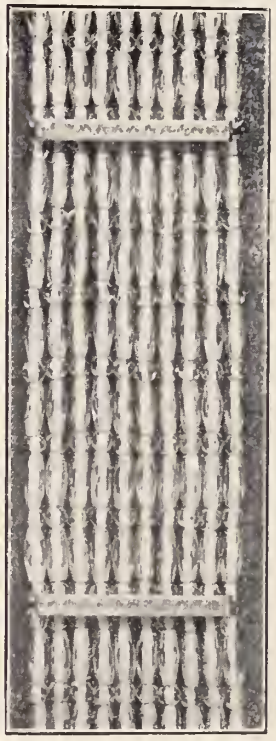
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41 Union Square, New York.

Repair Work a Specialty.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.



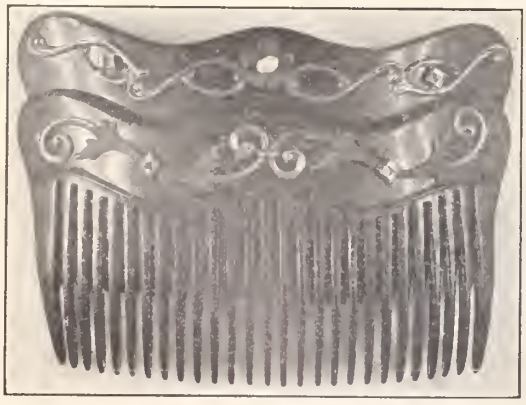
LA MATCHICHE Dog Collars and Chains

Are our Latest Novelty—Can be had in Various Colors

SEND FOR SELECTION

LEWY & COHEN, - - 530 Broadway, New York

Importers of Fans, Chains, Necklaces, Brooches, Combs, etc.



COMBS

in Fall creations. Characteristic of superiority and originality in design and workmanship.

Our Fall lines in gold and high quality gold filled combs are noteworthy for their rapid selling qualities.

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IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,

82-84 Nassau St., New York.

Established 1876. 'Phone, 801 John.

Diamonds Set Without Cost

means a lot of money saved during the year.

This you can do very easily if you put the above assertion to the test. Bring me a platinum mounting with the requisite number of diamonds, and after I have set the article you will admit that through my skilful and artistic setting the diamonds have gained in brilliancy and quality, and that as a result your mounting has improved greatly and has enhanced three times the value you paid for the setting. At the same time your customers are satisfied with all the orders you turn out. You can also compete with all those who are slow to grasp the importance of these facts.

A trial will convince you of the above. I can refer you to the most reliable houses in the jewelry trade, who will testify to my reliability and to the skilful manner in which I execute my settings on fine.

Platinum Mountings, Watch Cases, Lockets,

Roman colored goods and Gypsy rings.

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65 Nassau Street NEW YORK

Established 1883 Telephone 2547 Cortlandt

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Boston's Foremost Manufacturing and Importing House.



Manufacturer of Mountings and Diamond Jewelry, Ranging in Price from $1 to $1,000

All Orders for Diamonds as well as Mountings, Promptly and Satisfactorily Executed

A. S. Hirshberg,

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Cable Addresses: { Ashir, Boston. / Hochschiller, Antwerp.

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DIAMOND SETTER,

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ENGRAVER,

9-13 MAIDEN LANE,

Room 701 Jewelers' Bldg. NEW YORK.

ARTISTIC BRACELET CREATIONS.

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

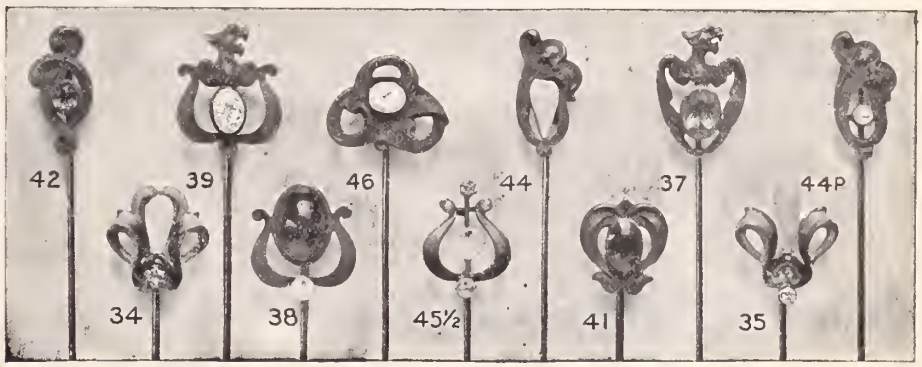
BEAUTY'S VALUE is wrought into these Bracelets; the element of beauty is an appreciable asset in all jewelry.

Our Bracelet creations possess a certain tone of distinction which you will recognize at a glance. New in conception and artistic treatment. Compelling in their impressiveness.

Special attention is invited to our Fancy Applied Trim. Distinctive to a marked degree.

Bracelets set with Diamonds, Sapphires, Peridots, Jade, etc.

Fine examples in Vermicilli and Colonial Engraved effects.



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COOPER & FORMAN,

MAKERS OF DIAMOND JEWELRY,

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"THE BRACELET HOUSE."

KENT & WOODLAND,

BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office, Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.

DIAMONDS

The Most Complete Stock of Precious and Semi-precious Gems at Prices that Challenge Competition!

Being direct importers of gems, and having established branches in all of the larger European centers, we are in a position to serve you more accurately, promptly, and at a better price than brokers. Our recent shipments from abroad contain numbers of **blue, white, brown, canary and pink diamonds, in marquise, pear and other odd and beautiful shapes.**

Send for our price list, or Selection Package and be convinced that we carry only the best at reasonable cost.

Shipments arriving weekly from our own cutting shops abroad.

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ABEL BUILDING
64-66 JOHN STREET, NEW YORK

Cutters and Importers of Diamonds, Rubies, Emeralds, Sapphires Pearls and all Fancy Gems.

TRADE-MARK. BRANCHES IN AMSTERDAM, ANTWERP, PARIS, LONDON, IDAR, OBERSTEIN.



SOLID GOLD CHAINS EXCLUSIVELY

The best workmanship, plump quality, most attractive designs and very lowest prices are characteristic of our

SOLID GOLD CHAINS

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For 56 years exacting Jewelers have found our Chains ready sellers, very profitable to handle and most durable in service.

We have no salesmen, and our prices are therefore very low. We will be pleased to send you a selection package.

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ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

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HB RINGS ·BUFFALO· ·N.Y.



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·We Make the Largest Line of Solid Gold Set Rings in America for the Retail Trade·

Stone Seal Rings
Signet Rings

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DATTELBAUM & FRIEDMAN,

Makers of Gold Rings of All Descriptions.

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Our Trade-Mark "D.F." in all our Rings is the guarantee of quality.

Send for Catalogue.

DESIGNS

For Silverware, Novelties and Jewelry

FINE ETCHING

Do not fail to have some Etching in your line. We'll do the Etching for you in first-class style.

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CROUCH & FITZGERALD



Jewelry Trunks and Cases

177 Broadway, Bet. Cortlandt and Dey Sts.

688 Broadway,
723 6th Ave.,
New York.

The Salable MOUNTING

THE BRILLIANT SETTING

Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18K., 14K., all sizes.

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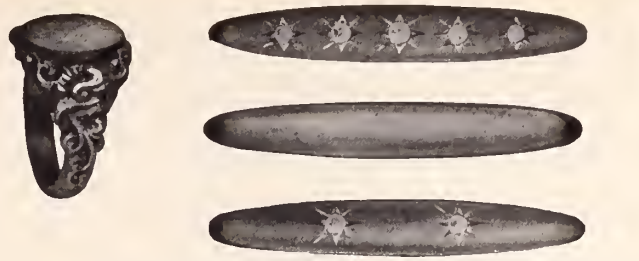
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PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.

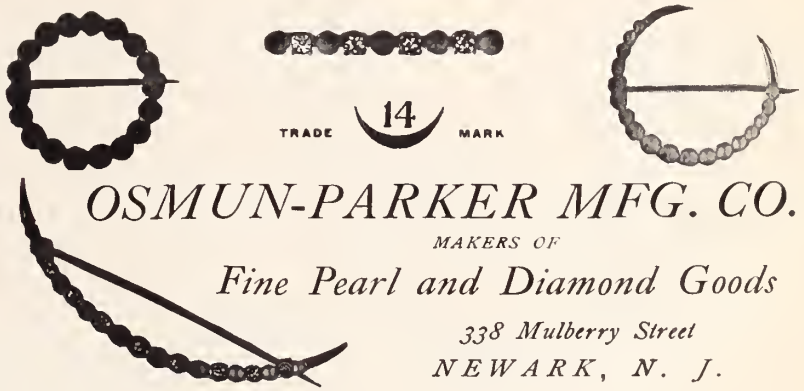


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CHICAGO, 42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.



OSMUN-PARKER MFG. CO.

MAKERS OF

Fine Pearl and Diamond Goods

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MANUFACTURERS OF

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9 & 11 Franklin Street - Newark, N. J.

Opposite New City Hall

Koshland & Italie Co.

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"BROOKLYN BRISTOL"

DO YOU KNOW that you can buy this 14-K., 25-year, hand-engraved, filled case, with solid gold bow for the same figure you are paying for a 10-K. 20-year case?

Send for Samples.

Diamonds, Watches and Jewelry

STERLING BAG

No. 1621 R. Hand Made

Saw Pierced Mounting

Size 5½x4 Inches

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A unique, handy device for carrying transit tickets. Fits the smallest pocket. The spring inside pushes up the ticket. The thumb pushes it out. A rapid seller for the jewelry trade. Write for further information.

Made only in Silver.

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Maker of Gold and Silver Novelties,

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OUR GOODS

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which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely standard in quality.

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FACTORY, - - - Newark, N. J.



AT LAST!

KEY RING PROBLEM SOLVED!

THE ring illustrated herewith does the trick. You can put on and take off one dozen keys in less time than you could take one off any other make. We can also supply patent key rings in 10 and 14K. gold.

See our fall line before you place your order for Sterling Silver, Picture Frames, Card Cases, the new style Pocket Book, Toilet Ware, Manicure Articles, Buckles, Jewel Cases, Child's Cups and other hollow ware.

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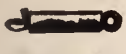
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473-475 Washington Street, Newark, N. J.

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Diamond Setter

49 Maiden Lane - NEW YORK

Telephone, 5039 John

Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references


1. 1. Snap complete.
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The E. P. H. Patent
NON-PULL-OUT Neck Chain Snap

is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

Can be had of the following Wholesale Selling Agents:

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E. A. Cowan & Co., Boston
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PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz. net



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obtained on inventions and designs. Trade-marks, prints and labels registered.

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ATTORNEY AT LAW,
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Signet Rings
Bracelets
Combs, Etc.

ALL THE FADS OF THE SEASON
RIGHT GOODS AT RIGHT PRICES

Memo. Orders Solicited

L. Witsenhausen

47-49 Maiden Lane, N. Y.

Chicago, 405 Masonic Temple.
(L. KATLINSKY.)



ENGLISH ENGRAVED FLASK

¶ Our assortment of flasks, including those in solid deposit, also leather flasks with cup, together with a large assortment of colognes and atomizers, have this same English engraved effect, and are excellent sellers.

¶ Our distinct line of unsurpassed designs in deposit ware, artistically developed, with the engraving handsomely carried out, commands the attention of the judicious buyer.

¶ A few of our specialties are Colognes, Atomizers, Vases, Decanters, sterling silver Photo. frames, Buckles, etc.

SCHARLING & CO.
Manufacturing Silversmiths
755 Summer Ave., Newark, N. J.



PORCELAIN TEA POT

Decorated with
SILVER DEPOSIT.

Sugar and Cream Bowl complete this attractive set.

Colors: White and Gold, Blue, Olive Green and Pink.

Write for prices and illustrations of our exceptional line.

LACKNER & OHL, Manufacturing Silversmiths, 50-55 Columbia Street, NEWARK, N. J.

MEN'S LADIES' All Sorts of **LOCKETS** UNMOUNTED MOUNTED WITH DIAMONDS OR ROSES. PENDANTS LINK BUTTONS RIBBON FOBS



ROTHSCHILD BROS. & CO.

51-53 MAIDEN LANE - - - NEW YORK

ART and SENTIMENT or

SIGNET PHOTO-LOCKET RINGS

as Manufactured by

CHAS. M. LEVY

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No. 1752.



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RINGS and LOCKETS

Showing an Exclusive Line in

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Seen on a package carried by somebody else.



If Your Name

is on that tape, Mr. Tradesman, your business is being **CONTINUOUSLY ADVERTISED** in ferries, street cars, elevated and suburban trains.

The twine you use **COSTS MONEY** and **BRINGS NO RETURNS.**

REIS' ADVERTISING TAPE

costs very little money and **PAYS FOR ITSELF MANY TIMES OVER.**

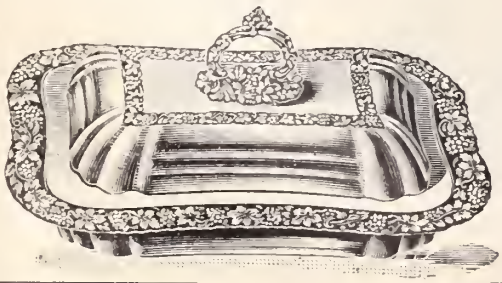
Handsome Spool-Holder **FREE** with first order.

Write for samples and prices.

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Sam'l Buckley & Co. English Fancy Goods



We can show you a fine line of

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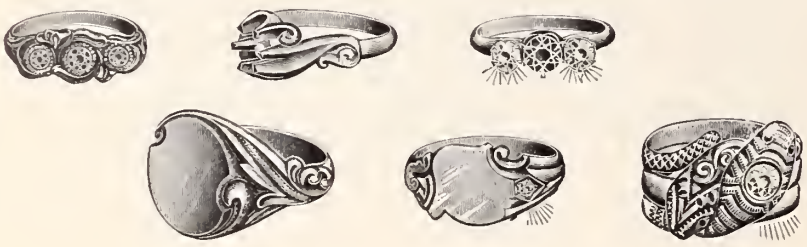
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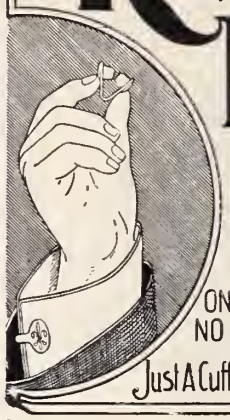
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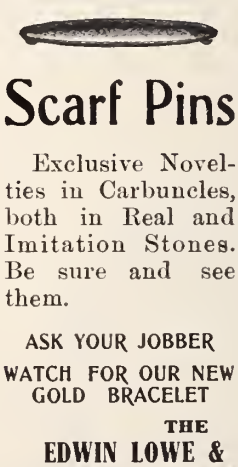
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Insist upon seeing the designs of Gold Jewelry made by the

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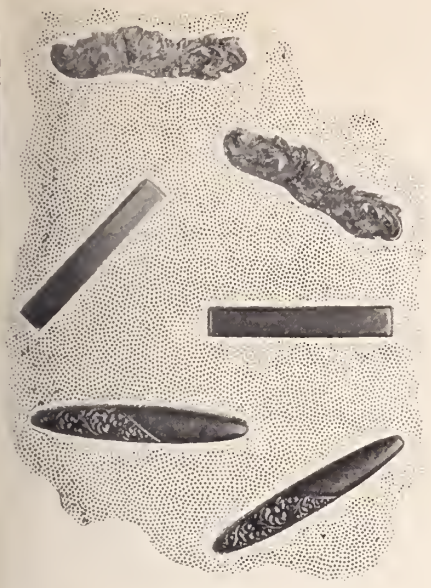
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You may know them as Handy Pins, Cuff Pins, etc. But what is most important is the fact that we are showing the winning line of the season.

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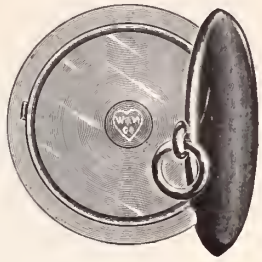
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We have a splendid variety in real and imitation stones, popular selling sizes and colors, nicely mounted in gold and rolled gold-plate.

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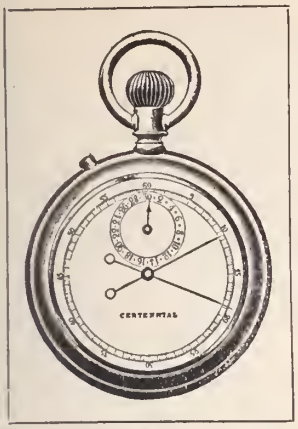
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Timer is ⅛ Larger than cut

"Watch us" always for anything you wish in the "Watch" line.

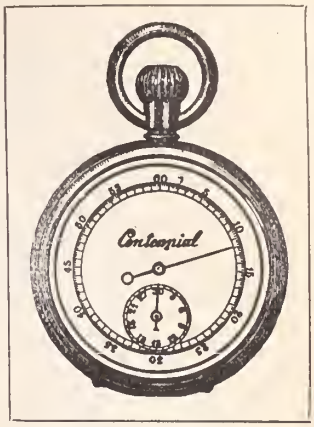
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If one will pause for a moment to consider **Quality, Price and Design,** the conclusion is always the same, **we have the Premier Line.** This applies to Barrettes, and the A.O.T.G. Lines of

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When your Jobber shows Gold Watch Cases, just ask for *one* **Solidarity** for comparison.

Would we court comparison on a product that couldn't "make good"?

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Has your HOLIDAY STOCK of Sterling Silver Toilet and Manicure Goods and Sets been ordered?

If not, attend to it at once and insist upon getting goods with the F&B Trade-Mark. They have the QUALITY, BEAUTY and FINISH to attract the best trade and you will find them profitable goods to handle. They sell quickly.

Have you received our new Catalogue, H?

The accompanying illustrations are taken from it and they show a selection from our Gypsy pattern.

ORDER NOW and do not forget to add a few Armlet Bracelets, Lockets, Chains, Crosses, Pendants, Fobs, Neck Chains, Collarettes, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrettes, Buckles, Waist Sets and Hair Chain Mountings.

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Recent Customs Decisions by General Appraisers on Jewelry, Gems and Kindred Lines.

PINS.—Protest of Chicago Mercantile Co. against the assessment of duty by the Collector at Chicago. The importers contended that certain glass-headed bonnet pins were dutiable under Par. 188, Tariff Act of 1897. This paragraph being limited to pins composed wholly of metal, the protest was overruled.

HAT PINS—JEWELRY.—Protest of Gage Bros. & Co. against the assessment of duty by the Collector at Chicago. The merchandise was classified as jewelry under Par. 434, Tariff Act of 1897, and was claimed dutiable at manufactures of the component material of chief value. It consisted of hat pins, some having elaborate metal heads, and some having porcelain or glass heads, decorated. Protest overruled. Note G. A. 6376 (T. D. 27390).

ORNAMENTS — PINS — BELTS—CHAINS—MANUFACTURES OF METAL—BEADS—JEWELRY.—Protests of American Express Co., protests of Geo. Borgfeldt & Co., protests of Haughton & Lee, protests of L. Metzger & Co., protests of Ferd Straus, and protests of Worthington Smith & Co. against the assessment of duty by the Collector at New York. These decisions related to a large variety of articles consisting of ornaments, pins, chains, purses, beads, bags, brass snaps, toy jewelry, etc. The Board sustained the importers' contentions to the extent authorized by the cases cited. G. A. 6130 (T. D. 26653), G. A. 6139 (T. D. 26679), G. A. 6330 (T. D. 27255), G. A. 6374 (T. D. 27382), G. A. 6376 (T. D. 27390), Abstract 5635 (T. D. 26248), Strauss *v.* United States (T. D. 26903), Steinhardt *v.* United States (113 Fed. Rep., 996), and Tiffany *v.* United States (131 Fed. Rep., 398; T. D. 25316).

ORNAMENTS.—Protests of Marshall Field & Co. against the assessment of duty by the Collector at Chicago. Same as protests of American Express Co., and others, *supra*.

BEAD NECKLACES.—Protests of Strauss, Sachs & Co., *et al.* against the assessment of duty by the Collector at New York. The importers contended that bead necklaces were dutiable under Par. 112, Tariff Act of 1897, as manufacture of paste. Protests overruled.

ORNAMENTS — PINS — STRUNG BEADS—MANUFACTURES OF METAL—JEWELRY.—Protests of Simpson, Crawford & Simpson *et al.* against the assessment of duty by the Collector at New York. A portion of the article in dispute, consisting (1) of ornaments of metal and paste, (2) of chains for muffs and fans, (3) of pins, (4) of beads temporarily strung, (5) of chatelaine purses, were held dutiable as manufactures of their component materials of chief value, as claimed by the importers. Certain hat pins, some having ornamented heads, some set with imitation precious stones, and some having metal mountings, scroll work, or other ornamental designs, were held to have been classified as jewelry under Par. 434, Tariff Act of 1897.

MANUFACTURES OF PASTE.—Protest of Edson, Keith & Co. against the assessment of duty by the Collector at Chicago. The importers' contention was sustained as to a portion of the merchandise, which was held dutiable as manufactures of paste under Par. 112, Tariff Act of 1897.

FOB CHAINS—JEWELRY.—Protest of Albert Lorsch & Co. against the assessment of duty by the Collector at New York. Certain fob chains were held to have been properly classified as jewelry under Par. 434, Tariff Act of 1897.

IMITATION PRECIOUS STONES.—Protest of Albert Lorsch & Co. against the assessment of duty by the Collector at New York. The merchandise was held dutiable as imitation precious stones under Par. 435, Tariff Act of 1897, as claimed by the importers.

RECONSTRUCTED RUBIES.—Protests of Albert Lorsch & Co. *et al.* against the assessment of duty by the Collector at New York. Protests sustained on the authority of G. A. 6336 (T. D. 27278).

RECONSTRUCTED RUBIES.—Protest of Lebolt & Co. Protest sustained.

IMITATION PEARLS—ORNAMENT.—Protest of Deitsch Bros. against the assessment of duty by the Collector at New York. Protest sustained on the authority of G. A. (T. D. 26554) and G. A. 6374 (T. D. 27382), relating to imitation pearls, ornaments, etc.

SPANGLED ARTICLES.—Protests of Libbey & Ryker against the assessment of duty by the Collector at New York. The merchandise was held to have been properly classified under Par. 408, Tariff Act of 1897, relating to spangled articles.

BRASS SNAPS.—Protest of Morris Goldberg against the assessment of duty by the Collector of Customs at New York. Brass snaps costing about 7 cents per gross and not washed or plated in imitation of precious metals were held not to be jewelry, but to be dutiable as manufactures of metal under Par. 193, Tariff Act of 1897, as claimed by the importer.

NICKEL WATCH CHAINS—JEWELRY.—Protest of Wiener Bros. against the assessment of duty by the Collector at New York. The Board held boys' nickel watch chains to have been properly classified as jewelry under Par. 434, Tariff Act of 1897.

Decisions have been announced in the last week by the Board of United States General Appraisers, New York, in cases involving duties on jewelry and kindred lines as follows:

IMITATION PRECIOUS STONES IN METAL SETTINGS.—Protest of Samstag & Hilder Bros. against the assessment of duty by the Collector of Customs at New York. Protest sustained on the authority of Abstract 5607 (T. D. 26248) relating to imitation precious stones in metal settings.

CHATELAINE BAGS.—Protest of Charles H. Wyman & Co. against the assessment of duty by the Surveyor of Customs at St. Louis. A portion of the merchandise, consisting of chatelaine bags, was held dutiable as manufactures of metal under Par. 193, Tariff Act of 1897, on the authority of Tiffany *vs.* United States (131 Fed. Rep., 398; T. D. 25316).

Cases involving duties on terra cotta figures and statuary bases were decided last week as follows by the Board of United States General Appraisers, New York:

TERRA-COTTA FIGURES.—Protest of John Wanamaker against the assessment of duty by the Collector of Customs at Philadelphia. Protest overruled on the authority of Abstract 2067 (T. D. 25435), relating to terra-cotta figures.

BASES FOR STATUARY.—Protests of John Wanamaker against the assessment of duty by the Collector of Customs at Philadelphia. Protests sustained on the authority of Abstract 9303 (T. D. 26902), relating to bases for statuary.

RECONSTRUCTED RUBIES.—Protests of Albert Lorsch & Co., *et al.*, against the assessment of duty by the Collector at New York. Protests sustained on the authority of G. A. 6336 (T. D. 27278), relating to reconstructed rubies.

PINS—NECKLACES.—Protest of George Borgfeldt & Co. against the assessment of duty by the Collector at Baltimore. The merchandise, consisting of hat pins and of beaded necklaces, was claimed dutiable as manufactures of the component material of chief value. Protest sustained as to the pins on the authority of G. A. 6139 (T. D. 26679).

Jewelry, Clocks, Watches, Silverware and Kindred Lines Exported from New York.

WASHINGTON, D. C., Sept. 26.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Acajutla: 19 cases clocks, $433.

Bombay: 25 cases clocks, $426.

Bremen: 4 packages plated ware, $340; 1 case jewelry, $235.

Buenos Ayres: 1 case watches, $252; 59 cases clocks, $1,404; 2 packages plated ware, $493; 9 packages plated ware, $1,572.

Calcutta: 31 cases clocks, $865; 7 packages plated ware, $586; 2 cases clocks, $147.

Cape Town: 25 cases clocks, $297; 2 packages plated ware, $204; 2 packages silverware, $200.

Christiania: 7 cases clocks, $290.

Colon: 2 cases jewelry, $172.

Dusseldorf: 1 case watches, $320.

Frankfort: 1 package plated ware, $200.

Gibara: 2 packages stereoscopic goods, $135.

Hamburg: 1 package plated ware, $355; 2 packages optical goods, $613; 1 case jewelry, $123; 1 case watches, $1,900; 3 cases jewelry, $203; 1 package optical goods, $200.

Hamilton: 5 packages plated ware, $506.

Havana: 1 package plated ware, $270; 1 package silverware, $107; 6 cases clocks, $147; 60 cases clocks, $486; 2 cases jewelry, $405; 1 case jewelry, $115; 1 package optical goods, $201.

Havre: 1 package plated ware, $1,500; 1 package optical goods, $200; 1 case watches, $786.

Lisbon: 25 cases clocks, $250.

Liverpool: 2 packages plated ware, $979; 1 package jewelers' ashes, $526; 1 case jewelry, $800; 61 cases clocks, $504; 60 cases clocks, $1,098; 2 cases jewelry, $505; 9 cases clocks, $497; 1 case jewelry, $201.

London: 3 packages plated ware, $404; 47 cases watches, $7,221; 3 packages scopes and views, $484; 2 cases jewelry, $146; 7 packages optical goods, $779; 45 cases clocks, $2,508; 4 packages plated ware, $205; 9 packages optical goods, $1,657; 2 packages scopes and views, $335; 3 cases jewelry, $250; 4 cases clocks, $241; 53 cases watches, $9,274.

Madras: 16 cases clocks, $345.

Manchester: 41 cases clocks, $631.

Matanzas: 11 cases clocks, $122.

Melbourne: 70 cases clocks, $1,164; 2 cases jewelry, $235; 14 packages plated ware, $771.

Nice: 1 package silverware, $500.

Savanilla: 1 case jewelry, $271.

Valetta: 10 cases clocks, $181.

Valparaiso: 1 package silverware, $159; 4 packages plated ware, $289; 1 case watches, $135; 28 cases clocks, $559.

Vera Cruz: 39 cases clocks, $430.

F. M. Tharnish, Audubon, Ia., has moved his stock to a new location.

GUESS we overdid it a bit this Fall in the number of "good things" we got out in new patterns, for our production doesn't keep pace with our orders. Will soon be caught up, however, and want to urge on our friends the necessity of buying their stock early.

When our travelers call, don't say you'll "wait until next trip." The good things will be gone then and many of them we shall be unable to replace.

There is a new line of gentlemen's stone set rings with special shape stones that we cannot duplicate this year. Be sure you get a liberal supply and get it NOW.

Larter & Sons

Ring Makers

21-23
Maiden Lane
New York

Magnificent Silver Loving Cup Recently Presented to Matthew John Whittall.

IN days gone by the masterpieces of the silversmith's craft owed their existence in most cases to the direct patronage of the feudal lords or else to that of the princes of the church. Nowadays, however, it is the captains of industry who, directly or indirectly, are responsible for many of the most significant examples of modern silversmithing. This aspect of latter-day craftsmanship is strikingly exemplified in the history of the very magnificent silver loving cup and cover, designed and made by the Whiting Mfg. Co., New York, which is illustrated on the front page of this issue.

Some months ago the employes of M. J. Whittall, a leading citizen of Worcester, Mass., and the largest individual manufacturer of carpets in the world, determined to signalize their loyalty and affection by the presentation to him of a silver loving cup. On the evening of Sept. 4 the presentation was unostentatiously made, but before this the cup was placed on exhibition in Worcester, receiving an abundance of eulogistic comment in the columns of the local newspapers. The Worcester *Evening Gazette*, for instance, after remarking that the cup "is undoubtedly the handsomest production of the silversmith's art in Worcester," adds that it was selected from about 25 different designs submitted by eight different leading silversmiths of the country. That this praise is not extravagant a consideration of the illustration will determine.

From a technical point of view the cup is of very special interest. It stands 22 inches high, with an extreme diameter of 14 inches; it weighs 175 ounces and has a capacity of 20 pints. Based apparently as regards its contour and the main lines of its ornamentation on a fine example of the classical Bacchic vase, it nevertheless presents abundant evidence of a strikingly individual decorative treatment consistently modern in its pervading sentiment.

Three handles with marked grace of outline spring from the masses of grapes, vine leaves and tendrils intertwined with sprays of ivy, which are clustered around the upper portion of the body of the vase. The vine is used as signifying plenty, the ivy as the symbol of friendship. A pleasing variety of tone and a suggestion of color is lent to the vase by the judicious employment of gilding and oxidizing. Thus the vine leaves are finished in mat gold, the tendrils being of burnished gold, while the grape clusters are of oxidized silver. The repoussé work and the chased decoration are of a most effective and at the same time most delicate character. The cover is decorated with vine leaves and grapes in harmonious accord with the ornamentation of the body.

The dedicatory inscription in relief which occupies one of the panels sets forth that the cup was presented to Matthew John Whittall by the employes of the Whittall, the Edgeworth, the Worcester and the Palmer carpet mills, and of the New York and San Francisco salesrooms "as a token of good will and esteem."

It is gratifying to be able to note the appreciatory fashion in which the commit-

tee received this very striking example of modern craftsmanship as exemplified in a letter recently received by the makers, in which the donors state they have never seen a cup like this before; the nearest comparison being the cup King Edward VII. recently sent to the New York Yacht Club. "All of the specifications," says the committee, "have not only been lived up to, but voluntarily improved on, and they feel that they should express to you recognition of these facts."

Tangle Growing Out of Bank Failure Leads to Suit Against Pittsburg Jewelers.

PITTSBURG, Pa., Sept. 27.—Action was begun yesterday in the United States Circuit Court by Thomas Rinaker, receiver of the Enterprise National Bank to recover $1,800 from Emanuel and Jacob Grafner, of Grafner Bros. The defendants, it is alleged, indorsed three notes for Isaac Glanz, which were discounted by the bank and were protested because payment on them was refused. Grafner Bros. will fight the claim.

T. Lee Clark, the cashier of the bank, when his defalcations were discovered, blew out his brains. Clark had made away with about $1,000,000 funds of the bank, which have not been accounted for; in many instances he hypothecated securities to carry on his crooked work, and in the case at bar Grafner Bros. claim this was done. The bank closed its doors last October. Some Allegheny jewelers had accounts tied up in the bank, which recently paid a dividend of 20 per cent. The bank had deposits of $2,700,000.

In the suit entered against Grafner Bros., it is claimed that one note was made payable to the order of Grafner Bros., dated June 19, 1905, Glanz being the maker of the note and Grafner Bros. the indorsers. It was protested four months later. The defendants are also alleged to be indebted to the plaintiff by reason of indorsing a promissory note dated July 28, 1905, for $500, and which also was protested; one for $300 protested Nov. 28, 1905, a month after the bank closed its doors, and another for $500, was protested Jan. 16, 1906. No part of the money has been paid by Glanz or the defendants in the suit.

Jacob Grafner, of the firm of Grafner Bros., made the following statement: "We intend to fight this claim of the receiver of the bank, for the reason that Mr. Glanz had fully secured the bank. He had securities deposited there to the value of $3,100, and some of these, which included diamonds, are missing. The suit was really a forced one, and while the receiver did not like to bring the action he was compelled to do so, in order to straighten out the bank's affairs. As the bank was fully secured, in addition to the indorsements, we do not feel that we should be made to pay the money, since Glanz secured the bank, and therefore we shall fight the matter." A writ had not been served to-day on the Grafner firm, but will be, and the firm will then have 10 days in which to file an answer, their defence being along the line stated.

Jacob Grafner was a stockholder in the Enterprise National Bank, holding $500 of the capital stock, and sustained his loss in this respect without any complaint. It appears to be the general opinion that under the circumstances the bank will not have much of a case against Grafner Bros., since it will be shown that Clark, and not Glanz, or Grafner Bros., really caused the loss, for while Grafner Bros. did indorse for Glanz, yet Glanz is a big loser because his securities were made away with, and the claim is therefore made that the bank is indebted to Glanz.

New York Jewelers' Suit Against Hotel Owners for Jewelry Lost or Stolen, Settled Out of Court.

A settlement was agreed to, last week, in the suit brought by Eisler & Laubheim, New York, against the proprietors of the National Hotel at Peoria, Ill., for the loss of a quantity of diamond jewelry back in May, 1904. The jewelry was shipped from the manufacturing company's office, 87 Maiden Lane, to its salesman, J. H. Tighe, in care of the hotel. The shipment was made by the Adams Express Co., and according to testimony, the package containing the merchandise was duly delivered by the express company's agent to one of the clerks at the hotel who receipted in the usual form. Thereafter the package disappeared.

Some of the diamonds and jewelry were recovered, and it was found that a colored porter and a colored bootblack, who were employed for a time about the hotel, had been selling jewelry to their friends. The only explanation given by the colored men, when they were arrested, was that they had found a package of jewelry in an ash barrel back of the hotel.

How the package disappeared after it had been delivered at the hotel, was for a time quite a mystery, and has never been fully explained. The supposition is, however, that the clerk after receiving the package, was careless and instead of placing it in a safe, allowed it to remain on the floor or an a table, from which somebody, who suspected its real character, took it.

The manufacturers sued the hotel people for the full value of the lost merchandise, and this is the case that has just been compromised. A member of the manufacturing firm said yesterday that under the terms of settlement, the hotel people have made good the entire value of the lost jewelry, and the firm's only loss is its expenses such as counsel fees. All the merchandise recovered goes to the hotel people.

When the loss was first discovered, the employes of the hotel were somewhat reticent in giving information, and it is now believed that this reticence unintentionally delayed the work of the detectives in running down the thieves, and that if there had been less delay a much greater proportion of the lost jewelry would have been recovered.

A Paris jeweler has bought a large number of stones which have been found in mines on the Czar's private property. Every year stones from these mines are offered for sale by tender, in the same way as the forest lands and mines belonging to the Czar are occasionally sold by the Imperial Cabinet.

ELSIE BEE'S FASHIONS.

THE LATEST DESIGNS IN DIAMOND JEWELRY NOTED IN A LADY'S RAMBLES AMONG THE JEWELERS

A PARROT, on its perch of gold, figures as a unique scarf pin, in green enamel, gold and diamonds.

*

A gold calla lily, with pearl stems and green leaves, serves as a fancy hat pin.

*

Orange and yellow diamonds in conjunction with fine diamond work serve as a color note in some costly bracelets or rings.

*

The blandishments of diamond relief work employed in a new brooch are shown in an elegant and distinctive design of the rose *motif*.

*

Attached to one of the large, very thin gold watches is a chain of pale gold, simulating the style and almost the size of a small rope.

*

Skeleton designs may be noted as something uncommon in diamond work. Those very open effects take an as *motif* an animal or a bird, as the elephant, horse or owl, and depict a skeleton of the same in the lines of tiny diamonds.

*

Artistic conceptions are expressed in some new diamond necklaces wherein cluster effects are employed, together with solid leaf forms and the larger stones as drop stones. Light blue or green aquamarines, diamond shaped, and hexagons of yellow topaz, are among the favored colors used with discretion in diamond necklaces.

*

Replete with fascination is a corsage ornament, somewhat triangular in form, and with pendant, each displaying a single large diamond. The ornament, which is a conventional arrangement of honeysuckle buds, giving the rounded shapes enlarged and thickly incrusted with diamonds, shows a fine large stone at its base, where the bud stems are laid flat together. The pendant of a style to correspond and of appropriate size is closely attached.

*

The new treatment, in choice diamond work, of standard foundation lines, as the five or eight-pointed star, circle, conventionalized wild rose, and other equally familiar outlines, results in entirely original and most charming designs. The general arrangement of these patterns is further enhanced by the high setting of a number of important stones, which harmonize with it and give a relief effect that is decidedly stunning. The backgrounds, so to speak, consist of some very close figures, together with open spaces, in beautiful arrangements, which the large stones complete, the whole but barely suggesting the fundamental lines. In this new relief effect is shown designs of much richness and beauty.

ELSIE BEE.

C. W. Glenn was recently accused of having purchased a watch from the Southern Watch Co., Richmond, Va., and of having pawned it the next day after paying only a small amount on the purchase. Glenn left for Norfolk and was located there by J. P. Lewis, attorney for the watch firm

The Emblem of Perfection.

THE PEARL.

FROM TIME IMMEMORIAL the Pearl has stood as the emblem of Perfection, a consummate gift of Nature, independent of the skill of the lapidary. It is a symbol of beauty and value.

The discriminating care attending the selection of Pearls at this establishment is well known and appreciated both by the trade and the consumer. The artistic use of the Pearl in jewelry is only second in importance to its intrinsic quality. Generations of experience in these matters warrant the utmost confidence of the trade.

The range of selections and prices is sufficiently varied to meet all requirements.

ALFRED H. SMITH & CO.

IMPORTING GEM MERCHANTS

475 FIFTH AVE.
Opposite New Library.

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Cor. Maiden Lane.

NEW YORK

CHICAGO:
103 State St.

LONDON:
6 Holborn Viaduct.

New Labor Conditions and Unfavorable Assortments of Rough Increasing the Cost of Cut Diamonds.

Diamond importers, who buy rough stones from the syndicate at London, say that while there has been no formal advance in prices since last January, yet the stones cost considerably more because the assortment on an average is not as favorable as it was prior to this year. While some shipments compare quite well with those of former years, yet in other shipments the stones come in such size and quality that the cutters do not get nearly as profitable results as formerly. The cost of labor is also adding to the price of the cut stones.

One of the largest cutters who buys from the syndicate at London, said: "The cost of polishing diamonds is now double what it was a year ago. The polishers who formerly worked 60 hours, now work 48 hours. They used to work with six tongs, and now they work with four.

"The salaries of polishers were fixed at the close of last year on a basis which was supposed to represent the earning capacity of the men who had prior to that time been paid by the piece. The practical effect was not entirely foreseen. We now realize that when the men were working by the piece they were straining every effort to polish as many stones as they could. The salaries were, accordingly, fixed at a level which represents their earnings when they worked their hardest. Now that they get the same pay whether they turn out a larger or a smaller number of stones, we find that they no longer exert themselves to the same extent.

"I do not mean that the men deliberately shirk their work, or anything of the kind, but there is not now the same incentive that there was, and the effect on them is about the same as it would be on any other class of men. The reduction in the number of tongs with which they work, came in an order of the labor union.

"The cutting, polishing and the other work, all considered, makes the cost of manufacturing diamonds fully 70 or 75 per cent. more than it was a year ago.

"In my opinion, cut stones are now worth 20 per cent. more than they were last year, the additional value representing the increased cost of the rough stones and the increased cost of labor."

Output of the New Premier Mine in the Transvaal.

The output of the Premier Diamond Mining Co. in the Transvaal, according to reports received in New York from South Africa, amounted in May to 91,163 ¼ carats, and was the result of treating 306,350 loads of ground. The percentage, 30 carats of diamonds per 100 loads of ground, was a decrease in comparison with April, when the yield was 35 carats per 100 loads.

In June 252,379 loads of ground yielded 65,154 ½ carats of diamonds. To the total output of that month 12,171 ½ carats were added as the recovery from accumulated pulsator residues, making a total of 77,326 carats. The June percentage was 25.8 carats per 100 loads, excluding the recovery from residues. In July the yield was 63,858 carats from 251,277 loads of ground, the percentage being 25.4 carats per 100 loads. In this month also there were added to the output 10,742 carats of diamonds recovered from accumulated pulsator residues, making a total from all sources of 74,600 carats.

Trustee of Schickerling Bros. & Co. Reports on the Condition of the Bankrupt Estate.

Robert C. Morris, trustee of Schickerling Bros. & Co., who were formerly manufacturers at 26 E. 28th St., New York, said a few days ago in answer to a question that the long-talked-of suits against creditors who were said to have received preferences have not yet been begun. Some preliminary testimony has been taken with a view to bringing actions of this kind, and that is as far as the proceedings have gone.

Mr. Morris recently filed his first report as trustee with F. K. Pendleton, the referee. This report showed that the total cash receipts from all sources that have come into the trustee's hands amounted to $15,969. The expenditures thus far have been $2,988, leaving a cash balance of $12,980, which is subject, however, to commissions of the referee, attorney fees and the expenses of accounting.

The receipts included $11,637, the proceeds of the sale of the stock. The sale of the merchandise and fixtures brought $2,999. The largest disbursement was $1,500, made to Thomas & Oppenheimer and to E. A. Karelson as attorneys' fees, while they represented the receiver.

The trustee has also come into possession, in addition to the cash, of several small notes, also of a number of accounts that were not assigned by the bankrupt company. The face value of these accounts is $8,689, and, adding to this the face value of the notes, gives a total of $9,029, representing assets in the trustee's hands additional to the cash.

Jeweler of St. Louis, Mo., Robbed of Nearly $3,500 While Returning from Trip Abroad.

St. Louis, Mo., Sept. 28.—Frederick W. Drosten, president of the Frederick W. Drosten Jewelry Co., of this city, who has just returned after a tour abroad of several months, had an uneventful trip until just as he was nearing home, when he was robbed of a letter of credit for $3,000 and $475 in currency.

The robbery occurred while Mr. Drosten was a passenger on the Pennsylvania westbound train that arrived here Thursday morning. Mr. Drosten, who boarded the train at Jersey City, arose from his berth Thursday morning, and went to the washroom, leaving behind his coat, in which were the letter of credit and the currency. In his absence the theft was committed.

The letter of credit was made out for £600. Mr. Drosten reported the robbery at once upon arriving in St. Louis. The porter and maid of the car were arrested on suspicion, but were later released.

Mr. Drosten in his absence from St. Louis, since July 28, visited London, Paris, Antwerp and Frankfort. He was accompanied by Mrs. Drosten.

Beautiful Clocks, Cut Glass, Bronzes and Mosaics in the New Capitol at Harrisburg, Pa.

Harrisburg, Pa., Oct. 1.—Notwithstanding the fact that the total cost of building and furnishing amounts to $13,000,000 instead of the $4,000,000 originally appropriated, the people of Pennsylvania in general and of the city of Harrisburg in particular, are justly proud of their massive, stately new capitol building, to be formally dedicated Thursday, Oct. 4, with the President of the United States delivering the chief oration. The programme for the day's celebration includes a military parade, immediately following the dedicatory ceremonies and band concerts and fireworks.

The souvenirs for the dedication include medallion watch fobs, containing the coat of arms of the State and a representation of the new capitol, with date of dedication. One of these medals, made of solid gold, will be presented to President Roosevelt, while the dedication commission will receive silver medals, and the outside public composition medals.

Magnificent and bewildering to the average visitor is the finishing and furnishing of the interior of the new capitol. In the statement recently issued by the Board of Public Grounds and Buildings appear the following items:

Bacarat cut glass panels	$138,757.09
Designed glass mosaic	28,759.20
Designed clocks and clock fittings	32,079.20
Monumental art bronze standards, chandeliers, etc.	1,067,557.35
Specially designed bronze electric chandeliers and brackets	981,965.61
Bronze railings, gallery, etc	400,000.00

Syndicate Formed to Develop Supposed Diamond Fields at Plum City, Wis.

Minneapolis, Minn., Oct. 1.—A. A. Andrews, R. H. Farrington, and others, of Minneapolis, have been investigating the prospects in the vicinity of Plum City, Wis., for diamond-bearing formation. According to a former government report, 11 diamonds were found in that vicinity, the report intimating that the formation is glacial drift. The people who are interested in the exploration work, have had Prof. C. W. Hall, of the University of Minnesota, make an investigation of the territory there, and he advises them that in his opinion it is not glacial drift formation, but that it is in the driftless area. The formation is said to be similar to the Brazilian diamond fields by Prof. Hall. The subformation is said to be liberally studded with quartz crystals.

Dr. C. W. Drew, Century building, Minneapolis, has made an analysis of the clay found there, and finds that it contains graphite. The country there has a blue clay hard pan, which has been struck by farmers in digging wells, and which they have not been able to penetrate with ordinary well-digging tools. In some of the work done by this syndicate, a shaft was sunk 19 feet, when a stream of water was encountered, too free to be cleared by the apparatus at hand.

A stock company has been organized to prosecute the work, and engineers have been engaged to assist in the coming explorations.

HAYDEN W. WHEELER & CO.

MOUNTED DIAMONDS

Our salesmen are now out and showing larger and more varied stocks of Mounted Diamonds than ever before.

If they do not call on you, your mail or telegram order will receive prompt attention.

RINGS, BROOCHES, SCARF PINS, NECKLACES, LA VALLIERES, BRACELETS, STUDS, EAR RINGS, SLEEVE BUTTONS.

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IMPORTERS AND CUTTERS OF **DIAMONDS**

Loose or mounted goods on memo. to responsible dealers.

103 STATE ST., CHICAGO. COLUMBUS MEMORIAL BUILDING.

JOS. NOTERMAN & CO.

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IMPORTERS AND CUTTERS

Recutting and Repairing odd shaped and chipped stones a specialty. Manufacturers of Mountings and Fine Jewelry. Special Designs Furnished.

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MEMORANDUM ORDERS SOLICITED.

Warning to Jewelers Against Swindler Who Operates With Raised Money Orders.

CONNEAUT, O., Sept. 26.—According to a notice received by Postmaster Putman, many jewelers of this vicinity have been fleeced by a clever swindler who uses post-office money orders, and retailers are generally warned to look out for the swindler and report to the authorities in case he attempts to work the same game again. The man used the old trick of buying post-office orders for small amounts and raising them. He buys some jewelry, cashes the order and gets away with the change and the articles before the dealer discovers the trick played upon him.

The man has his orders made out in the names of James Hart, Thomas Ward, James Smith and John Kennedy, but the chances are other names will be used by him as well. The swindler is about six feet tall, has a smooth face, gray hair, and appears to be about 55 or 60 years old. He is slightly deaf and has the appearance of a railroad man or telegraph lineman. He wears ordinary working clothes and a black slouch hat.

In connection with the swindle, Postmaster Putman calls attention to the fact that it is impossible to raise a money order so that it will deceive a careful merchant, because on one side every order bears in printed figures the maximum amount for which the order may be cashed. Jewelers are asked to look closely on all money orders presented to them and to see that in every case the figures on the side are no less than the amount written in the body of the order.

Members of Retail Jewelers' Association of Missouri Participate at Opening of New St. Louis Store.

ST. LOUIS, Mo., Sept. 26.—The Eisenstadt Mfg. Co. began business in its attractively furnished new quarters in the Star building, at the northwest corner of 12th and Olive Sts., Monday morning, when nearly every member of the wholesale and retail jewelry trade in this city attended the opening, which was marked by a reception. Many floral offerings were to be seen in the new store. An especially beautiful piece was a cornucopia four feet high, which came as a gift from the Retail Jewelers' Association of Missouri. One of the pieces was a ladder four feet long, a favorite design being the company's trade-mark, a square rule with the initial E.

A special committee from the Retail Jewelers' Association, which visited the store in a body, after meeting at the Hotel Jefferson, at 10 o'clock, was composed of Herman Mauch, president; Wm. F. Kemper, secretary; G. Eckhardt, George Hess, of Hess & Culbertson; O. H. Kortkamp, of E. H. Kortkamp Jewelry Co.; Frank W. Baier, Otto Steiner, F. W. Bierbauer, William Mauch, John Schmidt, Joseph Ebeling, John F. Zeitler, Harry Loewenstein and others.

The interior of the new establishment, which is said to be one of the finest wholesale jewelry stores in the United States, is constructed uniformly in curly and bird's-eye maple, in French gray finish, the furniture being in the same effects. The salesrooms occupy the whole of the second floor, and the factory is on the third floor. The space of the two floors is 80 feet facing 12th St. by 90 feet facing Olive St. Combined, they give the concern a floor space of 12,000 feet.

Sculptured Bronze Clock Declared to be Entitled to Free Entry as Statuary.

A clock in a sculptured bronze case, the work of an American artist abroad, was held last week by the Board of United States General Appraisers, New York, to be free of duty as to the artistic bronze castings. The question arose as to an importation by Janet Scudder, who protested against the duty imposed by the Collector of Customs at Washington.

General Appraiser Waite in his decision said:

"The importation consists of two bronze figures with bronze bases. In the lower part of the bases circular pieces of metal are inserted in a horizontal position, having the hours of the day marked on their outside edge. These are made to revolve by clockwork in the interior of the base, the time being indicated by an arrow cast on the latter. In the photograph produced the figure represents a Cupid mounted upon a snail, the ornament of the base consisting of snail shells, arrows, hearts, etc., which is thus sculptured to carry out the idea embodied in the statue, of which it must be regarded as a part. This work is the production of an American artist and was executed during her temporary residence in Paris. . . .

"The Board is of opinion that the articles are 'works of art' within the meaning of the law. The fact that they are incidentally a timepiece should not be permitted to deprive the sculptor of the privileges the law accords her handiwork. As there would seem to be no practical objection to separating the value of the clock mechanism and dials from that of the artistic bronze castings, we hold that the latter are free as claimed and sustain the protest to this extent, reversing the decision of the collector."

T. H. Benninger, Cleburne, Tex., Goes Into Voluntary Bankruptcy.

CLEBURNE, TEX., Sept. 26.—Following proceedings in bankruptcy begun by creditors, T. H. Benninger, manager of the Benninger Jewelry Co., has filed at Dallas, Tex., a voluntary petition in bankruptcy. Among the creditors who had begun proceedings against the concern were the South Bend Watch Co., Irving Cut Glass Co., Merry Optical Co., A. F. Bannister Co., Jewelry Supply Co., Oliver China Co., T. M. James & Sons, and George C. Fetter Co.

Mr. Benninger, the manager of the concern, has been in the jewelry business for a long time and is well known in the south. He was originally in Arkansas and Louisiana, and came to Cleburne in 1901. With R. E. Martin he started in business as the Benninger Jewelry Co., but sold out in 1903. About a year or so ago he again became interested in the concern as manager.

The contract for the handsome building that is to be erected jointly by Joseph Castleburg, president of the Castleburg National Jewelry Co., Baltimore, Md., and Martin E. Greenhouse, of Philadelphia, Pa., has been awarded to the builders, George Bunnecke & Sons. It will be a handsome three-story ornamental building and will adjoin the new home of the *Sun*, on Baltimore St.

Further Proceedings Against Grosse & Kappeler May be Dropped—Stock Turned Over to the Trustee.

DAYTON, O., Sept. 26.—There will be no steps taken for the present against the members of the firm of Grosse & Kappeler, the bankrupt jewelers who, as told in THE CIRCULAR-WEEKLY of Aug. 8, were recently held for the United States Grand Jury on charges of contempt of court growing out of their failure. The jewelers have now practically complied with the order of the court in turning their assets over to the trustee, and in view of the fact that they have been acting on advice of counsel, it is believed that the authorities will allow the charges to drop if no further complications arise.

According to the evidence brought out in the bankruptcy proceedings the stock of the firm was valued at $1,200, and Grosse bought out Kappeler's interest for $100 and later turned over the stock to B. Shroyer, a pawnbroker of this city for $400. The Jewelers Board of Trade, through their attorneys, Lenz & Siegler, claimed that the transaction was for the purpose of defrauding creditors, and asked for an order compelling Kappeler to turn over to the receiver in bankruptcy the money he had received from the pawnbroker, and began proceedings to set the transfer aside.

According to the statement now made in court on behalf of the jewelers the stock was turned over as security for a loan of $400, and this loan the jewelers have paid and obtained the stock. This, with $50 realized from the sale of goods, has been turned over to the trustee. It is believed that the case will now be wound up.

West Virginia Jeweler Who Went Into Bankruptcy Indicted on Charge by Cincinnati Creditors.

CINCINNATI, Sept. 26.—Yesterday the Grand Jury, in this city, returned an indictment against Fisher Boiarsky, who was recently arrested at Charleston, W. Va., as a fugitive from justice. He was charged with having obtained, under false pretences, from Richter & Phillips, jewelry amounting to over $1,000. The accused will be brought, by means of requisition papers, to Cincinnati, next week, for trial.

It appears that Boiarsky, last Spring, bought several thousand dollars' worth of goods from different firms here, and represented himself to be perfectly solvent. Later, when payments on the merchandise began to fall due, it is said he could not be found. It was then learned by his creditors that he had filed a petition of bankruptcy.

This led to an investigation, and on Aug. 23, C. E. Richter, of Richter & Phillips, swore out a warrant charging Boiarsky with obtaining goods under false pretences. A search for him was instituted, and he was finally located in Charleston and arrested.

One of the show windows in the store of Thomas & Koock, Austin, Tex., was found broken during the night a short time ago, but an investigation showed that no stock had been stolen.

American Energy

AND PUSH OF OUR BUYERS ABROAD HAVE RESULTED IN LARGE SHIPMENTS OF EXCEEDINGLY FINE AND MEDIUM QUALITIES OF THE FOLLOWING GOODS:

Oriental Baroque Pearls
Round and Bouton Pearls
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WITH A WELL SELECTED AND COMPLETE STOCK OF GARNETS AND DOUBLETS, COMPRISING A LINE OF GOODS OF GREAT INTEREST TO THE AMERICAN JEWELER.

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Urbach on the Stand.

Insolvent Diamond Dealer Closely Questioned During His Examination in Bankruptcy Proceedings.

Sol. Urbach, the diamond dealer at 49 Maiden Lane, New York, against whom bankruptcy proceedings were begun Sept. 17, has been in Bankruptcy Court twice in the last week during an examination which is being conducted into his affairs in behalf of his creditors. A somewhat extended account of the suspicion which the creditors entertain in relation to Mr. Urbach's acts and the reported loss on a trip to Baltimore of his wallet containing diamonds to the value of $40,000 was published in last week's issue. The developments which came with unusual rapidity, as then related, have been succeeded by others, all of an interesting character.

Gustavus A. Rogers, attorney for the receiver in bankruptcy, and also for the petitioning creditors, with Alfred Wolf, of Hays & Hershfield, conducted the examination of Mr. Urbach. The line of questions asked by the counsel soon showed their purpose, which is to appeal to the court for an order directing Mr. Urbach to turn over to the receiver the missing diamonds.

The testimony is being taken before Commissioner Alexander, of the United States District Court. Mr. Urbach is represented by Thomas & Oppenheimer, and by Sol. Rosenblum.

At the hearing last Friday Mr. Rogers asked if there were any price marks on the tissue paper packages containing the diamonds. Mr. Urbach replied in the negative. The attorney asked Mr. Urbach how he proposed to sell the diamonds in Baltimore when there were no marks to indicate the weight or value of the stones. Mr. Urbach replied that he intended to use his judgment.

This led to the question if Mr. Urbach were sufficiently expert to pass on the quality and value of stones, when he replied in the affirmative.

Mr. Rogers then produced a wallet of approximately the size of the one that was lost, according to reports, containing packages of diamonds or imitation gems. Opening the packages, the attorney asked Mr. Urbach if these stones were genuine or not.

Objection was made by Mr. Urbach's counsel, but Commissioner Alexander ruled that the question was proper. Mr. Urbach's counsel then said that the light was poor and that his client was too tired after being on the witness stand for a long time to make a proper examination of the stones. The Commissioner insisted on questions being answered. Mr. Urbach said that the specimens might be worth from $20,000 to $40,000. He was reluctant to pick out when so requested, any particular stone as a specimen of a genuine diamond. Although no positive proof was given of the real character of the exhibit, yet Mr. Rogers intimated that the entire lot was of paste and was worth not more than $20.

The hearing was resumed Monday, and at this time Mr. Rogers again produced a wallet containing a number of packages of diamonds, real and imitations. Mr. Urbach was closely questioned at first in relation to the size of his wallet, the shape of the flaps and the color of the lining. He gave few particulars, and most of the questions he seemed unable to answer in a definite way. Finally he said that although he had used the wallet for six months he had made no close inspection of it, as wallets were not a subject of much interest to him, and that was the reason why he could not give the various particulars for which the lawyer asked.

A package was opened and placed before Mr. Urbach, and he was asked if it was one of those which had been in his lost wallet. He said that he could identify the stones only if they were in the original paper. Then he was asked how the paper could be of assistance if there were no marks on it, as he had so testified at the prior hearing. He then said that there might have been marks on some of the papers.

The attorney asked the witness how he reconciled this with the statement made at the prior hearing to the effect that there had been no marks on the papers.

Mr. Oppenheimer objected and claimed that Mr. Urbach had not made at the prior hearing the statement attributed to him. The attorney argued that what Mr. Urbach said or tried to say was that there were no selling price marks, but that nothing had been said before as to cost marks. The stenographer's minutes of the prior hearing were not available, but the Commissioner said that he had a perfect recollection of Mr. Urbach's testimony—it was to the effect that there had been no marks on the papers.

Pressed further by the opposing attorney, Mr. Urbach said that there may have been marks on some of the papers, but that he did not know of a certainty.

In reply to another question Mr. Urbach said that he did not know if there were any marks in his own writing on the papers containing the diamonds. Papers on which cost marks had been written were handed to him, and he was asked if he could identify them as his writing. He said that he could not say whether or not he had written the marks.

One package after another was placed before Mr. Urbach in a continuation of the effort to test his expert knowledge of the stones. Urbach's counsel objected, as he had done on the prior hearing, to all this line of questions. The Commissioner ruled that they were proper. Then Mr. Oppenheimer said that the light was too poor for his client to examine properly the articles; that it was after 3 o'clock and diamonds are never examined after that hour, and finally that his client should have a glass in order to pass an opinion.

The Commissioner overruled all these objections, and said that if better light were required the witness could go to a window in an outer room. The Commissioner said that while a brighter day and a magnifying glass might be required for a nice examination by a jeweler to determine as to the character of a diamond, surely a jeweler in almost any light could see whether an article was a diamond or a piece of glass.

One package containing seven specimens was taken to the window by Mr. Urbach, who shortly returned and said they were all imitation. The two stones were sealed in an envelope and marked as an exhibit.

Next two large specimens were handed to Mr. Urbach to examine, and again he went to the window in the outer room. He was gone a considerable time. Outside in the next room Mr. Urbach asked a question of Mr. Dean, of the Cooper Diamond Co., one of the creditors. Lawyer Wolf put up his hand to Mr. Urbach, saying he should not ask a question. Mr. Urbach grew angry and told the lawyer, "You must not put your fist in my face!" There was for a few moments a verbal altercation, the noise of which reached the Commissioner, who was considerably annoyed, and sent for the witness.

Returning to the room, the witness continued to express his opinion of Lawyer Wolf, while the latter retorted until the Commissioner silenced both.

Mr. Urbach gave his opinion that both stones were genuine. Before the stones were placed in an envelope and sealed Mr. Rogers turned to the opposing counsel and said: "You can have both for five dollars." Mr. Rosenblum threw a $5 bill on the table, and Mr. Rogers said that his opponent could have the stones after the examination, as they could not be delivered while in custody of the court.

Mr. Oppenheimer asked the Commissioner to reprove Attorney Rogers for offering the stones for $5, declaring that this was a bit of by-play for the purpose of getting reports into the newspapers and exciting prejudice against his client. The report of the prior hearing, Mr. Oppenheimer said, had been greatly garbled in the daily papers, and now Mr. Rogers was endeavoring to give the papers further material in order to place his client in a bad light.

The Commissioner ordered that the examination proceed, and further testimony was taken in testing Mr. Urbach's skill in passing on diamonds, the lawyers for the receiver and creditors trying to show that his story of his trip to Baltimore to sell the diamonds was absurd.

Importations at the Port of New York.

Weeks Ended Sept. 29, 1905, and Sept. 28, 1906.	1905.	1906.
China, Glass and Earthen Ware:		
China	$118,844	$345,657
Earthen ware	24,046	19,767
Glass ware	49,019	37,605
Optical glass	1,085	3,903
Instruments:		
Musical	22,132	18,794
Optical	8,970	8,191
Philosophical	5,608	5,498
Jewelry, etc.:		
Jewelry	27,756	21,827
Precious stones	634,278	510,338
Watches	57,845	61,926
Metals, etc.:		
Bronzes	8,057	12,523
Cutlery	9,828	34,816
Dutch metal	6,152	8,476
Platina	32,727	91,549
Silverware	2,923	2,356
Miscellaneous:		
Alabaster ornaments	543	116
Amber	10,132	13,253
Beads	9,027	3,802
Clocks	9,946	11,110
Fans	9,402	7,408
Fancy goods	6,525	8,111
Ivory	1,423	14,237
Ivory, manufactures of	278	1,303
Marble, manufactures of	3,924	15,827
Statuary	6,706	8,947

The partnership of Feist & Krimke, Newark, N. J., has been dissolved, Philip Krimke continuing alone.

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Important Questions Relating to Duty on Precious Stones Awaiting Decision by United States General Appraisers.

Several questions involving classification of articles used in the jewelry trade are now pending before the Board of United States General Appraisers, New York. Importers of reconstructed sapphires and emeralds are contending that they should be classified as precious stones advanced in value, subject to duty at 10 per cent. ad valorem. The Government claims that the articles should be assessed at 20 per cent. as non-enumerated manufactures.

A similar question is raised in relation to reconstructed emeralds. In this case the importers have given evidence that the articles are aquamarines, artificially colored green. The two kinds of stones are much alike in specific gravity, hardness and some other qualities, although differing greatly in value.

Another issue is raised on an importation of articles made of coral. The Government contends that it is dutiable at 50 per cent. as a manufacture. The importers claim that they should be classified by similitude as precious stones advanced in value, the duty being 10 per cent. Evidence was introduced that there are two classes of coral—the common reef product and precious coral.

Butler, Pa., Jeweler Convicted of Arson, Does Not Appear in Court When Called for Sentence.

BUTLER, Pa., Sept. 26.—Samuel Shamberger, a former jeweler of this city, who was recently convicted of having set fire to his store here, was to have been sentenced on that charge Monday, but when the time came the jeweler did not appear and his bail for $3,000, furnished by a Pittsburg merchant, was declared forfeited.

As the readers of this journal may remember, Shamberger was charged with arson by the insurance companies directly after his store had been set on fire, was arrested, gave bail and skipped. He was finally located in the south, taken back to Pittsburg, and tried and convicted at the June term of the court. He then moved for a new trial, and in the meantime was released on $3,000 bail. The judge having decided against a rehearing, he was ordered to be sentenced Monday, but is believed to have fled, as when the time came he could not be found.

Chas. E. Askins, Oshkosh, Wis., Goes Into Bankruptcy.

OSHKOSH, Wis., Sept. 26.—Following a severe attack of illness, Charles F. Askins, who for some time has been in business at 159 Main St., has filed a voluntary petition in bankruptcy. The petition was forwarded to the United States Court in Milwaukee, and the case has been referred to Referee in Bankruptcy H. C. Forward, of this city.

Mr. Askins has been ill at his home, 279 Merritt St., for some time, as a result of blood poison caused by the bite of a mad dog. For a while he was seriously ill, but his condition is now said to be better. He has been in the jewelry business here for many years, and at one time was watchmaker for A. J. O'Brien. In 1899 he started in business for himself and up until his illness seemed to be prospering. He carried a stock of $3,000 to $4,000. His principal creditors are in Chicago and New York.

Another Diamond-making Experiment.

MANY are the experiments reported of chemists to wrest from Dame Nature the secret means by which she manipulates the common element carbon into both small and large crystals, the latter of which command prices that mean actual wealth to the finder. Numerous such researches, together with their outcome, resulting at times in crystallizations, but never of commercial value, have been related in the columns of THE CIRCULAR-WEEKLY.

One of these, carried out under physical conditions of a most dangerous character, has probably never been published outside of scientific periodicals.

The idea struck Dr. A. Ludwig that it should be possible to reduce carbon to liquid state, and that under sufficient pressure it could be maintained in that condition. He subjected two pieces of carbon to the enormous pressure of 1,500 atmospheres! Used as poles to an electric arc, the current at this physical strain refused to pass even at 70 volts E. M. F. Such a condition permits the assumption that the carbon was in a liquid state to thus forbid an electric arc being formed at the gap, becoming thereby non-conductive.

The professor succeeded in maintaining the condition for several seconds. He next attempted, by sudden cooling of the carbon by the injection of water to create diamonds.

The expressed result of the terrific research was "not altogether satisfactory," although microscopic crystals, which proved to be diamonds, were found in the gray powder left by the experiment.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Sept. 29, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$453,863.08
Gold bars paid depositors	114,772.98
Total	$568,636.06

The gold bars exchanged for gold coin are reported as follows:

Sept. 24	$113,540.05
" 25	159,592.65
" 26	41,890.32
" 27	61,983.62
" 28	66,754.67
" 29	10,101.77
Total	$453,863.08

The Wyoming Optical Society will be organized in Cheyenne, to-day. A. F. Thompson, president of the Iowa State Optical Society, and Wm. E. Houston, secretary of the American Association of Opticians, will deliver addresses. The organization committee of the Wyoming Society includes: S. L. Brawley, Encampment; V. A. Enstrom, Evanston; E. D. Carter, Laramie; W. P. Service, Sheridan; J. N. Crocker, Rock Springs, and Louis Miller, Laramie.

Death of Leonard Schurr.

INDIANAPOLIS, Ind., Oct. 1.—Leonard Schurr, a well-known jeweler of this city, died recently of heart failure at his home, 1411 N. Alabama St. Mr. Schurr conducted a store at 328 Indiana Ave. for 35 years. He had been ill for two years, but attended to his business until two days before his death, when he was compelled to give up.

Mr. Schurr was born in Germany, and when a mere child came to America with his parents. He was educated in the common schools, and afterwards entered the jewelry business with his father. A partnership was formed, and this continued until 1885, when the father died, leaving the business to the son.

Mr. Schurr was a bachelor, and his only surviving relatives are a niece, Mrs. Margaret Oldendorf, and two nephews, Leonard Geiger, of this city, and Jacob Counselman, of Johnstown, Pa.



THE LATE LEONARD SCHURR.

Death of George Wooley.

CARTHAGE, N. Y., Sept. 26.—The death last week of George Wooley, at his home in Alexandria St., was mourned by many members in the jewelry trade, inasmuch as the deceased had long been identified with this industry. Mr. Wooley, who was known as one of the oldest Carthagians, for a long time conducted a jewelry store here, until poor health and advanced age caused him to retire a few years ago. He was 73 years old.

The funeral, which was held at his residence Saturday, was conducted by the Rev. G. H. Trickett, and the interment was at Fairview cemetery.

W. W. Mansfield & Co. were recently incorporated in Portland, Me., with a capital stock of $10,000. The officers are: President and treasurer, W. W. Mansfield; clerk, C. E. Gill, both of Portland.

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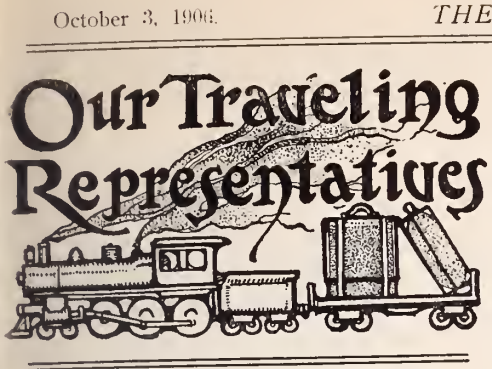
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Charles A. Kendal, with Joseph Mehmert, Cincinnati, O., has left on a four weeks' eastern business trip.

Among the travelers in Louisville, Ky., recently were: I. L. Gross, Knickerbocker Silver Co.; C. B. Bartlett, Whiting Mfg. Co.; Ferguson Mead, Barbour Silver Co.; Arthur A. Spiegel, Gustave Fox Co.; L. M. Frank, Buffalo Jewelry Case Co.; Irving H. Blatt, W. G. Pollock & Co.; George F. Johnson, G. A. Henckel & Co.; Mr. Ellmore, La Pierre Mfg. Co.; Al. Block, Kraus & Glauberg Co.

Lancaster, Pa., was recently visited by the following traveling representatives: Henry J. Bruder, H. L. Kilner; George A. Nelson, Borrelli & Vitelli; Edwin Starn, H. M. Smith & Co.; H. B. Bliss, Gorham Mfg. Co.; J. H. Claxton, Dennison Mfg. Co.; W. F. Parker, M. A. Mead & Co.; Horace R. Bateman, H. M. Smith & Co.; Richard Woehler, Mauser Mfg. Co.; Ferd. Levy, Ferd. Levy & Co.; Alex. Patterson, Hayden W. Wheeler & Co.; Mr. Carter, Carter, Qvarnstrom & Remington.

Traveling salesmen visiting Boston, Mass., during the week included: George M. Van Deventer, Waterbury Clock Co.; Thomas F. Putnam, Robert H. Ingersoll & Bro.; John Herschede, Herschede, Hall Clock Co.; John A. Abel, Abel Bros. & Co.; C. E. Mott, J. B. Bowden & Co.; John R. Scofield, T. W. Adams & Co.; George W. Read, Larter & Sons; W. M. Kopf, Keller Jewelry Mfg. Co.; Mr. Terrill, Traub Jewelry Mfg. Co.; R. H. Schley, Sloan & Co.; William Matschke, A. Joralemon & Son; Julian Hall, Carrington & Co.; L. Henry Jurgens, Snow & Westcott.

The following traveling representatives called on the trade in Kansas City, Mo., last week: H. M. Carle, Keystone Watch Case Co.; H. E. Cobb, Daggett & Clap Co.; Mr. Rogers, C. H. Cooke Co.; C. G. Perry, Ripley-Howland Mfg. Co.; Mr. Townsend, Kreis & Hubbard; Walter S. Noon, Cory Bros. Co.; Mr. Singleton, Adams & Singleton; Joseph Rifkin, L. Heller & Son; Henry H. Jacobson, Jacobson Bros.; C. A. Hulstrom, Wilcox & Evertsen; H. S. Aicher, Alvin Mfg. Co.; Thos. E. Rogers, Riker Bros.; W. D. Sinnock, Ehrlich & Sinnock; A. H. Oakley, Thornton Bros. Co.; F. E. Buffum, Bristol Mfg. Co.; Mr. Knefland, G. T. Sutterley & Co.; F. H. Kelsey, Chelsea Clock Co.; Douglas T. Cook, Graff, Washbourne & Dunn.

Among the traveling representatives who called on the trade in St. Louis, Mo., last week, were: A. W. Levy, Byron L. Strasburger & Co.; William S. Manheimer, Louis Manheimer & Bros.; Mr. Wilkinson, J. J. Sommer & Co.; George F. Johnson, G. A. Henckel & Co.; W. H. Osborne, R. Wallace & Sons Mfg. Co.; Walter R. Shute, Kohn & Co.; A. T. Hatch, S. B. Champlin Co.; H. R. Shirley, T. B. Clark & Co.; Charles E. Bride, Bride & Tinckler; C. G. Perry, Ripley-Howland Mfg. Co.; Thomas E. Rogers, Riker Bros.; J. P. Wrayton, Lebkuecher & Co.; A. J. Sherrard, Enos Richardson & Co.; E. D. Welton, C. Dorflinger & Sons; C. B. Bartlett, Whiting Mfg. Co.; Charles S. Down, F. H. Cutler & Co.; William G. Andrews, C. Sydney Smith; M. Bernheim, Woodside Sterling Co.; Mr. Sideman, Redlich & Co.; Emil Herbeck, Herbeck-Demer Co.

Traveling representatives who visited the trade in Omaha, Nebr., last week, were: Donald Le Stage, H. D. Merritt Co.; F. L. Pettee, Waterbury Clock Co.; Mr. Peck, Crossman Co.; Stephen Smith, Hamilton & Hamilton; A. M. Breckenridge, Benjamin Allen & Co.; Richard Merker, Bates Bros. Co.; John J. Moffitt, Battin & Co.; L. H. Smith, Bippart, Griscom & Osborne; W. N. Brooks, Simons Bro. & Co.; W. B. Howe, Bradley & Hubbard Mfg. Co.; W. H. Gregory, Strobell & Crane; W. Schweder, E. G. Webster & Son; E. A. Warner, Adolph Tanzer; Joseph P. Coyle, Whiting Paper Co.; A. C. Woods, Julius King Optical Co.; Chas. L. Trout, Ira C. Jones; William S. Manheimer, Louis Manheimer & Bros.; Chas. E. Lochner, Hayes Bros.' Co.; Henry H. Jacobson, Jacobson Bros.; Thos. H. Ryland, First Watch Case Co.; William Barker, R. Wallace & Sons Mfg. Co.; Mr. Williams, Warren & Williams; Albert Paulson, Henry Paulson & Co.; Mr. Holder, M. A. Mead & Co.; Chas. H. Singleton, Adams & Singleton; Louis Bruns, Juergens & Andersen Co.; Dana H. Adams, Wm. B. Durgin Co.; C. A. Hulstrom, Wilcox & Evertsen; Mr. Gaspar, Eggington Cut Glass Co.; H. E. Cobb, Daggett & Clap Co.; W. Sumner Blackinton, S. O. Bigney & Co.; Mr. Eastman, Eye Fix Remedy Co.

The trade at Pittsburg, Pa., was, last week, visited by the following traveling representatives: W. C. Strauss, Jacob Strauss & Sons; H. L. Sherman, Simpson, Hall, Miller & Co.; W. R. Eliot, Meriden Cut Glass Co.; E. E. Stockton, E. Ingraham Co.; Mr. Fisher, Furbish, Swift & Fisher; P. A. Wilkinson, J. J. Sommer & Co.; Fred H. Felger, F. & F. Felger; J. A. Connor, Edmond E. Robert; J. E. Simonson, Ludwig Nissen & Co.; Arthur H. Schmitt, Kautzmann & Sussfeld; Jules Franklin; T. K. Benton, G. W. Parks Co.; George H. Remington, Maintien Bros. & Elliot; H. N. Van Bergen, Snow & Westcott; Charles B. Burgess, Frank M. Whiting & Co.; C. F. Brinck, Crescent Watch Case Co.; Mr. Crane, Mandeville, Carrow & Crane; G. L. Sweet, R. F. Simmons Co.; DeForest Ely, Barbour Silver Co.; C. G. Perry, Ripley-Howland Mfg. Co.; Mr. Summergill, George W. Shiebler & Co.; Hubert Somborn, Hipp. Didisheim & Bro.; N. Shiman, Shiman Bros. & Co.; Lucien Rockwell, Poole Silver Co.; Wm. M. Taylor, Wm. S. Pitcairn; George A. Nelson, Borrelli & Vitelli; O. M. Dixon, J. D. Dalzell & Co.; P. L. Smith, Roger Williams Silver Co.; Frank W. Collum, Sulzberger Bros.; J. T. Griffith, Jr., Carter, Howe & Co.; Wallace E. Welch, Hoyt, Obrig & Geiger Co.; Samuel E. Coggins, Towle Mfg. Co.; H. N. Van Bergen, Snow & Westcott.

Traveling representatives who called on the Cincinnati, O., trade during the past week included: W. J. Stephens, Graef & Schmide; Charles F. Sexton, William L. Sexton & Co.; C. H. Davison, Codding & Heilborn Co.; C. W. Hickok, Gorham Mfg. Co.; T. W. Smith, Roger Williams Silver Co.; John Heiser, Ludeke & Heiser; O. M. Dixon, J. D. Dalzell & Co.; James C. Fairchild, Fairchild & Co.; Mr. Macpherson, C. Ray Randall & Co.; C. B. Bartlett, Whiting Mfg. Co.; J. E. Simonson, Ludwig Nissen & Co.; Mr. Hartshorn, Krementz & Co.; Wiely Young, Whiteside & Blank; Jules Franklin; Charles Rotholz, F. & M. Weintraub; Steve Howard, Wilcox & Wagoner Co.; Mr. Mead, Barbour Silver Co.; William Huger, William Huger & Co.; Walter R. Bristol, William Rogers Mfg. Co.; H. H. Meyer, I. N. Deitsch; Mr. Cureton, H. G. LeFort & Co.; Mr. Levy, Byron L. Strasburger & Co.; Mr. Shiman, Shiman Bros. & Co.; Thomas Jewett, Gorham Mfg. Co.; Mr. Riddell, Adolph Strauss & Co.; Nate Swift, Webster Co.; E. F. Kitendaugh; William B. Peck, Waite, Thresher Co.; George W. Beardsley, Allsopp & Allsopp; H. N. Van Bergen, Snow & Westcott; Henry Delerson; Emil Herbeck, Herbeck, Denner Co.; W. M. Hodgeson, Will & Baumer Co.; Mr. Laurmo, Saunders, Meurer & Co.; B. A. Noble, Sturtevant & Whiting; C. L. Derby, J. A. Wright Co.; M. W. Potter, J. M. Fisher & Co.; Leo Henle, Sussfeld, Lorsch & Co.

A handsome and comprehensive catalogue containing 100 pages, 9x12 inches, is being sent out to the trade by the A. R. Justice Co., 9 Mint Arcade, Philadelphia, Pa. The book is bound in heavy dark brown paper, ornamented and printed in maroon and dark green. The company's silverware, cutlery, cut glass, etc., are illustrated on the pages with care and fidelity, and accompanying each picture is a detailed description with the prices subject to discount. The purpose of the company in preparing this catalogue, it explains, is to give to the trade through its pages so exact a knowledge of the various products that dealers can buy from it as safely as from the salesmen. A page of instruction as to shipping practices is given to assist the dealers in ordering from the book. Besides the lines which the company handles regularly it calls attention to special importations of Japanese trays and novelties that are deemed seasonable at this time.

Trade Gossip.

The Siegel Rothschild Co., Baltimore, Md., has made distinct improvements in the locket umbrella handle that has met with success recently. The new designs now being shown are artistic and original, the photo lockets appearing to be a part of the pattern ornamenting the handle, some of which are set with diamonds weighing ⅞ of a carat.

The Paye & Baker Mfg. Co., North Attleboro, Mass., has arranged to make the swastika cross in quantities, and in the future this design will be one of its specialties. The swastika is one of the most ancient Greek designs. The firm has mailed a 12-page booklet to the trade, illustrating this symbol of good fortune, which is being made in hat pins, chain and silk fobs, stamp and match boxes, cuff bottons, charms, etc., which is artistic and well written. A history of the cross appears on the front inside cover.

The new catalogue recently sent out by the Seth Thomas Clock Co., 51 Maiden Lane, New York, is much admired in the trade. There are 80 pages, 9 x 12, bound in a fawn-colored heavy paper, embossed in gold. On the front cover is a representation of one of the new empire clocks. Inside the book scores of illustrations give a faithful idea of the numerous designs that are now to be seen in the salesrooms. In each instance there is a detailed description, showing the size, materials, special features and prices. Several pages are devoted to the tower clocks, and a page is given to the Seth Thomas watch movements.

Leopold Claremont, London, England, who is well known to jewelers of this country as the author of "A Tabular Arrangement of the Distinguishing Characteristics and Localities of Precious Stones," has just completed a work entitled "The Gem Cutter's Craft." Although there are many books upon the subject, this is the first to be written by a practical gem cutter. To all who are in any way interested in precious stones this work should be of great value. It contains upward of 100 illustrations of rough gems, mines, methods of securing and discriminating gems, the details of the process of cutting diamonds and other precious stones, etc. The book will be published shortly by Bell & Sons, London.

In celebration of its 50th anniversary the Wightman & Hough Co., Providence, R. I., has issued an attractive catalogue and booklet containing a history and description of the business and the product of the concern. The volume, which is prettily bound in cream and gold, is illustrated with excellent pictures of the interior of the offices and factory. A series of illustrations show the various steps in the work which is performed in the production of a locket. The company, which began in a small way 50 years ago, now occupies 10,000 square feet of space and employs more than 200 persons in the manufacture of its well-known locket. Several pages of the booklet are devoted to illustrations of the various designs of the present season's lines.

W. H. Townsend, Kissimmee, Fla., has disposed of his business at that place and gone to Eau Gallie.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

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Precious Stones and Pearls.

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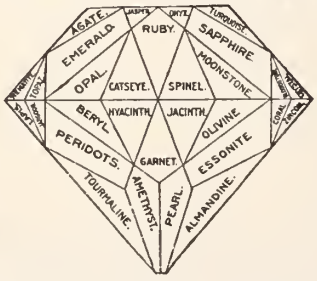
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OUR MEN'S ODD RINGS

In designing our rings for men we are governed by the demands of the hour, imparting to the designs the full strength of the reigning passion, always along original lines.

They are so different from any other designs that one does not have to consider near duplication.

The rings illustrated above are a few of our recent efforts.

Solid gold, superbly finished.

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Have you sent for sample line of our new F. O. E. Lapel Buttons? Already a big seller.

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RINGMAKERS

82-84 Fulton St., New York

News Gleanings.

H. T. Hughes, Malvern, Ark., has sold out.

Louis Cherry, Opelika, Ala., died recently.

A. G. Clang has purchased the store of C. F. Steiner, Madison, Nebr.

F. M. Smith has sold his business in Woodbine, Ia., to L. B. Hoyer.

Geo. E. Osborne has moved his jewelry stock from Thayer to Chanute, Kans.

I. W. Plank has sold his jewelry business in Lyons, Kans., to J. C. Holmes & Co.

S. L. Rhodes, Ulysses, Nebr., recently opened a branch store in Coffeyville, Kans.

Extensive improvements have been made in the retail jewelry store of A. J. Heesen, Toledo, O.

J. N. Pryor, of Warren Pryor & Son, Fayetteville, N. C., is at present making a tour of Canada.

F. A. Hannis, York, Nebr., has just returned from a hunting and fishing trip in northern Nebraska.

Ole Knudson, Valley City, N. Dak., has moved his stock into larger quarters in the new Knudson block.

N. C. Anderson, of the N. C. Anderson Co., Fargo, N. Dak., recently went east to make Fall purchases.

Improvements have been made in the exterior of the store of Anderson & Houghton, Little Falls, N. Y.

The W. D. Sproesser Co., Watertown, Wis., recently celebrated the 50th anniversary of his business career.

J. C. Schmidt, Lebanon, Pa., accompanied by his wife, left recently on a pleasure trip to Allentown and Philadelphia.

E. B. Woodward, Spring Valley, Minn., will succeed to the business of C. H. Phelps, Bismarck, N. Dak., about Nov. 1.

C. A. Davis and W. A. Myers, retail jewelers of York, Nebr., will each move into new corner store locations, Jan. 1.

Mr. Davis, of Davis & Owens, retail jewelers of Falls City, Nebr., is making a combined business and pleasure trip to eastern points.

The Rentz building, Manson, Ia., in which was located a small jewelry store, was recently destroyed by fire. The jewelry stock was partially insured.

C. H. Kittrell, Sandersville, Ga., will discontinue business at that place about Jan. 1, 1907, in order to devote his entire attention to his business interests in Macon.

It has been calculated that during the operation of polishing a diamond weighing in the rough 100 carats the lapidaries wheel will revolve no less than 52,500,000 times.

John Kahn & Co., formerly at 2103 W. Pratt St., Baltimore, Md., have removed to finer quarters at 234 Park Ave., which were formally opened on Monday, of this week.

John Gleisner, aged 50 years, died at his late residence at 516 S. Broadway, Baltimore, Md., recently, of heart disease. A complete obituary will be published next week.

While a circus parade was in progress in Jacksonville, Ill., recently, the jewelry and optical store of Abel M. Hallowell, of that place, was entered by a thief who stole 11 watches from the repair rack.

The recent discovery in Lima, O., of a number of gold watch cases is causing an investigation by the police. The cases, which are said to be very valuable, were found hidden in a meadow.

Alphonse J. Lauch, Kankakee, Ill., has admitted a partner and the firm style is now Lauch & Pallissard.

D. Buchanan & Son, Richmond, Va., have leased quarters on Granby St., Norfolk, where they will open a new store about Jan. 1. The building, five stories high, will be entirely renovated.

C. T. Garlick, Graham, Va., contemplates opening a branch store in Salem, in the same State. Mr. Garlick's son will have charge of the new establishment, which will be opened about Nov. 1.

E. E. Searl's store, in Tomahawk, Wis., was entered recently by thieves, who forced a rear door and stole $400 worth of stock, mostly silverware and jewelry. No attempt was made to open the safe.

Henry Meyers was recently given a hearing in Allentown, Pa., after having been charged with obtaining money by false pretenses by Nathan Cohen, of Cohen Bros., jewelers of that place. A settlement was effected.

Radke & Co., San Francisco, have secured Cadillac automobile delivery wagons in which to make their deliveries. The firm was obliged to secure these vehicles in order to facilitate the filling of orders during the present rush of business.

It was erroneously reported in a previous issue of THE CIRCULAR-WEEKLY that B. F. Spencer had moved from Remington, Ind., to Lincoln, Kans. Mr. Spencer at present is enjoying an excellent business in Remington and has no intention of changing his territory.

The retail jewelry store of Geo. H. Catlin, 412 Felix St., St. Joseph, Mo., was entered recently by burglars who broke a pane of glass in the front door. Nothing has been missed from the store, and it is believed the intruders were frightened away before securing any plunder.

An unknown man broke the window pane in the store of Louis Commlossy, 613 Madison Ave., Toledo, O., one night recently and stole several articles of jewelry, among which was a crucifix, two rosaries, 14 crosses, a lot of imitation diamonds and a number of semi-precious stones.

I. Mayer, of 57 N. 8th St., Philadelphia, Pa., is receiving the congratulations of his friends on account of his marriage to Miss Lillian B. Weil, of New York. The wedding took place yesterday in New York. Mr. and Mrs. Mayer will leave for an extended honeymoon trip through the west.

According to his press agent, Charles Booth, playing as Dr. Billings in "As Ye Sow" in Milford, Mass., one afternoon last week was the cause of preventing the destruction by fire of the store of Chas. W. Wilcox, of that place. An awning in front of the establishment caught fire and the thespian pulled it from its fastenings before the flames could do any serious damage.

A man who represented himself as James Ward, a lineman in the employ of the Western Union Telegraph Co., last week secured a watch and chain valued at $40 from Louis Hooge, Paris, Ky., by means of a postoffice money order drawn on the Cincinnati, O., office, which had been raised from 35 cents to $55.35. The man escaped with the watch and chain and the $15.35 which had been given to him in change.

Marks & O'Conner will be the firm style of a new concern which will shortly commence business in the Colonial building, Monmouth, Ill. The members of the firm will be L. Marks and D. W. O'Conner. The former will have charge of the optical department which will be added. Mr. O'Conner has been engaged in business as a watchmaker and jeweler in Mount Pleasant, Ia., for several years.

Louis Aubury, State Mineralogist of California, has issued a circular to the gem miners of San Diego County, asking cooperation in compiling his report of the complete figures of all the persons or companies owning or operating mines and quarries. The information solicited is kept entirely secret, as only the totals are used; but individual returns on all points are necessary to compile these totals. The replies to the bureau are never made public or published in any way.

The store of Frederick W. Brock & Co., Honeapath, S. C., was robbed recently of about $1,000 worth of miscellaneous jewelry. Trays which had contained watches, diamonds, etc., were found scattered over the counter and an investigation showed that the missing property includes 14 diamond rings, 22 set rings, two diamond lockets, and several other articles of value. A negro, who gave his name as Stewart Ellis, was taken into custody Sept. 25, accused of the crime. A search was made of the negro's home, where 15 of the missing rings were found.

After carrying for several years a gold watch which he had purchased from a New Haven firm for $390, bearing upon its face the name of Jules Juergensen, Copenhagen, Denmark, Attorney Henry T. Shelton, 241 Courtlandt St., Bridgeport, Conn., was informed by a firm of jewelers in New York, Wednesday, that the timepiece was only an imitation of the accurate timepieces turned out by that well-known concern. As a result of the alleged fraud suit has been brought against the New Haven firm, asking that the contract be annulled and a claim of $390, together with interest for eight years and $1,000 damages. The watch is a repeater and rings the hour and quarter hours in melodious tones. It was left at the New York establishment for repairs last December, when Mr. Shelton was informed of the deception that had been practised upon him.

William F. Haase, 28 years old, 412 S. Eden St., Baltimore, Md., was committed for court on three charges of arson by Justice McNally, at the Eastern Police Station, Sept. 29. He confessed to having set fire to the plant of the Bennett Pottery Co., Central and Canton Aves., on three separate occasions. The first two fires occurred Nov. 20, 1902, and Sept. 20, 1903, respectively, and while the losses sustained were large they did not come near the damage caused by the last fire, Sept. 7, 1906. Haase was taken to headquarters and "sweated" for hours before he broke down. He wrote a confession. Detective Kratz said Haase's method was to use cotton waste, and stick a lighted candle in it when leaving the building. In this way he had plenty of time to get home before the candle burned down to oil-saturated waste.

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Lancaster, Pa.

TRADE CONDITIONS.

The Summer season just ended was the biggest that local jewelers have ever had, and it is largely on this account that they are looking for a very brisk Fall trade. The tobacco crop of Lancaster County is the greatest in years, and when sold, as it will be long before the Christmas holiday trade begins, it will put over $3,000,000 in the pockets of the people of the county. Naturally enough the jewelers expect to benefit largely in due time in consequence.

Paul S. Parkson has gone to New York on a business trip.

Morris Rosenstein, of the Lancaster Silver Plate Co., left Friday on an extended western business trip.

Oscar M. Lowrie, formerly of the local firm of Keller & Lowrie, now with the Elmer J. Faust Co., of Allentown, Pa., visited his parents here last week.

The merchants of Lancaster will meet on Friday of this week to organize a business men's association. S. Kurtz Zook is one of the leading spirits in the movement.

Archie Heline, who took a position as watchmaker with a Havana firm after the Spanish-American war, has returned home on account of the present unsettled condition of Cuba.

F. P. Small, Martinsburg, W. Va., has entered the Ezra F. Bowman Technical School as a student in engraving. Clayton Smith, a former pupil, has opened a repair shop in Phillippi, W. Va.

Among the jewelers visiting this city recently were C. August Carmany, Carlisle; J. Harry Sensenig, New Holland; Jacob Esch, Intercourse; Max Stambach, Richmond; Ambrose Fullerton; John R. Bowers, Lackawanna County.

W. S. Meiskey, of the H. S. Meiskey Co., was in Washington, D. C., last week, and F. A. Peters, of the same firm, visited New York and Boston. On account of increased business the firm has considerably increased its working force.

In the Common Pleas Court, last week, was tried the suit of the El Dorado Jewelry Co., Iowa City, Ia., against Joseph Harris & Co., retail jewelers, Ephrata, Lancaster County, on a claim for $200. In 1904 the plaintiff company, through one of its traveling agents, sold a bill of goods to the Ephrata firm for $200, to be paid in instalments of $50 each. The plaintiffs alleged that no part of the bill was paid, and so brought suit. The defense claimed that the contract stipulated that the goods were to conform to the samples exhibited by the salesman, but they did not do so, and the goods were promptly returned. The jury believed the evidence as to the quality of the goods and returned a verdict against the Iowa firm.

Hight & Co., Henderson, N. C., have sold out to A. W. Gohlson & Co.

At a meeting of the Stanford University trustees, Sept. 28, it was announced that the trustees have received from jewelers numerous requests for specifications as to the exact nature of the jewels owned by the late Mrs. Stanford, which are to be sold in the near future. These gems, which were part of the estate left by Mrs. Stanford, to the University, are said to be worth several hundred thousand dollars.

Popular Talks on Law.

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CONTRACTS.

7. Offers to the Public. Contracts of Aliens and of Corporations.

(Continued from issue of Sept. 12.)

AS we have learned, in order to constitute a contract there must be an offer and an acceptance. The offer need not be to any particular person, but may be made to the public in general. An instance of this is an advertisement of a reward offered. An acceptance in such a case is necessary in order to make a contract, and the acceptance must be with a knowledge of the offer. In such a case the contract is executed by the act itself. The person accepting need not notify the person making the offer. The offer is accepted by his going ahead and doing the work or performing the act.

An offer made to the public may be withdrawn before it is acted upon, and if the offer was made by advertisement, withdrawal may be so made, and the mere fact that the person performing the act did not see the advertisement withdrawing the offer does not entitle him to the reward. As a rule, an offer may be withdrawn by the same means used in making it. Of course, an offer may be presumed in the law to have been withdrawn by lapse of time. No withdrawal having been actually made, the offer will be presumed to stand for a reasonable time.

We now enter upon the discussion of who are competent to make contracts. Not every one may make a contract. The law books designate six classes of persons who, in general, are incompetent to make binding contracts, either wholly or in part: 1. Aliens. 2. Corporations. 3. Infants. 4. Insane persons. 5. Drunkards. 6. Married women.

In the first place, it may be understood that a man cannot make a contract with himself. In other words, there must be at least two parties to a contract. One attempts to make a contract with himself when as an agent for some one else he attempts to buy the goods of his principal; or when, as executor, he attempts to buy the goods of the testator; or when as auctioneer he tries to buy the goods he is offering for sale. The mere fact that one cannot sue himself would make the rule necessary. The same applies where one attempts to make a contract with himself and another. One cannot sue two persons one of whom is jointly interested with himself as defendant. Neither can one make a contract with a fictitious person; the person must be living.

There is no law preventing the making of contracts between persons of different nationalities, or owing allegiance to different flags. Such contracts, however, made between aliens—that is, citizens of countries at war—are declared in the law to be null and void. In the case of the Spanish-American war a contract entered into between a Spaniard and an American during the existence of the war was nullity. Even after peace was declared, the contract could be of no effect. As to contracts made before the war, these are merely suspended during the continuance of the war. They revive when peace returns. In the same way a suit on a contract made before the war cannot be carried on in the courts while the war continues. If brought before the war began, a suit may be brought, or the case may be revived after the war has closed.

A corporation is a child of the State. It has no inherent right to make contracts above and beyond such as are expressly given to it by the State. Any contract that it attempts to make that is not within its powers as determined by the law under which it was organized, is null and void. or, as the law books say, *ultra vires*. It cannot be too plainly understood that a corporation has no powers beyond what are given it by its charter, or its incorporating act. In some States the directors are personally liable as partners on contracts made *ultra vires*. Now, the incorporating act under which the corporation is organized may be general in its terms, specifying only in broad terms the limits of the corporation's powers and rights. It will be understood, as we will see later, that a corporation has the implied power to do any act necessary to the carrying out of the purpose of its organization as provided in its charter. So a corporation has the implied power to hold any property necessary to the carrying on of its business, unless, of course, it is expressly forbidden by law. If the property is to be used for some purpose beyond the scope of its authority, it has no right to acquire and hold it, and a contract looking to that end would be void. A bank, for instance, incorporated to carry on a banking business, loaning money on real estate and taking it on a mortgage, might enter into a valid contract for the purchase of farm implements, these being necessary to the care of the farm until such time as it could be sold and the loan repaid. But a contract by a bank to buy farm implements for the purpose of going into the farming business in general would be null and void; and so of a bank making a contract to build a railroad; such a contract would be void unless it could be shown that it was necessarily incident to the carrying on of its business as a bank. Corporations may, unless prohibited by the law under which they are organized, make negotiable paper, appoint agents, borrow money, and mortgage their property.

In some cases the charter provides the mode of contracting. In such a case a contract made by the corporation by another mode than that stated is void; for instance, if the charter requires the signature of a particular officer, the contract is invalid without it.

Where a corporation has entered into an *ultra vires* contract and has had the benefit of the performance of it by the other party, the corporation cannot go into court and claim that the contract was *ultra vires* and that it is under no obligation to fulfil its part, at the same time retaining the fruits of its unauthorized acts. It would be held by the court liable in equity generally to restore or pay for what it has received.

A single stockholder in the corporation may restrain the board of directors of the corporation from entering into an *ultra vires* contract, and usually it is true that the board of directors is liable to the shareholders for an *ultra vires* act. Then, too, the State itself, through its department of justice, may in the courts restrain an *ultra vires* act, or compel the corporation to forfeit its right to do business.

Contrary to the popular notion, a corporation organized in one State has no inherent right to do business in another State. The privilege it has so to do is merely by courtesy of that other State. A corporation organized under the laws of the State of New Jersey has no inherent right to do business in the State of Michigan; that it is permitted to do so is by the tacit agreement of the latter State, or by what is known as State comity or courtesy. It follows, therefore, that one State may make reasonable limitations on the right of a foreign corporation to do business within its borders. It follows, of course, that a corporation cannot do in a State other than its home State an act contrary to the law or the policy of that other State, though permitted to do so by the law under which it is organized within the boundaries of its own State.

One State may go so far as to prohibit a foreign corporation from doing business within its borders. A State may discriminate against foreign corporations by imposing taxes on them, or license fees, unless such taxes or license fees be contrary to the interstate commerce act.

Most of the States make provisions requiring foreign corporations to file reports with their Secretaries of State at certain intervals. Some require that these corporations shall have offices within the State, and designate certain officers upon whom within the State service of process may be made. Others require the payment of a certain franchise tax or license fee. Still others provide that unless certain conditions are complied with by the foreign corporation, they shall have no standing in the courts of the State, either to bring suit or defend a suit.

(To be continued.)

A Bracelet Made 7,000 Years Ago.

A BRACELET made about 5000 B. C. and recently found by Prof. Petrie, is composed of finely-cut amethysts, turquoises, gold beads and twisted gold tubes. It was found on the arm of the mummy of Queen Teta (first dynasty) at Abydos. E. A. Reynolds-Ball assumes that at a time when the tomb was anciently plundered the mummy of the queen was broken in pieces and a fragment of the forearm placed by one of the plunderers in a hole in the wall.

For more than a thousand years offerings were made at the Osiris shrine (into which the tomb had been converted), and thousands of visitors must have passed within a few feet of the fragment, but without disturbing it. At last, however, it was brought to Professor Petrie, the bandage removed and the bracelet disclosed.

This is probably one of the earliest examples of female jewelry, dating back into antiquity.

Chas. H. Kittrell is closing out his store in Sandersville, Ga., and after Jan. 1 will devote all his time to his establishment in Dublin, in the same State.

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New Stores and Enterprises.

Chas. L. Siller has opened a store in Sac City, Ia.

M. H. Richardson is a new jeweler in Seattle, Wash.

Mr. Loomis has resumed business in Rawlins, Wyo.

J. A. Hartley & Co. have begun business in Grand Forks, B. C.

C. W. Ware has established himself in the jewelry business in Garfield, Wash.

T. S. Weekely has opened a watch and jewelry repairing shop in Hood River, Ore.

W. J. Prizeman is engaged in the retail jewelry business at Balgonie, Sask., Can.

Wm. Kassel has started in the retail jewelry business at 912 Walnut St., Kansas City, Mo.

Otto Weaver will open a jewelry and watch repairing establishment in Honesdale, Pa., about Nov. 1.

R. J. Barnes will shortly start in business in White Cloud, Mich. An optical department will be a feature of the new store.

I. Steinberg, formerly with Lusky & Lowenheim, Nashville, Tenn., has started in business for himself at 403 Union St., that city.

Thomas Maurer is about to begin business in Elm Grove, W. Va., in quarters adjoining the local post office. Mr. Maurer formerly resided in Findlay, O.

Roy F. McComb will open a retail jewelry establishment on S. 3d St., Hamilton, O., about Nov. 15. The building will be remodeled and renovated for Mr. McComb.

Rochester.

Jos. Kopelowitch left Monday for his Fall trip through the east and south.

H. J. Brautigan will shortly open an engraving office in the Reynolds Arcade. Mr. Brautigan was formerly with the L. Sunderlin Co.

It is expected here that Bastian Bros. will probably land the order for campaign buttons for both the Republican and Democratic parties.

F. W. Wedgren, formerly a manufacturing jewcler at 69 Reynolds Arcade, has moved to larger and more attractive quarters in the same building.

Judgments were taken in Municipal Court by default recently by the L. Sunderlin Co. against Joseph E. Thomas for $42.04 and by Malcom I. Danks against Edward Hart for $20.40.

Papers in the final dissolution of the F. F. Pulver Co., of this city, were filed with the County Clerk a few days ago. The assets were given as $32,000 and the indebtedness as $46,259. The papers were signed by Justice Robson. The F. F. Pulver Co. manufactured advertising novelties and celluloid goods. The company failed about two years ago, and the business was bought from the Court House steps by Bastian Bros., manufacturers of pins and other novelties in jewelry.

J. Gruesen, Duluth, Minn., returned recently from an eastern purchasing trip.

W. E. Swinney, Columbia, Mo., has disposed of his business interests at that place to F. J. Patton.

Attleboro.

TRADE CONDITIONS.

The manufacturing jewelers in several instances last week were forced to turn away orders, being unable to guarantee to get out the goods within the time limits set by those offering the orders. The rush in the factories, causing many, if not most of them to keep a working force on until 9 or 10 at night, continues unabated. In scores of homes women who in youth had factory experience have been pressed into service to make chains or purses to help out the over-busy shops.

Maxy W. Potter, salesman for J. M. Fisher & Co., has returned from a long western trip.

The R. F. Simmons Co. has under construction a building on its premises to be used for storehouse purposes.

Harold D. Baker, of the Attleboro Refining Co., has the sympathy of the trade in the loss last week of his infant son.

Hon. Sidney O. Bigney, of S. O. Bigney & Co., has been given a place on the Executive Committee of the Republican State Committee.

Charles M. Robbins, of the Charles M. Robbins Co., is an officer in the Ancient and Honorable Artillery of Boston, which has gone to Atlantic City for its annual excursion.

Frank A. Chase, Chicago representative of the Charles M. Robbins Co., has started from the headquarters there for a five weeks' trip over the eastern circuit. He will visit the home office during that trip.

Three new buildings have been completed and are ready for occupancy at the Reed & Barton silver works, Taunton, but the plant is so busy that time cannot now be spared for the transfer of machinery and fittings from the departments which are to have increased room, so the structures will have to lie idle for the present.

The D. F. Briggs Co., C. A. Marsh & Co., the Daggett & Clap Co., and McRae & Keeler were temporarily deprived of power early last week, owing to an accident to the steam plant. Two workmen were engaged in work on a join in the main feed pipe which conveys the steam from the boilers to the engine, when the pipe suddenly burst, hurling the men some distance and allowing the steam to escape. Neither was hurt, but the accident caused a delay in the work.

W. H. Saart & Co. have followed the lead set by the R. F. Simmons Co. in granting the help participation in the profits of the concern. There are now these two firms engaged in this plan, and others are contemplating following suit. The effect so far as can be seen by the present trial at the Simmons plant is to stimulate a desirable corporate pride and factory spirit. At the Saart factory the 60 hands now employed there and the 30 working in their homes, owing to cramped shop room, together with more than 30 more who will be hired between now and the close of the year, will get the benefit of the new scheme. Beginning Jan. 1 they will get a percentage of the profits, each in proportion to the amount he has earned in wages. The percentage of the whole profit which will be set aside and divided up in this way has not yet been determined.

Politics is naturally one of the absorbing topics at this time. Caucuses of all parties were held last week, and among those chosen as delegates to the various conventions were George H. Sykes, of Sykes & Strandberg; Frank W. Weaver, of F. W. Weaver & Co.; Emmons D. Guild, of the W. H. Wilmarth Co.; Edward A. Sweeney, of the W. H. Wilmarth Co.; Harry P. Kent, of F. W. Weaver & Co.; Everett S. Horton, of the Horton, Angell Co.; J. Thos. Inman, of J. T. Inman & Co.; Sidney O. Bigney, of S. O. Bigney & Co.; Samuel M. Einstein, of the Attleboro Mfg. Co.; Charles P. Keeler, of McRae & Keeler; Albert S. Ingraham, of A. S. Ingraham & Co.; William Nerney, of William Nerney & Co.; William H. Smith, of Smith & Crosby, and P. J. Cummings, of P. J. Cummings & Co. Charles E. Bliss, formerly of Bliss Bros., was defeated as a prospective Republican nominee for the Legislature.

North Attleboro.

Ira Barrows was in town the latter part of last week.

George L. Paine returned on Saturday from the west.

Fred S. Gilbert has been chosen a member of the Republican Town Committee.

Frank O. Coombs was honored last week with the Republican nomination for representative.

Walter Duncan, Southern salesman for C. Ray Randall & Co.; G. C. Hudson and Fred B. Brigham, of Cheever, Tweedy Co., got back from trips last week.

Clarence King, of the George L. Paine Co., was given a reception Thursday night, when he concluded his duties as organist of the Universalist Church. He was presented with two handsome mahogany chairs by the society.

Manufacturing jewelers and concerns mentioned as among the heaviest taxpayers of the town are as follows: Walter Ballou, $274.80; W. H. Bell & Co., $110; W. H. Bell, $326.50; A. H. Bliss & Co., $640.64; John P. Bonnett, $112; Cheever, Tweedy Co., $264; George W. Cheever, $122.56; Harvey Clap, $112; Codding Bros. & Heilborn, $407.88; P. H. Cummings, $115.30; H. H. Curtis Co., $151; F. H. Cutler Co., $132; Doran, Bagnall Co., $132; William N. Fisher, $154.24; W. N. Fisher & Co., $176; E. I. Franklin Co., $286; B. S. Freeman Co., $110; T. G. Frothingham & Co., $110; Mauran I. Furbish, $190.76; E. Ira Richards Co., $286; William W. Sherman, $480.50; J. F. Sturdy's Sons, $1,291.84; Fred E. Sturdy, $241.14; Herbert K. Sturdy, $224.20; H. F. Barrows, $191.20; Anthony H Bliss, $104.30; Walter G. Clark, $266; W. G. Clark Co., $176; G. Herbert French, $1,220.36; Edgar L. Hixon, $823.20; Woodbury Melcher, $582.80; George L. Paine Co., $132; Paye & Baker Mfg. Co., $320.20; T. I. Smith Co., $1,159.40; J. J. Sommer Co., $154; G. K. Webster & Co., $855.80; G. K. Webster, $275.90; Louis W. Wise, $769.80; H. F. Barrows Co., $642.40; W. & S. Blackinton Co., $528; R. Blackinton & Co., $440; James O. Copeland, $191.20; G. C. Hudson & Co., $110; C. Ray Randall & Co., $132; Riley & French, $789.14; Theron I. Smith, $1,235.32; Sturtevant & Whiting, $192; F. M. Whiting & Co., $440; F. M. Whiting Co., $825; William H. Riley, $1,687.86.

Connecticut.

J. B. Lucke, Connecticut correspondent for THE CIRCULAR-WEEKLY, is confined to his home by a broken shoulder.

William F. Lane recently completed the 39th year of his association with factory "E," of the International Silver Co., Meriden. Mr. Lane entered the employ of the factory Sept. 22, 1867.

Edward A. Jennings and Miss Evelyn Goodsell were united in marriage Thursday in Bridgeport. The groom is a member of the manufacturing firm of Jennings Bros. Mfg. Co., of that city.

An odd display is to be seen in one of the show windows of P. T. Ives' store, Meriden. It consists of a number of round clams which were dug by Mr. Ives at Indian Neck. They vary in weight from one ounce to 13 ounces.

Irving H. Case and Joseph H. Reid, Waterbury, were nominated by the Republican Senatorial Convention from the 15th and 16th districts respectively Thursday. Mr. Chase is secretary and treasurer of the Waterbury Clock Co.

The Connecticut Pawnbrokers' Association held its annual session in Hartford Sept. 27, when the following officers were elected: President, L. S. Knoek, Hartford; secretary, M. L. Simons, New Haven; treasurer, C. H. Peck, Bridgeport.

Wells A. Wright, formerly employed by the Wm. L. Gilbert Clock Co., Winsted, died at the County Hospital, Sunday night, last week, after a prolonged illness, aged 71 years. He is survived by a widow and one daughter, Mrs. E. E. Strann, of Derby.

Morris Persoff, New Haven, has purchased the business of the late Ezra Bishop, 739 Chapel St., New Haven. Charles Carriere, who was associated with Mr. Bishop and had charge of the watch repairing department, will continue as before with the new firm.

The wife of T. C. Wells, of Wells & Gunde, 493 Winthrop Ave., New Haven, recently identified a lot of goods at detective headquarters as property which had been stolen from her residence. The loot was recovered from a young colored girl, Rebecca Carter, who had been employed by Mrs. Wells.

George H. Rhyendance, for many years superintendent of the wood case department in the New Haven Clock Co.'s factory, New Haven, has resigned his position after having been associated with that company for about 24 years. Mr. Rhyendance contemplates taking a rest after his long years of uninterrupted labor.

The new foundry building of Landers, Frary & Clark, Bridgeport, was opened for public inspection about a week ago. In construction and equipment it is said to be the finest in the State. Every modern convenience has been installed for the accommodation of the workers, including private lockers and baths. The building is shaped like the letter "T," and is 370 feet long and 84 feet wide. Particular attention has been paid to ventilation and lighting.

S. Martin, jewelry auctioneer, was elected president of the Wisconsin State Association, B. P. O. E., at the recent meeting of Elks held in La Crosse, Wis.

CABOCHON or CARBUNCLE

Shaped Stones Are Now

THE VOGUE

We Are Cutting Special Link and Other Sets In

EMERALDS, RUBIES, SAPPHIRES, CAT'S-EYES, STAR STONES and all Varieties of Semi-Precious Stones

EN CABOCHON

BUY FROM THE CUTTERS

AMERICAN GEM & PEARL COMPANY

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NEW YORK

LONDON: 16 Holborn Viaduct
PARIS: 39 Rue de Chateaudun

FROM MINES TO MARKET

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Corner Beekman and Nassau Streets

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FRANK H. RICHARDSON, President
JAMES C. BELL, Vice-President
WILLIAM H. ROGERS, Cashier
EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

Boston.

Charles D. Quackenbush has been advanced to the position of head watchmaker for N. G. Wood & Son.

H. W. Vinal, formerly with a leading stationery house in this city, has accepted a position as salesman with John C. Sawyer.

Royal Robbins, treasurer of the Waltham Watch Co., who has been in Europe during the past four months, accompanied by his family, returned last Saturday.

T. Curtis Harriott, office manager in the establishment of his uncle, John Harriott, 3 Winter St., was married Wednesday last at Malden, Mass., and is now on his honeymoon trip to the Berkshires.

John Nelson, for two years with Richard Hills and later with the Smith Patterson Co., has taken a position as salesman with Charles May & Son, in whose employ he first entered the jewelry business five years ago.

Peter Spence, for seven years head of the E. Howard Clock Co.'s repair department, has taken quarters on the seventh floor of the Jewelers' building, and will engage in business as watch and clock repairer to the trade.

The following changes have taken place in the watchmakers' department of Smith Patterson Co.: Ernest Clark resigns to go with Maynard & Potter; Arthur E. Stubbs goes to E. S. Parker's, Woburn; R. Nichols, from F. G. Butler & Co.'s, succeeds Mr. Clark.

The handsome new jewelry store of Maynard & Potter, Inc., at 416 Boylston St., was opened on Monday. Abbott T. Maynard was formerly of the firm of A. Stowell & Co., Inc., and associated with him in the new concern are his son, Alexander P. Maynard, and John A. Potter.

Buyers in town during the week included: A. B. Chapin, Worcester; Mr. Foster, Gloucester; C. W. Ambrose, Natick; J. E. Whiting, Andover; P. Forbes, Greenfield; Mr. Hill, of J. B. Hill & Son, Beverly; B. D. Loring, Plymouth; E. F. Welch, Westboro; F. M. Nichols, Taunton; H. B. Locke, Amesbury, Mass.; Mr. Ross, of Ross Bros., Calais.; J. R. Philbrick, Skowhegan, Me.; W. E. Billings, Milford, N. H.; A. R. Campbell, Morrisville, Vt.; H. E. Smith, Willimantic, Conn.

Harrisburg, Pa.

E. L. Rinkenback is prominent in the movement for the formation of a West End Board of Trade.

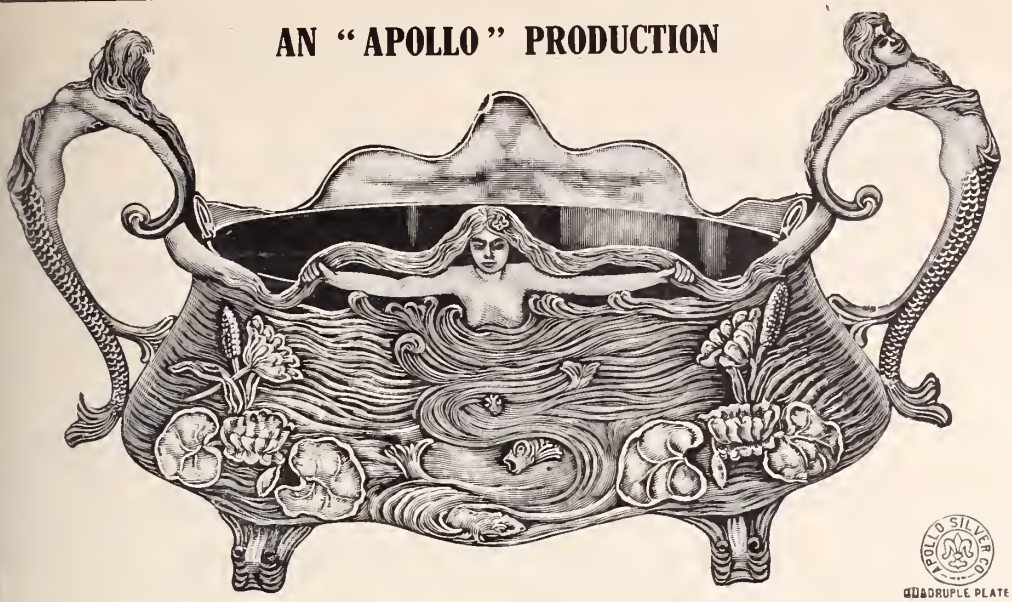
Meyers Bros. & Co. have purchased the stock of W. E. Koch and will continue business at 58 W. Main St., York.

Local jewelers are laying in good stocks of the better class of goods in anticipation of as good, if not better, season than last year.

Peter L. Diener, aged 70 years, father of Peter G. Diener, this city, died last week at his home. Mrs. P. G. Diener has been quite ill from typhoid fever for some weeks.

Chas. H. Shepherd, Cambridge, Idaho, has returned from a business and pleasure trip to Boise City, Idaho.

AN "APOLLO" PRODUCTION



OVAL FERN DISH, No. 1233. List Price, $9.38.

"APOLLO"

SILVER PLATE

AND

"APOLLO" STUDIOS'

"Metal and Glass"

TWO SPLENDID LINES

MADE BY

APOLLO SILVER CO.

BERNARD RICE'S SONS

PROPRIETORS

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APOLLO SILVER CO. QUADRUPLE PLATE

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They will be forwarded to you by *EXPRESS PREPAID.*



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CHICAGO. 153-155 Wabash Ave.

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GORHAM SILVER

OCTOBER WEDDINGS

¶ October is now dividing supremacy with May and June as a wedding month and it therefore behooves the alert jeweler to assure himself that his stock is amply supplied with articles of Gorham Silver suitable for wedding gifts.

¶ At the Gorham Company's Wholesale Department may now be seen a complete line of samples of the newest and most attractive productions, especially designed for the above purpose as well as to meet the usual Fall requirements of the Jewelry Trade for holiday goods.

¶ Despite their exclusiveness of design and unsurpassable workmanship, the prices will be found to compare most favorably with those of wares which merit far less consideration.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.

11 JOHN ST. COR. BROADWAY, NEW YORK.

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Magnificent Silver Loving Cup Presented to Matthew John Whittall. Illustrated on front cover; text on page	46
Recent Decisions by General Appraisers on Jewelry, etc.	45
Exports of Jewelry, etc., from New York	45
Failure of Bank Leads to Suit Against Pittsburg Jewelers	47
Suit Against Hotel for Jewelry Lost or Stolen Settled Out of Court	47
Elsie Bee's Fashions	47
New Labor Conditions and Bad Assortments of Rough Increase the Price of Diamonds.	49
Output of the New Premier Mine	49
Condition of Bankrupt Estate of Schickerling Bros. & Co.	49
Prominent St. Louis Jeweler Robbed	49
Beautiful Clocks, etc., in New Capitol at Harrisburg, Pa.	49
Syndicate Formed to Develop Supposed Diamond Fields	49
Warning Against Swindler Who Uses Raised Money Orders	51
Sculptured Clock Entitled to Free Entry	51
I. H. Benninger Goes into Bankruptcy	51
Proceedings Against Grosse & Kappeler May Be Dropped	51
West Virginia Jeweler Indicted on Creditors' Charges	51
Sol. Urbach Closely Examined in Bankruptcy Proceedings	53
Questions as to Precious Stones Before General Appraisers	53
Jeweler Convicted of Arson Fails to Appear for Sentence	55
C. E. Askins Goes into Bankruptcy	55
Another Diamond Making Experiment	55
Death of Leonard Schurr	55
Death of George Wooley	55
Popular Talks on Law—(Continued)	55
Patent Department	89
A Complicated Clock of Unusual Interest	93
Escapements as Constructed by Various Horologists	95
Watchmaker's Lathe Propelled by a Turbine	97
Filipino Tuition in Horology	101
Atropine Pronounced Dangerous	106
The Medical Teaching of London and Paris	106
Cutting Lens Glasses of Various Shapes and Sizes	107
How the Jeweler Can Meet the Competition of the Mail Order House—(Continued)	108
How a Buffalo Jeweler Disposes of Unclaimed Watches	108
Good Advice for Salesmen—(Concluded)	108
Workshop Notes	111
The Pots and Drinking Vessels of Ancient Greece	113
Imports of Ceramic Ware by British Colonies in South Africa	115
Recent Additions to the Bronze Statuary in the Metropolitan Museum of Art	115
Important Decisions as to the Duty on Marble Altars Claimed to Be Free as Works of Art	117

THE investigation by the treasury agents of the precious stone examiner's department at the Public Stores, New York, will prove a good thing in one way, if in no other. Even if nothing is accomplished, as far as the investigation is concerned, the formal charges against Gen. Mindil, the diamond examiner of the department, have served to bring forth an expression of opinion from the gem trade of New York, which shows not only the popularity of this well known customs officer, but also indicates his ability and the satisfactory way in which this department has been conducted under his administration. A careful investigation by THE CIRCULAR-WEEKLY among the leading precious stone importers of the country, last week, brought to light the fact that not only do these importers unanimously commend Gen. Mindil for his work as a public officer, but nearly everyone expressed regret at the charges, saying that the office of jewelry examiner had never been so fairly, impartially and efficiently administered as in his régime, and that Gen. Mindil personally was responsible for the abolition of many abuses and improper practices that had formerly tended to demoralize the trade of the legitimate and honest importer.

The Truth a Powerful Weapon.

IN the great fight now being waged by the legitimate retail merchants on one hand, and the catalogue houses and department stores on the other, the jeweler is beginning to be an important factor, and unfortunately an important sufferer as well from the competition of this new form of commercial octopus. It is, therefore, not surprising that jewelers, particularly the retailers of small towns and villages, are urging upon their organizations and local bodies the necessity of educating the buying public and exposing clearly the evils that lie in this competition, which affect not only the dealer but the customer as well. It is evident that jewelers are beginning to wake up to the importance of the fight and show this in their advertising and circulars in which they "pound" the catalogue houses in every way possible. This is good work and will accomplish much, provided it is carried on along legitimate lines, but we deeply regret to say that in their enthusiasm many dealers, both in and out of the jewelry trade, are spoiling the effect of their arguments by exaggeration or overstatement of facts, in a way that will be sure to reflect upon themselves.

Facts which tell the truth, and the whole truth, will do great good to the legitimate retail merchant, when properly used; and if the jeweler will stick to these in showing his customers the folly of dealing with his mail order competitors, it will help him and hurt his enemy; but he will weaken his case and help his competitors every time he misrepresents, either by ridicule or seriously, the methods, practices and importance of the houses he is fighting. As is well pointed out in a recent issue of the *General Merchants' Review*, the retailer's best plan is to boom his own business and make it as well known as he possibly can by keeping it continually before the notice of the customer, making all aware that he has the best store for them to patronize, where the finest goods are sold at the lowest price consistent with quality. Educate the customer on the advantages to be gained from "home" trading, and convince him of this by giving him actual examples of the truth of each statement, particularly when dealing with him.

Let the dealer always bear in mind that every falsehood or groundless attack on the mail order houses is so much advertising for them, and does him immediate harm the moment the falsity of the statement is noticed or pointed out. Let him understand that the falsehood will always be pointed out and will be noticed. Above all, let the merchant realize that in this fight to retain or to regain trade lost, he must induce and win (not seek to force or drive) his customers to his store. It is the customers whose tastes and inclinations must be catered to, irrespective of any personal ideas of the merchant, no matter how old or deep rooted they may be. In many cases the merchants must use the same method in winning the customer back as the mail order house had used in taking him away, though, of course, this must always be done within legitimate and honorable lines. The hope, and the only hope of ultimate victory, is in the dealer's ability to convince the buyer, by absolute and irrefutable facts, that his interests as well as the interests of his community lie in patronizing the legitimate retail merchant whose reputation backs his product, instead of the mail order house in the far off city, whose interest in the customer begins and ends with receipt of the purchase price of the merchandise ordered.

LETTERS TO THE EDITOR.

A Word of Thanks from Hon. E. B. Vreeland.

SALAMANCA, N. Y., Sept. 28, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

I find two copies of THE CIRCULAR-WEEKLY on my return from the State convention, containing a very interesting account of the dinner in New York. It was an occasion which I shall always remember with great pleasure, and the credit which it will bring to THE CIRCULAR-WEEKLY among the members of the trade is fully deserved. If you have any extra copies I wish you would send me some. The account is so handsome and interesting that I would like to send a few of the same to my personal friends. With best wishes,

Yours truly,

EDWARD B. VREELAND.

The Sheffield cutlers have been complaining of the fraudulent use of Sheffield trademarks by Canadian manufacturers. A Niagara firm was convicted of this offense some time ago, but, it is complained, it has not acted as a sufficient deterrent. This was probably because the Ontario law did not allow the court to inflict punishment. The matter is to be brought up in the British Parliament during the next session, and it is expected that friendly representations will be made to Ottawa and Toronto. It is hardly expected, however, that the British Government will undertake prosecution of the fraudulent Canadian firms.



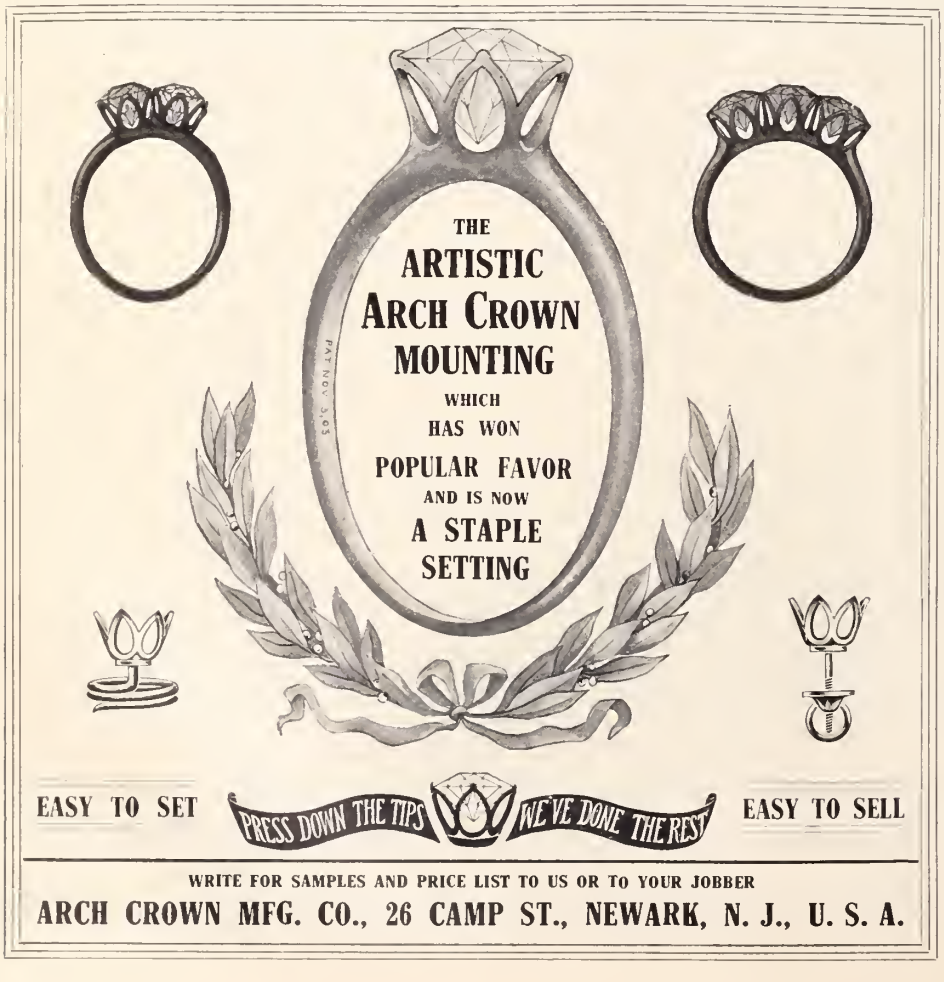
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You don't have to take our word as to the *price* of our diamonds being *low* and the *quality high.* Send for a Memo. package and judge for yourself. Any, thing you want—loose or mounted—sent on request.

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ARCH CROWN MFG. CO., 26 CAMP ST., NEWARK, N. J., U. S. A.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

BALTIMORE, MD., W. C. Korb (J. R. Korb Co.), Gilsey.
BUFFALO, N. Y., C. F. Chouffet, Prince George.
BUTTE, MONT., J. W. Fairfield (Hight & Fairfield Co.), Savoy.
CHICAGO, S. Carson (Carson, Pirie, Scott & Co.), 115 Worth St.
COATESVILLE, PA., I. D. Landis, Astor House.
COLUMBIA, S. C., B. H. Lachicotte (B. H. Lachicotte & Co.), Everett.
COLUMBUS, O., W. G. Smith, Albert.
COOPERSTOWN, N. Y., M. E. Lippitt, Herald Square.
GREENFIELD, MASS., E. H. Hollister, York.
HOUSTON, TEX., J. J. Sweeney (J. J. Sweeney Jewelry Co.), Gilsey.
IRONTON, O., F. A. Bixby, Wolcott.
JACKSONVILLE, FLA., R. J. Riles (R. J. Riles Co.), Herald Square.
JOHNSTOWN, PA., H. Janowitz, Hoffman.
LOS ANGELES, CAL., H. A. Koll (A. Hamburger & Sons), Normandie.
MEMPHIS, TENN., E. L. Burns (Burns-Barry Co.), Wolcott.
MIDDLETOWN, CONN., R. J. Atwell, Grand.
MINNEAPOLIS, MINN., Edward Langen (Powers Mercantile Co.), 214 Church St.
F. O. Williams (W. Donaldson & Co.), Herald Square.
NORTHAMPTON, MASS., F. E. Davis, Murray Hill.
OSWEGO, N. Y., C. Wendell (Jules Wendell & Co.), Wolcott.
OWEGO, N. Y., G. A. Durussel, New Amsterdam.
PLATTSBURG, N. Y., G. F. Tuttle (Tuttle & Parshall Co.), Breslin.
PORT JERVIS, N. Y., H. J. Pippett, Astor House.
PORTSMOUTH, O., A. Zoellner, Navarre.
PROVIDENCE, R. I., R. L. Birtwistle (Shepard Co.), Normandie.
A. J. Ferguson (Callender, McAuslan & Troup Co.), Herald Square.
READING, PA., Miss M. Parvin (Dives, Pomeroy & Stewart), 2 Walker St.
ROANOKE, VA., A. J. Rankin (A. J. Rankin & Co.), Breslin.
SAN FRANCISCO, CAL., L. A. Gracobbi, Woodward.
SELMA, ALA., E. H. Hobbs, St. Denis.
SHREVEPORT, LA., J. B. Hutchinson (Hutchinson Bros.), Park Avenue.
SPRINGFIELD, MASS., G. D. Sleigh (Forbes & Wallace), 2 Walker St.
WASHINGTON, D. C., A. Rosenthal (M. Goldenberg), Grand.
WILKES BARRE, PA., W. F. Newberry (F. M. Kirby & Co.), Imperial.
WORCESTER, MASS., J. Hogan (Denholm & McKay Co.), 2 Walker St.
ZANESVILLE, O., O. A. Bauer (Bauer Bros.), Herald Square.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	New York.	*London.*
Sept. 25	$.68⅜	31 11-16d.
" 26	.68⅜	31 11-16d.
" 27	.67¾	31 7-16d.
" 28	.67⅞	31½d.
" 29	.68⅛	31⅝d.
Oct. 1	.68⅜	31 11-16d.

New York Notes.

A. E. Silberman, representing J. F. Braun, 37 Maiden Lane, visited Philadelphia, Pa., last week.

A safe of cheap jewelry consigned by the Lyon Taylor Co., Iowa City, Ia., to a shoe dealer at 305 Myrtle Ave., Brooklyn, was stolen one night, last week, by burglars.

B. Sinauer, of Oppenheimer Bros. & Veith, returned Monday on the *Zeeland*. August Oppenheimer, of the same firm, returned yesterday on the *Kaiser Wilhelm der Grosse*.

The I. Ollendorf Co. has moved its offices to the eighth floor of 54 Maiden Lane. The new offices are larger than those formerly occupied, and afford better facilities, which are required by the increasing business.

Carl Hertz, a jewelry workman of Middleton St., Brooklyn, who was arrested during the "second fare" troubles on the Brooklyn Rapid Transit lines, was paroled last Wednesday by Magistrate Steers in the Flatbush Court.

Samuel Gilbert, a jeweler at 1813 Third Ave., and his fiancee, Miss Mollie Schwartz, had a quarrel in his store last Wednesday and she drank a quantity of nitric acid, which was on his bench. She was taken to a hospital, where she recovered.

Samuel W. Christine, Washington, N. J., and Miss Nina Creveling were married last week at Trinity Church, Arlington, by the Rev. A. C. Fliedner. The groom was formerly in business at Washington, and is now connected with a New York house.

Several pearl importers were summoned yesterday to the General Appraiser's office to testify as experts in relation to the value of an importation. The customs authorities have not given out as yet the name of the importer who has appealed from the Collector's action in advancing invoice values.

Edmond E. Robert, 3 Maiden Lane, last week received a cablegram from Vacheron & Constantin, for whose watches he is agent in New York, stating that the concern had received a "Grand Prix" at the Milan Exposition, at which their exhibition was one of the most elaborate in the jewelry trade.

Isaac Davidson and Harry Davidson, who were arrested, as related last week, while they were disposing of a quantity of plated chains in a Sixth Ave. pawnshop, have since been released, having satisfied the police at the W. 47th St. station that they owned the chains and that selling jewelry is their business.

It was learned yesterday that Wilson Bryant, who was formerly with Camerden & Forster, and has more recently conducted a store at Saratoga, is a member of a firm which is to open at 400 Fifth Ave., in the store formerly occupied as the New York branch of the Mermod, Jaccard & King Jewelry Co.

Charged with the theft at Milwaukee, Wis., of diamonds valued at $3,000, the police last Wednesday arrested in an apartment at 210 W. 43d St. a man giving his name as Harry C. Brown, who is also said to be known as L. S. Gordon, and his wife. The couple denied the charge, and the man said that he is employed as a chemist in a Maiden Lane house.

Seizing a diamond ring in the store of Mrs. Susan Ryan, 706 Eighth Ave., one night last week, two negroes ran for the street. Rushing after them, Mrs. Ryan caught one of the colored men and held him until a policeman arrived. He gave the name of William Washington. The men, when they entered the store, pretended that they wished to buy a ring.

According to a report coming from Pittsburg, the Chamber of Commerce, in that city, has compiled figures showing that the residents buy in New York a large part of their luxuries as well as necessities, jewelry being prominent in the list. The object of the Pittsburg organization, in preparing its statistics, is to appeal to local pride in order that the money may be spent at home.

M. A. Bollino, 243 E. 32d St., who said that he was a jewelry salesman, was attacked by three thieves last Thursday evening while walking near Fort George with a young woman, who said that she was Mrs. Cornelius Vanderbilt's maid. The robbers tried to take Mr. Bollino's diamond stud and ring, but were frightened away. Three men were afterwards arrested and held each in $1,500 bail.

A petition in bankruptcy was filed, Monday, against the Rest Fenner Smith Co., manufacturers of umbrella handles and canes at 33 Bleecker St., by these creditors: Isaac E. Gates, $2,500; Sidney M. Colgate, $2,500, and L. St. Clair Colby, $1,000, all for money lent. Judge Adams appointed Chas. F. Leiving receiver. The liabilities are $10,000 and assets $5,000. At one time this company sold largely to jewelers.

George Austin, who was arrested, as related in last week's issue, on suspicion that he stole a diamond ring from Chester Billings & Son, 353 Fifth Ave., was discharged last week by Magistrate Breen. The arrest was made by detectives who saw the man on the street and thought that he answered the description of a crook who some months ago had taken a ring from the jewelry store by using the old trick of substitution. The store manager and others, after looking at Austin, said that he was not the man.

E. B. Dana, the California representative of Carter, Howe & Co., has at last had to give up traveling, owing to the condition of his health. He is now in Oakland with his son, and, while not dangerously ill, he is unable to continue his work. It was Mr. Dana's intention to retire from active duty Jan. 1 next. W. A. Brown, one of the eastern representatives of the house, has been sent to the Pacific coast to take up the work. Mr. Dana has represented the house on the coast for 27 years, and there is no doubt he will be greatly missed.

Among the passengers arriving on *La Provence* last Friday was a woman who had a quantity of rings and other jewelry which she did not declare. Inspector Timothy Donahue noticed that the pockets of her small son bulged considerably, and learned that they contained empty jewelry boxes. The woman, who was about to have her baggage transferred to a cab, then admitted that she had rings in her possession and offered to pay the duty, which was fixed at $180. The inspector allowed her to pay the amount and to take the jewelry away, declining to give her name to the reporters.

Instead of the "dummy" clock, a real tower clock has recently been installed in the Hall of Records building, but criticism is heard because of the size of the dials, which seem to the critics too small to be of any service to the public down on the streets. Objection is made that surrounding buildings shut out the view of the dials from a large part of the nearby streets. The defenders of the clock say that the dials are large enough, so that the time may be read by people with clear eyesight, and that although the location of the building does not give the timepiece as much display as could be desired, yet it will be of use to many thousands, especially among Brooklynites going to and from the bridge.

Two judgments amounting to $74,344 were filed last Wednesday against Arthur A. Waterman, the claims growing out of transactions of A. A. Waterman & Co., who were, before the corporation's dissolution, selling agents of the Frazer & Geyer Co., manufacturers of fountain pens at 22 Thames St. One judgment, for $62,890, is in favor of the Frazer & Geyer Co. for goods sold to A. A. Waterman & Co., and the other, for $11,454, was in favor of the estate of W. E. Chapman, Inc., being based on a note of the Frazer & Geyer Co., indorsed by Mr. Waterman. The difficulties began in June of last year, when an execution was obtained against the Frazer & Geyer Co. by its president, Isaac E. Chapman. It was said then that the trouble was due to dissensions among the directors of the companies, as there were practically no debts except to stockholders.

After completing his investigation of the records of General George W. Mindil, as precious stone examiner at the port of New York, Burton Parker, the head of the special agents force of the Treasury Department, returned last Friday to Washington, D. C. Because of the recent absence of Secretary Shaw from the capital it is thought that the decision may not be announced at once. In addition to probing the charges made against General Mindil, it is now said that the department is making further inquiries in relation to the smuggling of precious stones. Attention is again being called to the lack of records in English and other European custom houses in reference to diamonds. In a consular report, published in this paper some time ago, it was declared that the failure of the custom houses abroad to collect and give out full information in relation to the shipments of diamonds was a factor facilitating the surreptitious introduction of the precious stones into the United States.

September was the second month of the present calendar year that did not exceed in the valuation of imports of precious stones and pearls at the Port of New York the high figures of last year. The total for the month just ended was $2,545,757.42, while in September a year ago the total was $3,250,880.32, the decline being $705,122.90. The aggregate for the nine months of the present calendar year is $31,756,137, while for the corresponding months of 1905 the figures were $27,536,474. There is, accordingly, a handsome margin in the gains of the present year, although last year was by far the greatest up to that time, reaching

(*New York Notes continued on page* 71.)







Bigalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York

¶ Weekly shipments from Geneva and Paris are making our line of watches the most attractive ever shown in America. We have an extensive line of unique and exclusive designs in Ladies' Flat Enameled and Decorated Watches. Ladies' Plain Watches in all sizes. Gentlemen's Flat Watches in a vast variety of styles and grades.

SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES.







We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO.**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

New York Notes.

(*Continued from page 69.*)

for the 12 months an aggregate of a little more than $37,000,000. Importers predict that the 12 months of the current year will go considerably higher. Of last month's total, $1,796,911.43 was in precious stones, cut, and pearls, while imports in this class in the corresponding month of last year amounted in value to $2,240,987.68. The uncut stones entering last month were valued at $748,845.99, while in the same month of 1905 the figures were $1,009,892.64.

News of the Optical Trade.

The Columbia Optical Co. has opened a well equipped optical establishment at 1030 Fillmore St., San Francisco, Cal.

L. A. Kerr, optician, has returned to Clarkston, Wash., after having spent a year with Calpini & Co., in Mexico.

H. B. Shellito, Sault Ste. Marie, Mich., has sold his lens grinding plant to Otto Suppe, who will continue the business. Mr. Shellito has gone to California.

Alfred Mignault, an optician, Montreal, fell to the sidewalk in that city, Wednesday, fracturing his skull, which resulted in his death. He was 35 years of age.

Mr. Mathews, optician, for several years engaged in business on N. St. George St., St. Augustine, Fla., died recently at his home there, after a prolonged illness.

Mr. Thamer, until recently manager of the branch store of E. B. Meyrowitz, Inc., in Minneapolis, Minn., has resigned to go into business on his own account in Stamford, Conn. He will have a half interest in the new firm, the style of which will be the Campbell-Thamer Co.

Chas. A. Kalish, formerly an optician in the employ of Charles Rogers & Co., Springfield, Mass., and more recently with the Harvey & Lewis Co., committed suicide, recently, by inhaling illuminating gas. The deceased was a competent workman and popular among his friends and acquaintances.

Song of the Opal.

I AM a bowl of ruddy fire, where lies a whisper of the moon;
I am the ghost of some pale rose that breaks its perfumed heart too soon—
A rift of blue, a snatch of cloud, a garden full of Summer skies,
And changing like a truant flight of restless pilgrim butterflies.
Upon white arms I lie at rest, upon white fingers burn and glow,
As if some master hand had lit my colored fires amid the snow.

—Archie Sullivan in *Appleton's.*

A bench warrant has been issued for Samuel Michels, who, it is alleged, is the head of a band of smugglers who have been smuggling jewelry, etc., into Canada from across the border for several years. It is claimed that most of the stock has been brought into the country by way of Courtright, a small place near Sarnia. Michels was taken into custody a short time ago, but escaped after forfeiting $300 bail.

Pittsburg.

W. J. Johnston, of the W. J. Johnston Co., spent a few days of last week in New York.

Sol Cerf, of Sol Cerf & Co., who was at Atlantic City and the east, has returned to Pittsburg.

J. Alexander Hardy, of the Hardy & Hayes Co., is home from a Fall buying trip to New York.

E. L. Young, Latrobe, Pa., was in Pittsburg last week, and states that he is preparing to move to a new store which he is now fitting up in Latrobe.

Robert Miller, who is on the road for J. C. Crawford, was recently married to Miss Florence Wise, and his friends are congratulating him on the event.

The Fifth Ave. jewelers are complaining about the torn-up condition of the street, which is being repaved, much to the inconvenience of shoppers and the merchants.

The Larney-Barr Co. will move Saturday of this week into their new ground floor store in the Fulton building, at Sixth St. and Duquesne Way. Anthony Larney, of the firm, has just returned from a buying trip to New York.

Local merchants are very much interested in an ordinance which has been introduced in City Councils forbidding them to extend their show cases over eight inches on the sidewalks. Some of the dealers called on the Mayor regarding the matter.

Among the out-of-town merchants who were in Pittsburg last week buying stock were: T. N. Smith, Morgantown; R. A. Noble and Mrs. Noble, Wellsville; J. Linnenbrink, Rochester; George Eckert, Jeanette, and A. Teplitz, McKeesport.

The Pittsburg Chamber of Commerce has entered on a new crusade, and is devising plans to prevent a great many of Pittsburg shoppers from going east to buy goods. Retail merchants have long been complaining about local customers depending on the east for certain articles of jewelry, as well as wearing apparel.

"Jack" Welsh, who several months ago stole two satchels from the Union Station filled with cheap jewelry, was last week sentenced to the penitentiary for 18 months. The grips and contents belonged to an eastern jewelry salesman. In asking for leniency, Welsh told Judge Young, who sentenced him, that he had spent over 30 years in prison, and that he only manifested a desire to steal when he experienced a craving for drink, which had been the cause of his downfall.

Beginning Nov. 1, the Pennsylvania lines west and all railroads in the Central Passenger Association territory, will give travelers a 2½-cent rate and a rate based on the 2-cent law in Ohio while riding through that State. For some time travelers going west from Pittsburg have been buying tickets to the nearest stopping point in Ohio adjoining Pennsylvania, and then paying a cash fare on the train in order to take full advantage of the Ohio rate. The railroads have refused to sell interstate tickets through Ohio based on the Ohio rate, charging the 3 cents a mile, but under the new arrangement this will be obviated. However, well informed travelers going west from Pittsburg will continue to buy to the nearest stopping point in Ohio, and pay cash on the train to Ohio points until the new rates go into effect.

Providence.

The American Ring Co. is now consolidated with the Wm. C. Greene Co.

As a result of an accident Aug. 18 last, in which he claims he was badly hurt about the leg, Clifford Lewis, of East Providence, last week brought suit against the R. L. Griffith & Son Co., manufacturing jewelers, asking $1,000 damages. The plaintiff was employed as a polisher in the Griffith factory at the time of the accident, and was injured by a pulley under a bench.

There have been many expressions of satisfaction over the appointment announced in THE CIRCULAR-WEEKLY last week of J. H. Harmstone as instructor of jewelry designing in the Rhode Island School of Design. Mr. Harmstone is a native of Sheffield, Eng., and before coming to this country obtained his art education at the Sheffield School of Art and the Royal College of Art in London, at the latter of which he was for some time a teacher.

Wm. H. Luther, chairman of the Police Commission, well known in the jewelry trade, was seized with a sudden attack of vertigo as he was leaving the elevator in the Industrial Trust Co.'s building one day last week. He was assisted to the offices of the company by Commissioners Gross and Pierce and restoratives were applied. He was finally taken to his home in a carriage. The attack was produced by intestinal indigestion, from which Mr. Luther has suffered for some time.

New Orleans, La.

A man recently attempted to steal a ring from the store of H. J. Keill, 225 Royal St., while the latter was showing him some jewelry. Mr. Keill fortunately missed the ring in time to grab the thief and hold him until an officer arrived. A search of the prisoner disclosed the missing article secreted in his coat. The man was taken to the Third Precinct police station and locked up on a charge of grand larceny. He gave his name as Hoffman.

The Jewelers' Fraternity of this city celebrated its fourth anniversary with a breakfast at Audubon Park Restaurant, Sunday last. The celebration was well attended and the occasion was in every way enjoyable. The officers of the Fraternity are: Otto Granzin, president; Thos. F. Hall, vice-president; Daniel S. Ramelli, secretary; Alphonse Mandot, financial secretary; Louis D. Fincke, treasurer; Albert Dusse, warden. The Fraternity was organized Sept. 26, 1902, and now has 70 members in the jewelry trade.

Members of the Mask & Wig Club have been notified that their president, Ernest Smith, of C. F. Smith & Sons, Vineland, N. J., was married Sept. 20 to Miss Corena Lush, also of the same place, at Riverside, Cal. Last Fall Mr. Smith, at the annual ceremony of pulling straws, was ordered under the rules of the club either to get married or to give a dinner to all. Now that he has been married, the club must give him and his bride a dinner on their return.

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

REPORT OF THE CONDITION OF
THE MERCANTILE NATIONAL BANK,
at New York City, in the State of New York, at the close of business Sept. 4, 1906:

RESOURCES.

Loans and discounts		$18,058,557.35
Overdrafts, secured and unsecured		910.19
U. S. bonds to secure circulation		1,697,500.00
U.S. bonds to secure U.S. deposits		110,000.00
Other bonds to secure U.S. deposits		200,000.00
Premiums on U. S. bonds		60,712.50
Bonds, securities, etc.		540,904.44
Furniture and fixtures		87,495.36
Other real estate owned		1,632,494.16
Due from National banks		1,129,121.67
Due from State banks and bankers		642,526.79
Checks and other cash items		131,412.33
Exchanges for clearing house		2,728,705.71
Lawful money reserve in bank, viz.:		
Specie	$3,136,447.13	
Legal tender notes	1,060,000.00	
		4,196,447.13
Redemption fund with U.S. Treasurer (5% of circulation)		84,875.00
Due from U. S. Treasurer, other than 5% redemption fund		57,695.20
Total		$31,359,357.74

LIABILITIES.

Capital stock paid in	$3,000,000.00
Surplus fund	3,000,000.00
Undivided profits less expenses and taxes paid	1,648,663.78
National bank notes outstanding	1,542,500.00
Due to other National banks	5,061,507.71
Due to State banks and bankers	2,079,234.33
Due to trust companies and savings banks	2,393,452.50
Dividends unpaid	3,533.50
Individual deposits subject to check	10,691,553.99
Demand certificates of deposit	32,971.03
Certified checks	470,808.34
Cashier's checks outstanding	973,762.37
United States deposits	310,000.00
Bonds borrowed	105,000.00
Reserved for taxes	46,370.19
Total	$31,359,357.74

State of New York, County of New York, *ss.*:
I, JAMES V. LOTT, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief. JAS. V. LOTT, Cashier.
Subscribed and sworn to before me this 7th day of September, 1906.
OLIVER R. MITCHELL, Notary Public.
Correct—Attest:
RICHARD YOUNG,
ABRAHAM STERN,
FRED'K B. SCHENCK,
} Directors.

195 BROADWAY, NEW YORK CITY



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854 INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.

Cutters of

DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL PHILIP NOEL

RUDOLPH NOEL & CO.
IMPORTERS OF
DIAMONDS

2 Tulp Straat, AMSTERDAM 'Phone 1902 John 37-39 Maiden Lane, NEW YORK



WESTERN DEPARTMENT

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago

Vol. LIII. CHICAGO, WEDNESDAY, OCTOBER 3, 1906. No. 9.

Chicago Notes.

Max L. Silverberg has returned from a European trip.

John Cox, of Benj. Allen & Co., has just returned from a vacation.

Charles Kolb, of Charles Kolb & Co., leaves this week for a trip through Iowa.

J. B. Warren, sales manager of the Elgin National Watch Co., is now on a vacation.

B. F. Hirsch recently served for two weeks on a jury before Judge Brentano.

Reuben W. Cohen, representing Geo. H. Cahoone & Co., is back from a western trip.

Theo. Jacobs, of T. Jacobs & Co., has returned from a two months' trip to the coast.

Frank T. Barton, Chicago manager for the Fontneau & Cook Co., is visiting the factory.

A. W. Sproehnle, of Sproehnle & Co., is visiting customers with their eastern salesman.

E. H. Banker, vice-president of the Benedict Mfg. Co., has returned from a trip to the coast.

W. J. Young, of Cole & Young, South Chicago, has returned from an eastern buying trip.

J. H. Hazen, jewelry buyer for the stores of the Chapman Coal Co., has been in the city during the past week.

Charles S. Purdy, of the Judson Emblem Co., has been spending the past two weeks among eastern manufacturers.

F. G. Hipp, silver buyer for Charles E. Graves & Co., is spending his vacation at Romeo, Mich., his former home.

C. R. Pearsall, manager of the J. H. Leyson Co., Salt Lake City, Utah, stopped in Chicago for a few days on his way east.

F. C. Emerson, formerly of the watch department of Lapp & Flershem, will call on the city trade for Rettig, Hess & Madsen.

Charles H. Hulburd, president of the Elgin National Watch Co., recently returned from a two months' trip to Europe.

Adolph Hahn, Durango, Colo., stopped in Chicago a few days on his return home after visiting New York and eastern points.

The scarcity of good watchmakers is evidenced by the fact that one jobber received four telegrams from customers in one day asking for men.

Edmund John, representing the Mauser Mfg. Co., from the Chicago office, has returned to New York to resume his place in the retail store of this company, which he considers more congenial work.

Gottlieb & O'Neil are holding an auction sale of the stock of the I. G. Dillon & Son Co., Wheeling, W. Va. This is one of the most important sales held this year.

C. J. Williams, of A. L. Williams & Co., has just returned from a trip to Denver and the west. A. L. Williams, of the same firm, is now on a trip through Michigan.

The American Horological Society has received an invitation from the South Bend Watch Co. to visit the factory at South Bend, Ind., on Oct. 17. The society will leave over the Lake Shore Railroad from the La Salle Depot at 8.30 A. M., and will leave South Bend for Chicago at 6.53 P. M.

Henry Paulson & Co. have opened a branch store at San Francisco. This store will be in charge of Ben Couchman, who was formerly connected with the firm of Armer & Wienshenk, which concern did not return to business after the fire. Henry Paulson will go to San Francisco for a few days until the business is running smoothly.

The following buyers aside from those mentioned elsewhere were in town during the past week: Mr. Curran, of Curran Bros., Morning Sun, Ia.; F. E. Holsten, Alliance, Nebr.; D. D. Williams, Emporia, Kans.; F. E. Sandwall, South Omaha, Nebr.; C. A. Clement, Springfield, Mo.; Albert Schuette, Schuette Bros., Manitowoc, Wis.; J. C. Mahon, Aurora, Ill.; R. C. Davy, DeKalb, Ill.; Lucas Hermann, of J. Hermann, Calumet, Mich.; T. J. Thompson, Barron, Wis.; I. L. Pascal, Pine Bluff, Ark.; Wm. Keulman, Antioch, Ill.; G. F. Schmermund, Grecneville, O.; George W. Flanders, Three Rivers, Mich.; Mr. and Mrs. T. P. Owen, York, Nebr.; Mr. Hall, of Hall & Sayles, Janesville, Wis.; W. R. Smith, Geneva, Ill.; N. C. Anderson and wife, Fargo, N. Dak.; S. Dach, Fremont, O.; M. Krome, Milwaukee, Wis.; F. W. Hinrichs, Kalamazoo, Mich.; Edward H. Clopper, Polo, Ill.

Donald McKay, with the R. S. & J. D. Patterson Co., Port Huron, Mich., was held up and robbed of a diamond ring worth $250 and $25 in cash one night recently. An hour later three men suspected of the crime, who gave their names as Henry Hall, Chadwick and David Roberts, respectively, were taken into custody.

Detroit.

Walter Drew, who was arrested in Cleveland, O., and brought here on suspicion of having been implicated in the robbery of Roehm & Son's store, at 184 Woodward Ave., Aug. 20 last, has admitted his guilt. Drew says he boosted Frank Barry through a transom. The burglars secured $400 worth of booty. Barry was arrested in Cleveland three days after the crime. Drew is 29 years old.

Plans have been prepared for the erection at Cheboygan, Mich., of a $75,000 plant for the manufacture of pottery. A valuable deposit of clay has been discovered there and a local syndicate, headed by Dr. A. M. Gerow, is seeking to interest outside capital in the project. The supply of clay, which is said to be abundant, is now controlled by the organization. It lies on the bank of Pigeon River, a short distance from two railroads. An advantage which, it is claimed, will count in competition lies in the fact that only one firing is required.

The exhibition of what is claimed to be the largest photograph ever taken of Niagara Falls has aroused considerable discussion and criticism among photographers here. Some of them assert that it must be a number of pictures so cleverly blended as to deceive the eye. The photograph, which is on view in the window of the L. Black Co.'s optical store, 156 Woodward Ave., is 16 inches wide and 120 inches long. It was taken with a Cirkut camera on a continuous film, and is printed on double-weight Velox paper. The scene overlooks the American and Horseshoe falls and Goat Island. The picture is remarkably clear and distinct, even a rainbow being discernible. The camera with which the photograph was taken is so arranged as to cover a complete circle. Next week the picture will be taken to New York for exhibition.

An epitaph inscribed upon the marble slab over the grave of Thial Clark, Hornellsville, N. Y., who died a short time ago, was written by himself, and is as follows: "In memory of Thial Clark, the jeweler, who has quit running, but is wound up in hopes of being taken in by the Supreme Grand Master Mechanic for repairs and adjusted and set running again in the world to come. So mote be."

To the Jobbing Trade

They Say

THE SHIMAN STANDARD

of manufacture is the best

WHY NOT TRY IT?

Diamond Bunch Rings

Sold on a Loose Diamond Basis, and

Staple Diamond Mountings of Every Description



SHIMAN BROS & CO.

87 MAIDEN LANE, N.Y.

LONDON: 50 HOLBORN VIADUCT.

AMSTERDAM: 2 TULP STRAAT.

FACTORY,
1,3,5 GOLD STREET.



San Francisco.

TRADE CONDITIONS.

Business is still very brisk, last week having been the best since the fire. This, of course, is largely due to the reaction from the almost disastrous effects of the recent street car strike, when business in general was seriously hampered. A period of unusually beautiful weather, which brought out a large crowd of shoppers, also did much to make the week a busy one. Money is now very plentiful in this city. Insurance is being rapidly paid, more than $100,000,000 having already been dispensed. Labor has never before been so fully employed nor at such high wages as at present. Business in other lines is also very heavy, and it is only the lack of storage facilities that prevents San Francisco from doing a larger business than before the fire. Salesmen, representing the local jewelry jobbing trade, who are now out on the road, are sending in some of the largest orders ever secured at this season of the year. Jobbers are preparing to care for the largest trade they have ever handled. As time passes it is becoming evident that the fire has had the effect of driving many jewelers into other lines or into the smaller towns of the coast, and this has left the larger stores which have held their places in a stronger position than before. The jeweler who has the capital or the good fortune to secure a good location on Van Ness Ave., or Fillmore St. is assured a high class trade, but if compelled to locate elsewhere, unless his name be well established, he is apt to secure only a limited patronage. About all of the "neighborhood" stores have been swept away and buyers are naturally turning to the well known names in the trade.

John McCarthy, formerly located at 50 Geary St., has opened a store at 2715 Folsom St.

The Central Loan Co., of which Aaron Heringhi is the head, has opened a store at 1660 Stockton St., near Fillmore.

E. H. Schad, formerly of Miller & Schad, San Francisco, has started a manufacturing jewelry business in San Jose, Cal.

John Kocher, of Rudolph Kocher & Son, San Jose, is now away on a short vacation, getting rested for the activities of the Fall.

The Mutual Loan Office has opened an office on Golden Gate Ave., near Buchanan St., with a line of new and second-hand jewelry.

G. E. Bangle, Vallejo, and Mr. Sterm, Benicia, both prominent in the trade, have been in this city visiting the jobbing trade, during the past week.

Osgood & Ball, San Jose, have been making a number of important alterations in their establishment, and now have one of the most modern stores in that section.

The Gem Jewelry Co., successor to the pawn broking department of the Portland Jewelry Co., formerly at 25 Stockton St., has opened a store on Market St., near Powell St.

A. Hirschman, one of San Francisco's old-time jewelers, who, before the fire, had an attractive store in the Mutual Savings Bank building, has secured a location on Van Ness Ave., and is now busy fitting up a store.

Word has reached San Francisco that the Pala Chief gem mines, in San Diego County, owned by Frank A. Salmons, San Diego, have been robbed. It is not yet known how large a quantity of gems was taken. A reward of $250 has been offered for the apprehension of the thieves.

A bold attempt was made, last week, by a confidence swindler to rob Thomas H. Ryland, a traveling jeweler from New York. Mr. Ryland gave the checks for his baggage to a man who represented himself to be an agent for the "Daylight Transfer Co.," and went to his hotel to await his trunks. Growing impatient, however, he made inquiries and found that there was no such company in the city as the "Daylight Transfer Co." The jeweler then hastened to the baggage office and was happy to find that he was ahead of the would-be thief. The latter, however, must have taken alarm as he did not put in an appearance and was not caught.

Kansas City

S. J. Huey, Excelsior Springs, Mo., was in this city several days of last week.

A. G. Wahlenmaier, optician, formerly located with Gurney & Ware, is again to be found with that firm.

L. Weixelbaum has added another room to his factory in the Missouri building, giving him three rooms.

William Kassel has opened a new store in the Walnut St. entrance to the Ridge building, at 912 Walnut St.

C. P. Kionka, of Kionka & Kionka, is now reported to be on his way home from a visit to northern customers.

D. C. Burchett, Kirksville, Mo., has just returned home from this city after completing a course in engraving.

A. Marks, Lawrence, Kans., who has been engaged in business at that point for about 50 years, was a visitor in this city last week.

C. H. Mogle, Winfield, Kans., has returned home after completing a short course in engraving at the Kansas City Polytechnic Institute.

The Hassig & Krieke Jewelry Co. has moved its manufacturing plant into new quarters on Grand Ave. The removal did not interfere with the work of the shop.

The Jones Dry Goods Co., which owns a big department store here, with a large jewelry department, is about to begin the construction of a large addition on Walnut St.

J. T. Treviston, of the Kansas City Watch Case & Jewelry Mfg. Co., is again enjoying the comforts of home life, Mrs. Treviston having returned from a visit of a couple of months to relatives in Trenton, Mo.

Most of the traveling men of both the C. B. Norton Jewelry Co. and the Edwards & Sloane Jewelry Co. will be in this city next week, to assist in taking care of the crowds of visitors who are expected on account of carnival week.

The following new pupils have been enrolled at the Kansas City Polytechnic Institute: W. T. Oakley, Ottawa, Kan.; E. R. Cary, Kansas City, Mo.; Clarence Thrower, Dexter, Mo.; J. E. Campbell, Oskaloosa, Kans.; John Mays, Kansas City, Mo.; Frank Fosanmyer, Kansas City, Kans.; and O. J. Vail, Kansas City, Mo.

Dr. S. W. Lane, president of the Southwestern Optical College, reports having just turned out a class of 15 graduates, most of whom are about to engage in business for themselves. The following new pupils have enrolled at this school: Mrs. Pearl M. Love, Perry, Okla.; James E. Campbell, Kansas City, Mo., and C. J. Thrower, of Dexter, Mo.

The Edwards & Sloane Jewelry Co., always on the outlook for some new way of appealing to its customers, has just issued a "vest pocket guide" for the Kansas City Carnival, giving the list of happenings and dates, also a list of the opera houses and the plays to be seen at each, and the leading hotels. It should be ready reference for all visitors next week.

The following out-of-town jewelers called on the local trade last week: C. L. Evington, Richland, Mo.; H. O. Woodbury, Olathe, Kans.; J. B. Hampton, Colby, Kans.; A. Marks, Lawrence, Kans.; Morris Cohn, of Cohn Bros., Cripple Creek, Colo.; Ross R. Day, Chase, Kans.; E. Freeman, Paola, Kans.; Vern. Powell, Fort Scott, Kans.; Otto Burkland, Osawatomie, Kans.; P. H. Young, Dodge City, Kans.; Geo. A. Young, Moberly, Mo.; A. Y. Boswell,

Omaha.

A. B. Hubermann has returned from an extensive trip abroad.

Fritz E. Sandwall, South Omaha, is now in Chicago, on business.

W. H. Whittington, Canoe City, Colo., has taken a position with Henry Copley, as watchmaker.

C. A. Tucker, Lincoln, Nebr., was in this city, last week, replenishing stock and visiting old friends.

C. E. Frederick, Waterloo, Ia., was here, last week, calling on old friends and taking in "Ak-Sar-Ben."

T. L. Combs and C. L. Shook attended the meeting of Shriners, held in Des Moines, Ia., last week.

Carl Jurgenson, a young man from Iowa, called at Fred Brodegaard & Co.'s store, one day last week, and passed a forged check for $120. Mr. Brodegaard knew the man, and immediately sent word to his father, who sent back the amount due to Mr. Brodegaard.

The following out-of-town jewelers were in this city, last week, replenishing their stocks: J. A. Reuling, Wymore; Ed. Ingham, Colridge; Harry Dixon, North Platte; Chas. Pohle, Hartington; F. E. Holsten, Alliance; Clarence Vail, Arlington; C. A. Tucker, Lincoln; Messrs. Pedley and Scranton, Bertrand; F. A. East, Massena, Ia.; John Albright, David City; O. F. Nelson, Harlan; Chas. A. Pratt, Helena, Mont.; Charles Osborne, Casper, Wyo.

Columbus, O.

Charles C. Oger is at Mount Carmel Hospital, where he has undergone a second operation for blood poisoning. His condition is not considered serious.

The business of F. R. Cross, whose death occurred recently, will be conducted by his widow and his father. It will still be run under the firm name of F. R. Cross & Co.

The Columbus Optical Club had a banquet in the ordinary of the Great Southern Hotel last week, and afterward listened to an address by Prof. Rogers, of Chicago, on "The Muscular Apparatus of the Eye."

The town of Jellico, Ky., just across the Tennessee border, was almost entirely destroyed on the morning of Sept. 21, when a car of dynamite exploded, killing 12 persons and seriously injuring 50. Among the heavy property losers are T. Peace and Isaac Sharp, jewelers of that place.



We are now located in our new quarters

STAR BUILDING
OLIVE STREET AT TWELFTH

We extend an invitation to our friends and patrons to visit us and inspect our magnificent offices, salesrooms, and modernly equipped factory

Our facilities for efficient service are unsurpassed

EISENSTADT MANUFACTURING COMPANY
SAINT LOUIS, U.S.A.

St. Louis.

S. A. Newman is remodeling and enlarging his store.

Theodore F. Gerlach has returned from a very successful fishing trip on the Gasconade river.

Joseph Mazer, South McAlester, Ind. T., stopped off in St. Louis last week on his way home after a trip east.

J. C. Bigalke, of Bigalke & Eckert Co., New York, has just returned from a trip abroad. He was in this city last week.

Reports from Hot Springs, Ark., are to the effect that M. M. Schinderman, of the traveling force of the L. Bauman Jewelry Co., is improving rapidly.

Paul E. Pautler, vice-president of the Brooks Jewelry & Optical Co., is expected back Monday after a successful trip extending as far southwest as Texas.

Walter Lauman, with the Mermod, Jaccard & King Jewelry Co., has gone to Hot Springs, Ark., with a line of fine goods to take care of special trade at that resort.

Ed. Moore, proprietor of the Pecos Valley Drug & Jewelry Co., Roswell, N. Mex., spent several days of last week in St. Louis, buying goods, and proceeded to Kansas City.

Alvin L. Bauman, president of the L. Bauman Jewelry Co., went to Chicago on a business trip last week. C. L. Stange, who travels in Missouri and Illinois for that firm, is in replenishing his stock.

Jacob Rosenbloom, an itinerant vender of jewelry, was held up and robbed by two men in a hallway at 108 S. 8th St., this city, last week. The thieves took a gold watch and fob valued at $100 and $21 in cash.

John W. Poe, who has been a resident of St. Louis for the last 30 years, and who has been connected with various concerns in the jewelry trade, has left the employ of Loftis Bros. & Co., Carleton building, and is now with J. F. Dailey & Co., 6th St. and Washington Ave.

Among the out-of-town jewelers who were purchasing goods in the local markets last week were: J. C. Vines, Bessemer, Ala.; C. A. Clement, Springfield, Mo.; W. I. Grob, Belleville, Ill.; George C. Carroll, Verden, Ill.; W. H. John, Pacific, Mo.; J. W. Hansen, Princeton, Ind.; H. C. Watts, Forrest, Ill.

James Young, a negro, was arrested, about a week ago, at the corner of 9th St. and Washington Ave., in this city, for selling bogus jewelry. When taken into custody, Young was trying to secure $28 for a stud whose intrinsic value was about 50 cents. He had in his possession a box filled with similar studs and cheap rings.

F. A. Henninger has disposed of his interests in the firm of Henninger & Wheeler, Columbia, Mo., to his partner, Claude Wheeler, who will continue the business. Mr. Henninger, who was in St. Louis last week, states that he will engage in the jewelry business again, and is now looking for a suitable location. From this city he went to Jackson, Mo.

William A. Gill has just realized one of the largest and quickest returns on a real estate investment in the history of St. Louis. After holding the lease on a little four-story building at the southwest corner of 7th and Olive Sts. for five years, he has sold his rights in the remainder of the term of 99 years to a group of capitalists for $160,000. Added to the $30,000 clear profits in rents for five years, his profit is $190,000. Mr. Gill had to put up no cash, and the only investment he made was security for a $15,000 bond.

Pacific Northwest.

F. E. White, Harrington, Wash., has discontinued business.

Geo. H. Smith, Puyallup, Wash., has added music to his jewelry stock.

A. L. Heinrich has purchased the business of J. R. Langdon, Ferndale, Wash.

Mr. Smith is fitting up a new establishment on the east side of 11th St., Astoria, Ore.

R. A. Whalen, Raymond, Wash., has sold his store to S. W. Sturdevant, South Bend, Wash.

A. L. Thomas, a lapidary and jeweler, Newport, Ore., has bought a business lot at that place on which he will shortly erect a store.

H. L. Dodge is remodeling his store at Anacortes, Wash., and installing a manufacturing plant. An engine, stone cutting and lens grinding machine, and other appliances, together with the necessary shafting, motors, etc., are being put in.

Leffert & Goodman have opened a first-class jewelry and optical establishment at 272 Washington St., Portland, Ore. Herman M. Leffert, one of the partners, is well known in the trade, having been engaged in business for several years in Council Bluffs, Ia.

A well dressed man and woman recently entered the store of C. McCutchin, 3419 Fremont Ave., Seattle, Wash., and while the woman engaged the clerk in conversation in the rear of the store, the man rifled a small jewelry show case in the front part of the establishment. The stock, which was missed shortly after the couple left the store, is valued at about $50. The proprietor notified the police by telephone, but the fugitives had made their escape.

Minneapolis and St. Paul.

Charles Olson, Minneapolis, returned last week from his tour abroad.

A show window in the store of W. M. Stone, Minneapolis, was accidentally smashed by a wagon which was driven against it recently.

Thieves recently made an unsuccessful attempt to break into the retail jewelry store of C. Bergquist & Co., 104 S. 3d St., Minneapolis. A window was found broken, but nothing in the store was missing.

C. F. E. Peterson, formerly of South Minneapolis, stood well up in the vote for Republican nomination for member of the Park Commission. He was one of the four nominated, and was second on the list in the order of votes received.

The Geneva Optical Co. has opened a northwestern branch on the fourth floor of the Northwestern building, 322 Hennepin Ave., Minneapolis. Percy M. Smith, Chicago, has charge of the branch, which is fully equipped with a complete stock and a grinding department.

Pacific Coast Notes.

W. J. Mitchell, Holtville, Cal., has returned from a vacation.

A. H. New, Nogales, Ariz., has removed to Los Angeles, where he will hereafter reside.

D. A. Reid, Vacaville, Cal., will vacate the store now occupied by him, and will be succeeded by M. P. Haney.

James Broadus, with C. M. Henkel, Bisbee, Ariz., has left for the coast, and will be absent about three months.

The stock of jewelry and the accounts and furniture included in the estate of Frances Waters, deceased, Sacramento, Cal., have been appraised at $2,564.

At the California State Fair, which has just closed, in Sacramento, James A. Jasper was awarded the first prize and a gold medal for the best display of California precious stones, crystallized fossils and quartz.

Detective W. W. Freeman, formerly Chief of the Pasadena Police, and now head of a private agency, has arrested Emma Howard, alias Emma Stokes, at Stockton, Cal., for the theft of diamonds valued at more than $5,000, from Henry Briggs, Pasadena.

Cleveland.

Earl J. G. Lovett, formerly of Willoughby, and now at Titusville, Pa., visited the wholesale houses here Saturday.

Workmen are busily engaged on the new room of Bamberger & Gaines on Euclid Ave., and it is hoped that it will be ready for occupancy within 10 days at farthest.

The store of the Bergman Jewelry Co., Prospect Ave. and Sheriff St., has been completely remodeled and fitted with new display windows. It now presents a very pleasing appearance.

William J. Davies, of the Sigler Bros. Co.; Al. Bruner, of the Bruner Bros. Co., and L. W. Hirshman, manufacturing jeweler, attended the State conclave of the Knights Templar at Toledo last week.

Among the out-of-town jewelers in the city within the past week were the following: Harry Downs, Bellevue; G. J. Gilger, Norwalk; C. R. Bickford, Elyria; A. O. Wright, Berea; H. S. Sumner, Akron; W. P. Hanna, New Castle, Pa.; W. P. Carruthers, Oberlin; Samuel T. Kopf, Hillsville, Pa., J. W. Kirk, Adrian, Mich., and A. B. Kurtz, Connellsville, Pa.

Montgomery, Ala.

C. L. Ruth, of this city, accompanied by his family, is at present visiting New York and vicinity.

Among the visitors from Mobile detained here last week because of the heavy hurricane and storm that has been working such ruin throughout the Southern States was Maj. E. O. Zadek, a leading jeweler of the Gulf City, and one of its popular citizens. Maj. Zadek was on his return from New York, when he learned in Montgomery that he had been one of the heavy property losers of the city. Owing to the stoppage of all telegraphic communications the major was very much concerned over the conditions of his friends and neighbors, and his total inability to be of any avail because of the torn-up railroad tracks.

Maintenance of High Quality

Will Lead You to Success

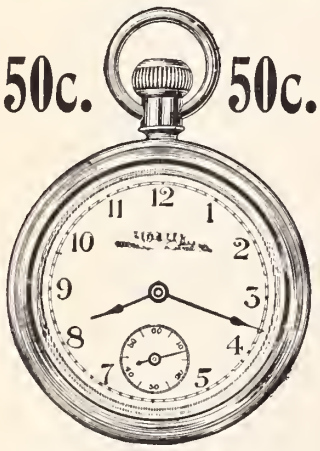
Buy your Holiday Goods from our carefully selected line of

DIAMONDS, WATCHES, JEWELRY

LINDENBERG, STRAUSS & CO.

CINCINNATI, O.

50c. 50c.



Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....**50c**
In lots of 50, each.....**49½c**

Freedom Oxidized—Same as above in black gun metal case, each.....**5c**
In lots of 50, each.....**51c**

Freedom Gilt—Same as above in 14k gold plated case, each.....**55c**
In lots of 50, each.....**51c**

To Push Business

DURING OCTOBER

These watches displayed prominently in your window with a legitimate profit attached, will draw trade to other lines, and put renewed life and vigor into your business.

ORDER NOW

We carry everything pertaining to the Watch and Jewelry line.

WATCHES, DIAMONDS, OPTICAL GOODS, JEWELRY, ETC.

Write for our illustrated Bargain Catalogue No. 58, just off the press, mailed to the legitimate Jewelry Trade on application only.

HOLSMAN & ALTER

Wholesale Jewelers

176-178-180 E. Madison Street Chicago, Ill.

55c. 55c.



H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...**55c**
In lots of 50, each.....**54½c**

Nubian Oxidized—Same as above in black gun metal case, each **60c**
In lots of 50, each **59c**

H. & A. Special Gilt—Same as above in 14k gold plated case, each **60c**
In lots of 50, each **59c**

Rockford Watches Speak for Themselves.

Cincinnati.

B. S. Newman, of Frohman & Co., leaves this week on his southern trip.

W. H. Mueller, Stanford, Ky., was a visitor in this city the past week.

A. Schemmel, upper Vine St., has returned from a visit to Greensburg, Ind.

W. C. Ward, formerly in business at Winchester, Ky., has opened a store in Michigan.

B. Zimmerman and his bride, Bainbridge, O., visited Cincinnati while on their wedding tour, last week.

Edgar Fox, of Lindenberg & Fox, is back from the north. H. Lindenberg, of this firm, has gone on his southern trip, and C. B. Goldsmith left for the west in the interest of this house.

The former firm of Bowen & Simpson, Winchester, Ky., is now Simpson & Whitehead. Mr. Whitehead, who was formerly with W. B. George, Frankfort, Ky., has bought out the Bowen interest.

The marriage of Miss Florence Owen, daughter of William Owen, and Lester Du Pont Collier, will take place to-day and is expected to be a brilliant affair.

The Gustave Fox Co. has enlarged its factory quite extensively and is employing 40 hands. The company has just completed a large order of diamond and ruby badges for the Boston Elk lodge. Milford H. Fox, son of Gustave Fox, has been made city salesman for the house.

Mrs. Helen G. Mayr, formerly of Cincinnati, has filed replevin proceedings against her husband, George Mayr, who is connected with the firm of Frank Mayr & Sons Co., to recover wedding presents valued at $2,500 which she claims the firm is trying to sell. Mr. and Mrs. Mayr were married last June and separated in July.

Joseph Phillips, manager of the Sterling Glass Co., has purchased the interest of M. D. Geigerman, a member of the concern, Mr. Geigerman having become connected with an eastern silk house. Clarence Lauer, formerly of Stern, Lauer, Shohl & Co., Cincinnati, will succeed Mr. Geigerman, Oct 1. By Nov. 1 the company expects to employ 250 hands, making it one of the largest concerns of the kind in the country.

Out-of-town dealers here during the past week buying stock included: C. C. Breese, McMinnville, Tenn.; William Leive, Aurora, Ind.; M. Greenwold, Parkersburg, W. Va.; C. K. Weaver, Miamisburg, O.; J. H. Drake, Lebanon, O.; A. Boiarsky, Charleston, W. Va.; J. W. Shirley, Bloomfield, Ky.; Mr. Shirley, Taylorsville, Ky.; C. A. Gossard, Washington Court House, O.; G. F. Gallup, Catlettsburg, Ky.; O. B. Schmidt, Tiffin, O.; Mr. Douglas, of Watkins & Douglas, Elizabethtown, Ky.; J. F. Carr, Portsmouth, O.; Mrs. S. E. Barlow, Georgetown, Ky.

Theodore Knoop, Cohoes, N. Y., was recently the recipient of a letter mailed from Barcelona, Spain, Aug. 8, the object of which was the securing of money by false representation. A subsequent letter was received from the Spanish consul warning the jeweler against a band of swindlers who had been operating in various cities throughout Spain for some time past.

A Quick Selling Novelty

FOR FALL AND HOLIDAY TRADE



BOTTLE OPENERS

IN STERLING SILVER, SILVER PLATE, BUCK HORN, ETC.

The convenience and cleanliness of this form of bottling having brought it into general use, these openers will be appreciated for the table. SEND FOR CATALOGUE.

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WM. B. DURGIN COMPANY

Silversmiths

Concord, New Hampshire 320 Fifth Avenue, NEW YORK

Established 1855.

ADAMS & SINGLETON,

Successors to BROOKS & PIKE,

Manufacturers of

Fine Diamond Mountings.

Special Attention Given to Order Work.

364 Washington Street, Boston, Mass.



M. L. Landis
Proprietor and Instructor.

Landis School of Engraving

NEW SYSTEM OF TEACHING

Each pupil is given personal instruction. If you wish to take a Course this Fall, please WRITE US AT ONCE and we will assign and hold a place for you.

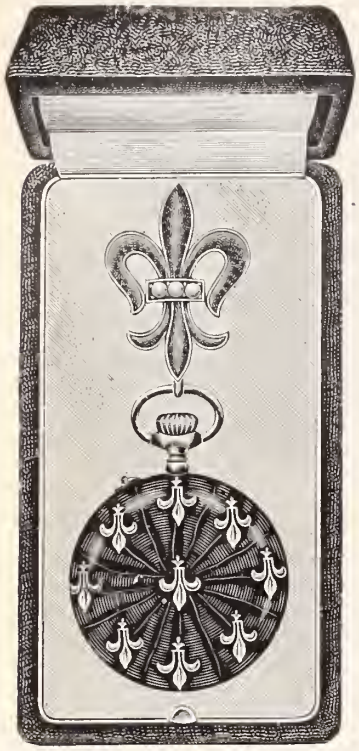
We do not accept more than twelve pupils at one time, devoting our entire time to their personal Instruction and Advancement.

We are the founders of a New System in the Art of Cutting and Designing, which enables a pupil, not endowed with artistic skill, to learn to make perfect letters.

Write us, and we will give you an idea of what you could accomplish by taking a Course with us.

M. L. LANDIS, 119 Mt. Vernon Avenue, Detroit, Mich.

L. A. EPPENSTEIN & CO., 133 Wabash Ave., CHICAGO, ILL.



2717 Open face, enameled silver chatelaine, red, blue, green and turquoise, gold plated centers, bows, and crowns, decorated with gold inlaid assorted designs, enamel chatelaine pin, plush, satin lined box. **$3.40**

This quotation includes watch, enameled pin and plush box.



2785 14 Karat Solid Gold..... **$9.50**
2786 9 Karat Solid Gold..... **8.00**

Solid gold hunting, plain polish, white porcelain dial, good quality cylinder movement.

Price includes solid gold hunting watch, plain rolled gold chatelaine pin and plush box.

THE MONEY SAVER

Under this title we have published

THE FIFTH EDITION OF

OUR CATALOGUE

This is, without question, the most complete book of its kind.

It is devoted to illustrations of watches generally, but more particularly to **unique horological novelties.**

Prominent among the unusual are illustrations of

Octagon, Square, Triangle, Automatic, Alarm, Visible Balance, Pendulum, 8-Day and 10-Day Watches.

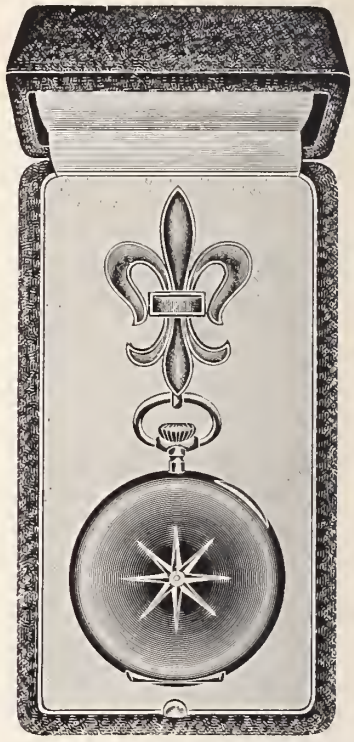
A complete line of Horse Timers, Repeaters, Chronographs, and Split Seconds. Solid Gold, Silver, Enameled and Gun Metal Chatelaines.

This Book Worth Many Dollars

MAY BE HAD FOR THE ASKING.

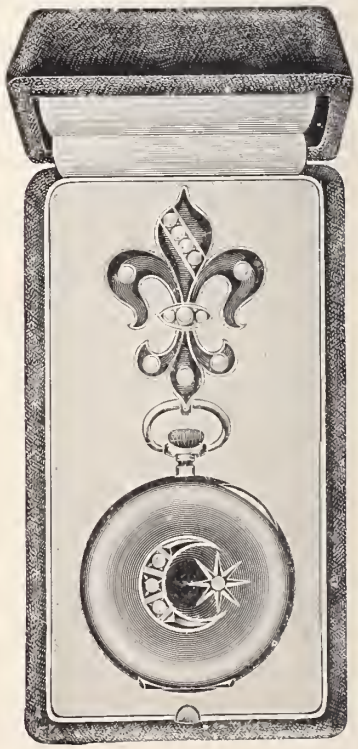
MAIL YOUR REQUEST TO-DAY.

L. A. Eppenstein & Co.
133 Wabash Ave. CHICAGO, ILL.



2765 14 Karat Solid Gold..... **$12.75**
2766 9 Karat Solid Gold..... **8.25**

Solid gold open face chatelaine, plain or satin finish, set with genuine rose diamond, nickel cylinder movement, good quality rolled gold chatelaine pin, silk plush, satin lined box.



2773 14 Karat Solid Gold..... **$14.00**
2774 9 Karat Solid Gold..... **9.50**

Solid gold, open face chatelaine, plain or satin finish, set with 4 genuine rose diamonds, nickel cylinder movement, good quality. Colored enameled chatelaine pin, silk plush, satin lined box.

ALL THESE PRICES SUBJECT TO 6 PER CENT. DISCOUNT

Canada Notes.

A portion of the stock of E. Wagner, Vancouver, B. C., has been sold to Morris Plant.

James Vick, Owen Sound, Ont., has given a renewal chattel mortgage to H. T. Clegg for $628.

The Goldsmiths Stock Co., of Canada, has issued execution against L. Lightstone, Montreal, for $427.

W. J. Mitchell has taken a position as traveling representative for the Toronto Jewelry Supply Co., Toronto, Ont.

During the recent big fire at Wales, Ont., T. R. Fetterly suffered a loss by damage in removing his goods. It was covered by insurance.

Herbert B. Kent, of B. & H. B. Kent, Toronto, Ont., is receiving the congratulations of his friends, on account of the birth, on Wednesday, of a son.

Lorne Dougher has purchased the business of George A. Richardson, Dunnville, Ont. Mr. Richardson has given up the jewelry trade to engage in oil manufacturing, at Berlin, Ont.

Mr. Webster's jewelry store, at Durham, Ont., was broken into on the morning of Saturday, Sept. 22, and about $1,500 worth of goods were stolen, including diamonds valued at $700. A reward of $100 is offered by Mr. Webster, for the arrest of the burglars.

Out-of-town buyers, calling on the Toronto, Ont., trade, last week, included: F. H. Nettleton, Collingwood, Ont.; Charles Wendt, Mildmay, Ont.; W. E. Kelly, Goderich, Ont.; N. McLeod, Cannington, Ont.; F. Clarke, Peterborough, Ont.; J. H. Hastings, Brantford, Ont., and J. G. Collinson, Dundas, Ont.

W. J. Grant, who arrived at Montreal on the *Virginian*, recently, and who is the representative of Holton & Co., of London, Eng., and other well-known jewelry and silverware manufacturers, overlooked certain formalities in declaring all the goods he had with him as samples to the Customs officials, and as a result $10,000 worth of samples of fine silver and plated ware have been seized. The amount of duty still collectible is $1,000, and it is expected the samples will be returned on payment of the duty.

In view of the fact that a new tariff is to be introduced at the coming session of the Canadian parliament, and that duties on United States jewelry may be raised sufficiently high to induce United States manufacturers to open branch establishments in Canada, as some silver manufacturers have already done, a letter, which the Hemming Mfg. Co. has addressed to the Montreal City Council, will doubtless be read with interest. The firm complains that as manufacturers, who have moved from Toronto to Montreal, it finds expenses far greater in the latter city, so far as rent, power, light, water, labor and the purchase of small supplies are concerned, and, indeed, everything but the tax on real estate. These heavier expenses Messrs. Hemming find so onerous that they would remove from the city limits and probably return to Toronto or go to Hamilton if they had not spent so much in establishing themselves in Montreal. Messrs. Hemming declare that unless things are altered, it is only a matter of time when the other cities of the Dominion will rob Montreal of many of her industries.

J. S. Larke, Canadian commercial agent at Sydney, Australia, in a report to the Trade and Commerce Department at Ottawa, reviewing the trade of Australia for 1905, writes as follows regarding plated ware: "The importations of plated ware in 1905 amounted to £153,760. There has been a steady increase during the last three years. The bulk of the trade belongs to the United Kingdom. Her supplies amounted to £129,099 as against £4,152 from Germany and £17,381 from the United States. Canada, in the returns, is credited with £256, which, as shown in the table of origin, is much below the amount actually sent. Canadian manufacturers have made persistent efforts to get into the market, but they have been confronted with two difficulties. Large manufacturers of Great Britain and the United States have their direct representatives in this country in some cases carrying stocks of goods. The Canadian designs largely follow those of the United States, which are not popular in this country, and in spite of the persistent efforts of United States manufacturers, they have made but small growth. As compared with 1903, the imports from the United Kingdom increased by over £38,000, while those from the United States increased by £1,000, and those from Germany slightly declined. With their present patterns, there is not much probability of a large increase in the trade." The "table of origin" referred to is a separate statement compiled by the Australian Department of Trade and Commerce, showing the "country of origin" of importations, often differing widely from the customs entries.

Philadelphia.

J. Warner Hutchins has been appointed a member of the Board of Prison Inspectors.

Emil J. Hertz has completed alterations to his store at 13th and Chestnut Sts., to make it more attractive for the Fall and Winter.

William Rawlings, manufacturing jeweler, 727 Sansom St., has returned with his family from the seashore, where he spent the Summer.

Homer Vernon, a watchmaker, recently in business in Wildwood, N. J., is reported as about to open a store of his own in Ambler, Pa.

J. G. Righter, a watchmaker for Cook & Jacques, Trenton, N. J., was a visitor to the trade here last week, combining business and pleasure.

Emil M. Bracher, 929 Chestnut St., secured judgment in the local courts last week for $197.38 against Felix D. Paoli. The latter made no defense.

J. E. Caldwell & Co. secured the contract last week to furnish more than a hundred cups, tankards and other silver trophies for the Bryn Mawr Dog Show.

Benjamin E. Sattler, who was recently confined to the Jewish Hospital, has recovered and has again resumed his position with M. & S. Fridenberg, 37 N. 11th St.

Out-of-town retailers buying here last week included: Joseph Hand, Jr., Cape May, N. J.; A. M. Kendall, Millville, N. J.; George Oliver, Burlington, N. J., and J. Harry Halt, Mt. Holly, N. J.

The death last week of Peter S. Dooner, proprietor of Dooner's Hotel, is generally regretted in the trade. The hotel has been much patronized by local and traveling jewelers and Mr. Dooner was well known to the trade.

The Bailey, Banks & Biddle Co. offers a liberal reward for the return of an amethyst and diamond ring lost recently. The company was last week awarded a contract to furnish the prizes for the invitation golf tournament of the Philadelphia Cricket Club.

George W. Kranich, a brother of Charles Kranich, Kensington Ave. and Cumberland St., is expected to formally open a retail store of his own at 2742 Germantown Ave., Saturday. Mr. Kranich leased the store during the Summer, and since has had extensive alterations.

Wm. A. Townsend, for many years, with the Gorham Mfg. Co., and latterly shop foreman with the late Rowley Mfg. Co., has opened a shop for general silversmithing, announcing as a specialty hotel and family silverware and candelabra work. He has located at 45 N. 13th St., room 11.

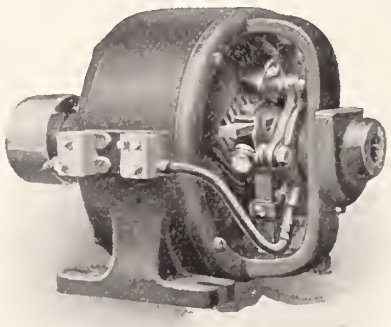
William C. Williams, with Chas. H. O'Bryon, 735 Sansom St., has been nominated on the regular Republican ticket to represent the 18th Ward in city councils, to fill the unexpired term of Jacob F. Henderson, who died recently. Mr. Williams is widely known in the trade and his election is earnestly desired by a host of friends.

After having been a fugitive for months, Charles Chapman was arrested in this city last week charged with the theft of $350 worth of diamonds from Morris Shacklin, an Arch St. diamond dealer, who alleges that Chapman secured the diamonds from him on memorandum and failed to return them or make an accounting. Chapman was held in $800 bail.

The Benedict Mfg. Co., East Syracuse, N. Y., has purchased all of the stock and machinery of the Onondaga Metal Shops, formerly owned by Edward C. Howe & Co., and located in the old Smith Premier Typewriter building in Syracuse. The effects will be moved to East Syracuse and installed in one of the buildings of the Benedict company. The Onondaga Metal Shops have been in bankruptcy since July, during which time they have been run by the receiver, Charles G. Baldwin, who at the first meeting of creditors last week was elected trustee. The Onondaga concern was organized about a year ago by Edward C. Howe to manufacture art metal goods, consisting of hand wrought, hand hammered, copper and brass lamps, trays, smoking sets and other novelties. Twenty men were employed under Mr. Howe. Harry L. Benedict, of the Benedict Mfg. Co., states that the plant will be started up immediately. Many of the employes are skilful mechanics obtained from Austria, Hungary and Holland.

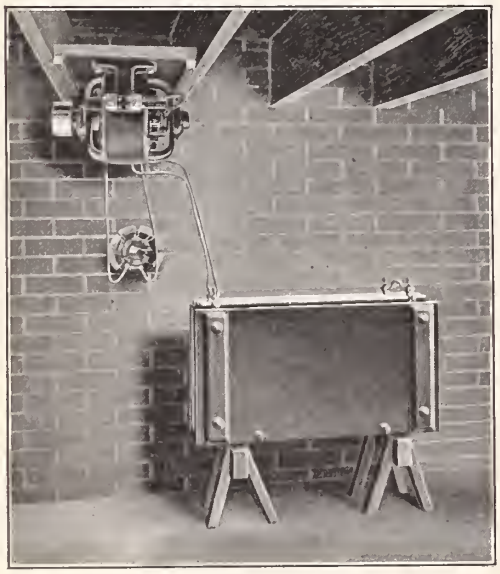
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INDEX TO ADVERTISEMENTS.

Abel Bros. & Co. 34
Adams & Singleton 81
Aikin-Lambert Co. 121
Allsopp & Allsopp 30
Allsopp Bros. 29
Alsterlund, H. E., & Co. 43
Alvin Mfg. Co. ..... Inside front cover
American Cuckoo Clock Co. 104
American Gem & Pearl Co. 64
American Platinnm Works 122
Apollo Silver Co. 65
Arch Crown Mfg. Co. 68
Arnstein Bros. & Co. ..... Outside back cover
Anstin, John, & Son ..... Outside back cover
Aztec Turquoise Co. 62
Bagg, Perine & Co. 60
Baker, Geo. M. ..... Outside back cover
Ball, Webb C., Watch Co. 74
Bard. A. C., & Co. 50
Baschkopf, Jacob 33
Bassett Jewelry Co. 42
Bates & Bacon 28
Benedict Mfg. Co. 65
Berge, J. & H. 123
Bigalke & Eckert Co. 76
Bigney, S. O., & Co. 4
Billings, Chester, & Son 56
Bing, Ferdinand, & Co.'s Successors 112
Bishop, R. W. 37
Blackinton, R., & Co. 16
Blackinton, W. & S., Co. 20
Blancard & Co. 123
Bonet, L. 116
Boote, Edward 114
Borrelli & Vitelli 25
Bowden, J. B., & Co. 29
Bradley Polytechnic Institute 119
Brettner, R. 33
Brower, Maurice 56
Bruhl Bros. & Henius Co. ..... Outside back cover
Buckley, Samnel, & Co. 38
Byron, Chas. B. 36
Carrington & Co. 30
Carter, Howe & Co. 31
Chatham National Bank 72
Chopard Frères 54
Cohen, Jules E. 62
Columbian Jewelry Supply Co. 123
Conley & Straight 122
Cooper Diamond Co. 56
Cooper & Forman 33
Cottle, S., Co. 32
Crohn, M. 90
Cross & Beguelin 43. 68
Crossman Co. 58
Cronch & Fitzgerald 34
Dattelbaum & Friedman 34
Day, Clark & Co. 33
Deacon, Louis J. 54
Dederick, James H., Sons 122
Depasse Mfg. Co. 32
De Selms Watch School 103
Diamond Point Pen Co. 121
Didisheim, Hipp. & Bro. 102
Donnelly, J. J. 123
Dorflinger, C., & Sons 116
Dubois Watch Case Co. 90
Duffner & Kimberly Co. 119
Dulk, Robert 30
Durand & Co. 30
Durgin, Wm. B., Co. 81
Eden, C. H., Co. 124
Eichberg & Co. 62
Eisenmann Bros. 54
Eisenstadt Mfg. Co. 78
Elgin National Watch Co. 94
Eliassof Bros. & Co. 124
E. P. H. Chain Catch 37
Eppenstein, L. A., & Co. 82
Fahys, Joseph, & Co. 1
Fairchild & Co. 121
Feeley, W. J., Co. 41
Forman Co. 120
Forsinger, J. W. 100
Foster, Theodore W., & Bro. Co. 44
Freund, Henry, & Bro. 26
Friedlander, R., L. & M. ..... Outside back cover
Frink, I. P. 120
Garreand & Griser 54
Gesswein, F. W., Co. 122
Ginnel, Henry, & Co. 25
Goldsmith, C. P., & Co. 26
Goodfriend Bros. 58
Gorham Co. 66
Griffoul, August 122
Gruen, D., Sons & Co. 70
Guardian Trust Co. 72
Gnerin, Wm., & Co. 114
Hagstoz, T. B., Ltd. 122
Hahn, E., & Co. 60
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 90
Hanson & Van Winkle Co. 84
Harris & Harrington ..... Outside back cover
Harrison, W. W., Co. 21
Hedges, A. J., & Co. 30
Hedges, Wm. S., & Co. 58
Heintz Bros. 34
Heller, L., & Son 52
Hennecke, C., Co. 119
Herpers Bros. 110
Hirshberg, A. S. 33
Hodenpyl & Walker 52
Hoe's, James C., Sons 119
Holsman & Alter 80
Hooper, H. J. 122
Hotel St. James 123
Hraba, Louis W. 118
Humphrey, John B., Co. 60
Hutchison & Huestis 40
Illinois Watch Co. 8
International Gem Co. 62
International Silver Co. 15, 19
Jacot Music Box Co. 124
Jeandheur, F., Jr. 123
Jeanne, Frederick A. 60
Jewelers' League 118
Johnston, W. J., Co. 10, 11
Jorgeson, F. C., & Co. 114
Juergens & Andersen Co. 74
Juergensen, Jules 102
Kahn, L. & M., & Co. ..... Outside back cover
Kaufman, Louis, & Co. 58
Keck, Herman, Mfg. Co. 74
Keller Jewelry Mfg. Co. 12
Kent & Woodland 33
Keppler, George 120
Ketcham & McDougall 118
Keystone Watch Case Co. 96
Klipper Bros. 104
Kohlbusch, Herman, Sr. 110
Kohn, Alois, & Co. 34
Kohn & Co. 39
Koshland & Italie Co. 36
Krower, Leonard 88
Lackner & Ohl 37
Landis, L. S. 81
Langendorf Watch Co. 102
Larter & Sons 46
Lederer, S. & B., Co. 40, 42
Lees & Sanders 122
Leimann Bros. 123
Lelong, L., & Bro. ..... Outside back cover
Leon Watch Case Co. 103
Levy, Chas. M. 38
Levy, Robert 22
Lewy & Cohen 32
Lindenberg, Strauss & Co. 80
Lisner, D., & Co. 27
Lissaner & Co. 54
Loeb, Wm., & Co. 38
Lorsch, Albert, & Co. ..... Outside back cover
Loth, Joseph, & Co. 119
Lowe, Edwin, & Co., Inc. 40
Luthy & Hine 31
Lyons Gem Co. 52
Maebert & Reiss 103
Maple City Glass Co. 116
Market & Fulton National Bank 72
Martin, S. 110
Mercantile National Bank 73
Meyerowitz Bros. 54
Miller, Fuller & Whiting 43
Monroe, R. G., & Co. 54
Moore & Sons 35
Morgan, John, Sons 118
Mount & Woodhull 60
Myers, S. F., Co. 37
Nassau Bank 54
Nebeling, Edmund R. 36
Newburgh, R. 102
New England Watch Co. 98, 99
Noel, Rndolph, & Co. 74
Noterman, Jos., & Co. 50
Novelty Engineering Ass'n 110
Ohan, G. 90
Oliver Typewriter Co. 120
Omega Watches 100
Oppenheimer Bros. & Veith 50
Oppenheimer, H. E., & Co. 50
Oriental Bank 72
Osmun-Parker Mfg. Co. 35
Ostby & Barton Co. 39
Parks Bros. & Rogers 24
Paroutand & Watson 114
Patek, Philippe & Co. 102
Pitcairn, W. S. 116
Potter & Buffinton Co. 41
Pouyat China 114
Power, Chas. L., & Co. 58
Price, Cyrus, & Co. 52
Prior, Charles M. 34
Pryibil, P. 123
Pryor Novelty Co. 36
Racine, Jules 104
Reichheim, E. P., & Co. 110
Renziehausen, W. F., Co. 122
Revell, A. H., & Co. ..... Outside back cover
Rice's, Bernard, Sons 65
Richardson, Enos, & Co. 31
Ries & Armstrong 90
Ries, G., & Bro. 38
Riviere Brass & Bronze Works 118
Rockford Watch Co. 80
Roger Williams Silver Co. 39
Rohrbeck, John E. 54
Roseman, A. 52
Rothschild Bros. & Co. 38
Roy Watch Case Co. 103
Rndlen, J. W., & Co. 103
Rudolph & Snedeker 102
Rumpp, C. F., & Sons 116
Saart, W. H., Co. 42
Saunders, Meurer & Co. 58
Scharling & Co. 37
Schiff, M. 32
Schultz, Leiss & Co. 36
Scofield & De Wyngaert 32
Sessions Clock Co. 104
Shafer & Douglas 35
Shiman Bros. & Co. 76
Siegel, Rothschild & Co. 120
Simmons, R. F., Co. 23
Simpson, Hall, Miller & Co. 15
Smith, Alfred H., & Co. 48
Smith, Frank W., Co. 17
Smith, Wm., & Co. 121
Snow & Westcott 31
Sohn & Ilyman 62
Solidarity Watch Case Co. 43
Spencer, E. L., Co. 40
Sprague Law School 84
Staninger, E. E. 40
State Bank 72
Steiner, Louis 116
Stern Bros. & Co. ..... 62, Inside back cover
Sternau, S., & Co. 24
Stilwell, L. W. 30
St. Louis Watchmaking School 90
Strauss, Ignaz, & Co. ..... 121, Outside back cover
Street, Geo. G., & Sons 34
Tavannes Watch Co. 65
Thomas, Seth, Clock Co. 104
Trenton Watch Co. 103
Trout, Chas. L., & Co. 30
Tuska, A. L. 88
Van Dam, Eduard 56
Van Pelt, T. B. 84
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 32
Waite-Thresher Co. 42
Waltham Watch Co. 92
Washburn, C. Irving 121
Weizenegger Bros. 36
Wells, Chester H. 114
Wendell & Co. 5
Western Clock Mfg. Co. 105
Wheeler, Hayden W., & Co. 50
Whiting & Davis 28
Whiting, Frank M., & Co. 18
Whiting Mfg Co. 13
Wightman & Hough Co. 41
Witsenhansen, L. 37
Wodiska, Julius 35
Wolfsheim & Sachs 39
Wood, C. F., & Co. ..... Outside back cover
Wood, J. R., & Sons 2, 3
Woodside Sterling Co. 14

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In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

POSITION desired by young lady, as engraver, to wait on trade, etc., in wholesale or retail house. "Either, 7772," care Jewelers' Circular-Weekly.

EXPERIENCED letter and monogram engraver, salesman, desires position by Oct. 15; wages, $18 to $20; best references. "G. T.," 197 Front St., Marietta, O.

FIRST CLASS watchmaker wants permanent position; 10 years' experience; salary not less than $20 a week. R. T. Drumtra, 109 W. Hill St., Champaign, Ill.

FIRST CLASS watchmaker, engraver and optician; 15 years' experience; good salesman; American. Address "G., 7792," care Jewelers' Circular-Weekly.

YOUNG LADY bookkeeper of experience, desires permanent position; quick and accurate; best references. Address "C. S., 7801," care Jewelers' Circular-Weekly.

POSITION WANTED, as assistant engraver, to finish trade; am also jewelry salesman; New York City preferred. Address I. Worken, 234 E. 98th St., New York.

BOOKKEEPER, young lady; four years' experience in manufacturing jewelry line; salary $10; A1 references. Address "Faithful, 7843," care Jewelers' Circular-Weekly.

WATCH and clock repairer; single man; 15 years' experience; do not engrave; moderate salary; Ohio or Pennsylvania preferred. Address No. 519 E. North St., Sidney, O.

YOUNG MAN, 20, desires steady position in a wholesale jewelry or silver house; can furnish the best of references. Address "C., 7834," care Jewelers' Circular-Weekly.

WANTED, A POSITION as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

BOOKKEEPER; young man, with fair knowledge of double and single entry bookkeeping, wishes position with jewelry house. Address "A. M., 7819," care Jewelers' Circular-Weekly.

A1 WATCHMAKER, refractionist and salesman, desires change, with first class house; competent to take charge; age 30; best of references. Address "S., 7852," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver; long experience; fast, accurate; has all tools; come at once on one month's trial; state salary you can pay and hours. "D. A. L.," 387 Broadway, Albany, N. Y.

FIRST CLASS manufacturing jeweler, of business ability, wishes position as foreman or assistant foreman of factory; references. Address "Ability, 7840," care Jewelers' Circular-Weekly.

SALESMAN, well acquainted in the trade east and west, also the Pacific Coast, is ready to make arrangements for Jan. 1 or now. Address "Jackson, 7812," care Jewelers' Circular-Weekly.

WANTED, POSITION as salesman of silverware or jewelry by young man qualified by experience, with large house for New York or outside trade. Address "Jason, 7844," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

YOUNG MAN, 21, wishes position as jeweler, clock repairer and plain engraver, where he has a chance to learn watchmaking; four years' experience. L. F. Chadband, 407 E. Mulberry St., Bloomington, Ill.

A FRENCH DESIGNER of diamond mountings and gold jewelry, with first class city references, seeks employment with a good house, with a view to permanency. Address "A. F.," 138 E. 29th St., New York.

SITUATION WANTED, in a western city (Detroit preferred), by a young lady to take charge of store, or as engraver and saleslady; for further information address Dan. I. Murray, 3 Maiden Lane, New York.

SALESMAN; young man, 21, desires to make a change Jan. 1; two years' experience on the road; would like to represent manufacturer; excellent reference. Address "K. S., 7849," care Jewelers' Circular-Weekly.

ENGRAVER, fine script monogram inscriptions, general letterer, enamel cutting and some card plate; am married; steady position desired; east preferred; samples. Address "X. Y., 7784," care Jewelers' Circular-Weekly.

YOUNG LADY, thoroughly experienced in the jewelry business, would like a position of responsibility in the capacity of assistant buyer; must be permanent position. Address "G. L., 7695," care Jewelers' Circular-Weekly.

YOUNG MAN, age 19, just finished at Philadelphia College of Horology? can do clock and watch work; fine engraver; graduate optician; good habits and good reference. Address John B. McBain, Middleburgh, Schoharie Co., N. Y.

WANTED, to correspond with A1 house, who desires a traveling salesman by Jan. 1, by one who is a hustler; can give the very best of references and have all around experience in southern territory. Address "P., 7776," care Jewelers' Circular-Weekly.

WANTED, Jan. 1, 1907, a position to represent a first class jewelry house on the road; 15 years' experience handling first class retail trade, but no road experience; am willing to accept either salary or commission. Address "A. B., 7782," care Jewelers' Circular-Weekly.

ASSISTANT FOREMAN; position desired by young man in wholesale manufacturing jewelers; understands business thoroughly; especially adapted to experimental work; 16 years, best of references; studious and of good moral habits. Address "W. T., 7841," care Jewelers' Circular-Weekly.

A FIRST CLASS position wanted by a thoroughly competent watchmaker on high grade and complicated watch works; can do fine adjusting and timing; good salesman; can take charge of repair department; no engraver of jewelry or jack of all trades. Address "F., 7842," care Jewelers' Circular-Weekly.

EXPERIENCED SALESMAN, desires to connect with first class house, nearby trade or south; diamond or manufacturing line preferred. "Trade, 7845," care Jewelers' Circular-Weekly.

A POSITION as manager of jewelry, watch and silver house (or departments), by an experienced merchant jeweler, who has mechanical and technical knowledge in every branch of the business; can determine present and advertise house insuring continuous growth and prestige; address by letter. "C. H. D.," care Mr. Lee Wiltse, 96 Maiden Lane, New York.

SALESMAN of experience, well acquainted with the large buyers as well as the general trade east of Chicago, wishes to connect with a manufacturer; at present employed; good reasons for desiring change; would consider offer for this season or Jan. 1; A1 references; straight salary or salary and commission. Address "H., 7693," care Jewelers' Circular-Weekly.

For Sale.

FOUR 10-ft. all plate glass floor show cases; best make; in perfect condition; $75 each. "R. A., 7795," care Jewelers' Circular-Weekly.

Help Wanted.

GOOD ENGRAVER and jewelry repairer. C. J. Hueg, Easton, Pa.

WANTED, young lady engraver, jeweler and saleslady; permanent position. Aug. E. Séebold, Whiting, Ind.

WATCHMAKER, capable of doing railroad work and engraving; $18 to start. W. H. H. Needy, Hagerstown, Md.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

JEWELER and stone setter; permanent position for good man. Thier, Kraus & Beam, Empire Bldg., Pittsburg, Pa.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, watch material man, to fill orders; state experience. Address L. H. K. & Co., 64 Nassau St., New York.

MAN to work on clocks and jewelry; state age and wages expected. E. R. Mason, 69 Court St., Binghamton, N. Y.

PRACTICAL OPTICIAN, at once; good salary; permanent position. Address "C. S., 7780," care Jewelers' Circular-Weekly.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

WANTED, an A1 watchmaker, jeweler and engraver; Sept. 1 to Oct. 1. Raines Bros., 106 S. Main St., Maryville, Mo.

FIRST CLASS jeweler and diamond setter wanted; good wages paid. H. E. Wuerth, 918 Main St., Kansas City, Mo.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

AN ENGRAVER, one who can do jewelry work preferred; good salary to the right man. Address H. Kistenmacher, Tampa, Fla.

WANTED, a young man for office position; application must be made in writing. Krementz & Co., 49 Chestnut St., Newark, N. J.

WANTED, jeweler and optician or jeweler and engraver; good position to the right man. Address J. K. Roumain, Baton Rouge, La.

WANTED, a jeweler; must be first class workman; good wages and steady position to right party. Reid & Todd, Bridgeport, Conn.

NEAT appearing young man, to assist jewelry repairer; wages according to ability. "Confidential, 7848," care Jewelers' Circular-Weekly.

WANTED, an assistant watchmaker and engraver; permanent position and good pay to competent man. E. W. Button & Co., Bridgeport, Conn.

WANTED, a good engraver, who can assist with the watch work; salary, $15 to $20 weekly; young man. Lochman Bros., Springfield, Ill.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

WANTED, young man as engraver, assistant watchmaker and jewelry repairer; steady position. C. Howard Daley & Co., Danbury, Conn.

WANTED, first class gold engraver; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, assistant watchmaker and clock repairer; good steady position to right party. A. Walter's Sons, 155 Newark Ave., Jersey City, N. J.

WANTED, a man with some capital, acquainted with the trade that uses fine mountings. Address "Moderate, 7785," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, first class watchmaker, who can engrave; good wages and permanent position to the right man. J. H. Thomas, Bristol, Tenn.

HELP WANTED.—Continued.

WANTED, watchmaker and engraver, at once; must be A1; send sample of engraving and reference in first letter. W. H. Mellor, Michigan City, Ind.

WANTED, fine watchmaker at once; one who is able to manage men; salary $35 per week; references required. Geo. T. Brodnax, Inc., Memphis, Tenn.

CLOCKMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

AT ONCE, first class watchmaker and salesman; permanent position; give age, references and salary expected in first letter. J. L. Wolff, Paducah, Ky.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Ala.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WANTED, a good watchmaker who is accustomed to waiting on trade; permanent position; $22 per week. Address "H. I., 7836," care Jewelers' Circular-Weekly.

WANTED, to go south with one of the largest retailers, first class manufacturing jeweler; good wages. Answer "Steady, 7860," care Jewelers' Circular-Weekly.

WANTED, first-class script, old English and monogram engraver; good jewelry repairer and stone setter; will pay $25 a week. Box 614, Wheeling, W. Va.

WANTED, a first class jeweler and engraver; permanent position; send reference and state salary in first letter. G. W. Meyer Jewelry Co., Chattanooga, Tenn.

AT ONCE, young man to do clock and jewelry repairing, also plain engraving and help wait on trade; address, with reference. Edward Rapp, Burlington, Ia.

WATCHMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WANTED, a good jeweler, one capable of doing job, new work and stone setting; good, steady position to right party. "B. T., 7654," care Jewelers' Circular-Weekly.

ENGRAVER, one who understands jewelry repairing; $20 per week and permanent position to good hand. Address "Virginia, 7614," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver; references required; permanent position; must be able to wait on trade; wages, $18 per week. W. F. Kaiser, Brownsville, Pa.

WANTED, first class watchmaker and engraver; good wages and steady position to right party; state wages expected and give references. Reid & Todd, Bridgeport, Conn.

WANTED, jobbing jeweler who can do stone setting and some new work; permanent position to a good man. Address "Iowa, 7835," care Jewelers' Circular-Weekly.

ENGRAVER, experienced in lettering and general engraving in a jewelry factory; permanent situation; steady work. Address The Dorst Co., Lion Bldg., Cincinnati, O.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

ENGRAVER and jeweler, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WATCHMAKER and engraver; immediately; easy position; good salary; optician preferred; send references and state salary wanted. Saul Klein, jeweler, Greenville, Miss.

WANTED, four first class watchmakers who engrave, for good positions in Colorado; good pay to the right men. W. W. Hamilton & Co., Wholesale Jewelers, Denver, Colo.

WANTED, a young man who understands clock repairing and is willing to assist on jewelry work; references necessary; steady work. B. U. Tapken, New Brunswick, N. J.

WANTED, first class watchmaker with complete outfit of tools for permanent position, at once. Address The Webb C. Ball Watch Co., Superior and Seneca Sts., Cleveland, O.

WANTED, strictly first class watchmaker, engraver and salesman; high salary; permanent position; send reference and sample of engraving. J. S. Pfeiffer, Parsons, Kans.

MANUFACTURING JEWELER and diamond setter wanted for permanent position; give experience, references and wages in first letter. Brock & Feagans, Los Angeles, Cal.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

SALESMAN, for Broadway, New York, jewelry store; 35 to 50 years old; good appearance and experience essential. Address "Confidential, 7847," care Jewelers' Circular-Weekly.

WANTED, watchmaker; must be an A1 workman; send references and state wages expected; good steady position for right party. Address "R. O., 7789," care Jewelers' Circular-Weekly.

WANTED, young man; must understand the retail jewelry business thoroughly; steady position to right party; call at once. Bergman, Third Ave., between 117th and 118th Sts., New York.

WANTED, a first class watchmaker, jeweler or engraver; must come well recommended; a watchmaker who can engrave preferred. Address H. Silverthorn Co., Lynchburg, Va.

FIRST CLASS watchmaker wanted, by October 25, who is fully capable of waiting on trade; state wages and reference in first letter. Jos. H. Ehrlich, 316 Hastings St., Detroit, Mich.

WANTED, young man as jeweler and salesman; one ambitious to improve on watchwork; salary depends on ability; close at 6; state all particulars. T. W. Morrison, Newburgh, N. Y.

WANTED, first class watchmaker and engraver; salary, $25 a week; permanent position; send samples of engraving and copy of reference in first letter. Address J. Levinski, Waco, Tex.

A FIRST CLASS watchmaker, jeweler and engraver; don't answer unless you are good all around workman, sober and honest; best references. Henry Taubman, St. Johnsville, N. Y.

WANTED, a first class jeweler for all around cluster and regular diamond work; good salary and steady position to the right man. Address Sam. Tronstein, 143 Euclid Ave., Cleveland, O.

WANTED, either lady or man, to do engraving; one who can assist at selling preferred; permanent position. Rundback Bros., 2196 Third Ave., between 119th and 120th Sts., New York.

WANTED, engraver; salary, $15 to start; permanent position for competent man; applicant will please send samples and reference. John M. Roberts & Son Co., 441 Market St., Pittsburg, Pa.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

FOR VIRGINIA, an assistant watchmaker; person of good address; one who can do some engraving preferred; permanent position; $15 per week. Address Room 711, 2 Maiden Lane, New York.

AT ONCE, watchmaker; one who can do plain engraving preferred; a good permanent position; wages, $20 per week. Rundback Bros., 2196 Third Ave., between 119th and 120th Sts., New York.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WANTED, in Alabama, a first class engraver and good jeweler; good salary and steady position to the right man; must have good reference. Address "C. T., 7768," care Jewelers' Circular-Weekly.

JEWELRY SALESMAN wanted; one who controls first class trade and has some capital to enter into business with first class practical jeweler. Address Wm. Plume, 62 Joralemon St., Brooklyn, N. Y.

WANTED, salesman for Iowa; engagement for Jan. 1; good position for an experienced, A1 man, who knows this territory; address, giving full particulars. Otto Young & Co., Heyworth Bldg., Chicago, Ill.

FIRST CLASS watchmaker, engraver and salesman; all around, competent man of good appearance; give particulars, references, capabilities and salary expected in first letter. M. J. Scudder, Bradford, Pa.

WANTED, first class engraver; one who can turn out work promptly and properly; excellent opportunity; permanent position; state salary and send sample of engraving. Address Schwarzschild Bros., Richmond, Va.

WANTED, good engraver; one who wishes to learn watchmaking and can wait on trade; will open on Nov. 1 a new and up-to-date store in a Kentucky town of 8,000 population. Address Box 54, Johnston City, Ill.

WANTED, first class watchmaker; all around man preferred; must have gilt-edge references; give full particulars as to ability, experience and reference in first letter; salary, $15 to $20. J. A Oswald, Crawfordsville, Ind.

WANTED, jewelry and clock repairer; young man, 18 to 20; chance for advancement to right party. Apply or write M. L. D. W. & J. Co., Y. M. C. A. Bldg., Passaic, N. J., or to Rubenstein Bros., 14 Maiden Lane, New York.

WANTED, first class jeweler and engraver on new and repair work; salary, $25 a week; large city in Texas; send samples of engraving and copy of reference in first letter. Address "T., 7802," care Jewelers' Circular-Weekly.

WANTED, in first class store in Pittsburg, Pa., a young man to take charge of clock repairing; must have knowledge of French clocks and hall clocks; state experience. Address "X. Y. Z., 7818," care Jewelers' Circular-Weekly.

WATCHMAKER, wanted immediately; one who knows something about refraction preferred; state age, experience and wages expected to begin, in first letter; great chance of advancement. Address Jeweler, 84 Seneca St., Buffalo, N. Y.

WANTED, watchmaker, expert in railroad work; permanent position; salary $25 per week; send references. Chas. F. Sentz, Columbia, S. C.

WATCHMAKER and engraver wanted immediately for permanent position; must be first class watchmaker and good, plain engraver, with tools; state experience, references and salary in first letter. Brock & Feagans, Los Angeles, Cal.

AT ONCE, engraver to do monogram and letter work demanded in first class store; prefer one willing to help in shop or as salesman; good permanent job; send references and sample in first letter; state salary expected. R. Brandt, Athens, Ga.

FIRST CLASS watchmaker, jeweler and engraver; some clock work; all around man; permanent position; pleasant surroundings; to take charge of repair department; want rapid workman; write for particulars; position immediately; pay $25. J. C. Robinson, Chester, S. C.

WANTED, a good watchmaker who can engrave; a good position for a first class man; permanent; address with references, Sylvester Engle, Hazleton, Pa.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WATCHMAKER, one experienced in all complicated work, and able to take entire charge of watch repair department; at once; reference. Dillon Co., Wheeling, W. Va.

WANTED, first class engraver and jeweler; permanent position to the right man; salary $25 per week; send references in first letter. Chas. F. Sentz, Columbia, S. C.

WANTED; traveling salesman contemplating making a change Jan. 1, will do well to communicate with us, as we are going to increase our force; good opportunity and compensation for high class men who have made good elsewhere. Apply Otto Young & Co., Heyworth Bldg., Chicago, Ill.

(*Special Notices continued on page 88.*)

Special Notices.

(Continued from page 87.)

HELP WANTED.—Continued.

WANTED, first class watchmaker, engraver; one who can do some jewelry work and act as salesman; will pay highest ruling salary for a man of ability; none but a competent man wishing steady position need apply; send sample of engraving and reference in first letter; want man at once. F. P. D'Arcy, Kalamazoo, Mich.

WATCHMAKER, at once, one who can act as salesman; must be of good appearance and address; state salary and references in first letter; young man preferred. Address Chas. Bickelmann, Schenectady, N. Y.

A BRIGHT, active and reliable young man as salesman in a retail jewelry store, in New York City; one who can repair watches preferred; permanent position assured. Benj. F. Spink, 9 Maiden Lane, New York.

WANTED, by large Chicago wholesale house, buyer and manager for optical department; must be thoroughly posted on values and understand running of shop; good position and chance for advancement for energetic man; engagement Jan. 1; address giving full particulars as to former employment, age, salary expected and references. Address "L., 7811," care Jewelers' Circular-Weekly.

TRAVELER WANTED; first class traveler with established trade in New York and Pennsylvania, to sell a manufacturer's line of solid gold rings; for engagement January 1st next. Queen City Ring Mfg. Co., Buffalo, N. Y.

TRAVELING SALESMEN in the jewelry or kindred trades, to represent the Jewelers' League of New York, while on the road, as a side line; liberal commissions allowed; for full particulars call at the home office, 12 John St., New York.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

THIRTY-FIVE DOLLARS per week for head watchmaker; a thoroughly competent man on high grade and complicated work, who does not drink or gamble, can go to work at once, and have steady position in one of the finest stores and cities in the west; references and full particulars must accompany first letter. J. S. Lewis & Co., Ogden, Utah.

Business Opportunities.

JEWELRY STORE for sale in Brooklyn, with or without stock; reasonable. Address "J., 7822," care Jewelers' Circular-Weekly.

FOR SALE, an old established manufacturing jewelry business; complete machinery, fixtures, etc. Address "A. C., 7839," care Jewelers' Circular-Weekly.

FOR SALE, fixtures and any part of stock, of only jewelry store in prosperous manufacturing town of 3,000 in Connecticut; established 10 years; yearly business, $7,000; exceptional chance for young man with small capital. "E., 7684," care Jewelers' Circular-Weekly.

CASH FOR WATCHES and diamonds; send them at once and get your money by return mail. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, entire enamel painted jewelry line business; good running concern; owner retiring from business; bargain. Address, "M. A., 7862," care Jewelers' Circular-Weekly.

FOR SALE, optical and jewelry store; watchmaker and jewelry on one side and optician and optical goods on other side of store; good business, low expenses, live town; party who is an optician, also watchmaker, can clear $3,000 per year; sickness. Address "A. D. P., 7793," care Jewelers' Circular-Weekly.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TWO desirable offices for rent; $10 and $12 per month; write or call. Henry Bardel, 14 Maiden Lane, New York.

BENCH ROOM to rent, in jewelry store; suitable for engraver; good location for right party. Fred Martin, 1086 Broadway, Brooklyn, N. Y.

TO LET, part of a desirable office; north light; suitable for a broker in precious stones or manufacturer's representative. Apply, Room 507, 87 Nassau St., New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

Wanted to Purchase.

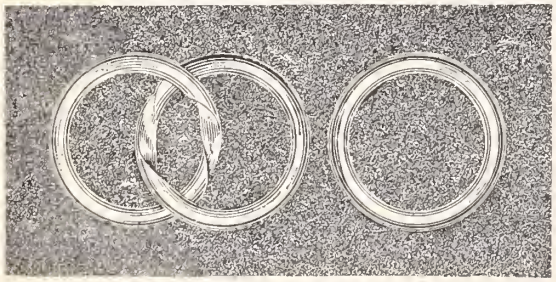
WANTED, second hand Harding Bros., Mosley or Waltham pivot polisher; good condition. "M. T., 7791," care Jewelers' Circular-Weekly.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

Miscellaneous.

SILVER SPINNING of every description for the trade; small and large work; also fine etching done at reasonable prices. John Hasselbring, 111 Himrod St., Brooklyn, N. Y.

MANUFACTURER of fine plated belt buckles and similar articles for ladies' wear, wishes to get in touch with a reliable commission house, with established connections, covering the entire country, reaching the retail jewelers, department stores and jobbers, and prepared to handle either selected territories, or the whole field, as desired; liberal terms for efficient service; immediate. Address "X., 7771," care Jewelers' Circular-Weekly.



WE MAKE

The Alliance Ring

The graceful style of the Alliance Ring is rapidly supplanting the use of the old style wedding ring. The joints are invisible, and whenever engraving is desired it is done in the inside surface. Can be easily separated by inserting a pin in inside pinhole.

14 karat, 3 dwts., each, $1.25 per dwt.; in dozen lots, $1.10 per dwt., net.
18 karat, 3 dwts., $1.40 per dwt.; in dozen lots, $1.25 per dwt., net.

MADE ONLY BY

LEONARD KROWER, Manufacturing Jeweler

536-538 Canal Street New Orleans, La.



100% Profit

IN JAPANESE GOODS



Popular novelties of which illustration represents metal tray, made in oxidized, gilt and silver. Retail from 25c. to $1.50. Large variety of designs. Let us send you an assortment of trays for $15.00, or our special jewelers' assortment, consisting of Cloisonne, Fine Bric-a-brac, etc., for $50.00.

Write to-day for information.

A. L. TUSKA Direct Importer of Japanese Bronzes, Fancy Goods, Curios, Art Pottery, Ivories, Cloisonnes, and Novelties of every description. 55 Murray St., New York

TO LET.

Three Desirable Light Lofts

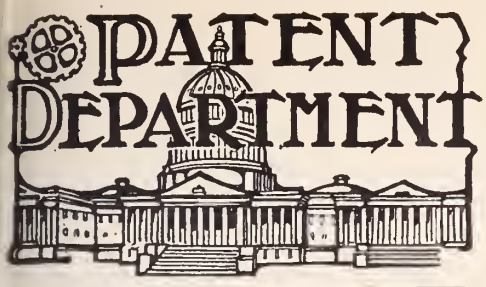
At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

FOR SALE

New Century Typewriters, No. 6, in first-class condition; will be sold at low price by

JEWELERS' CIRCULAR-WEEKLY,
11 John Street, New York.



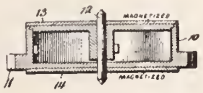
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF SEP 25, 1906.

831,561. ANTIMAGNETIC WATCH. Henry S. Montgomery, Topeka, Kans. Filed May 9, 1905. Serial No. 259,547.

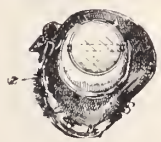
In a time-movement, an arbor, a main driving-wheel mounted on the arbor, and permanently-magnetized devices located on opposite sides of the



main driving-wheel and magnetically connected by the arbor, said device and arbor constituting a permanent magnet.

831,710. MIRROR ATTACHMENT FOR LADIES' HATS. Albertine P. Day, Chicago. Filed Feb. 1, 1906. Serial No. 298,909.

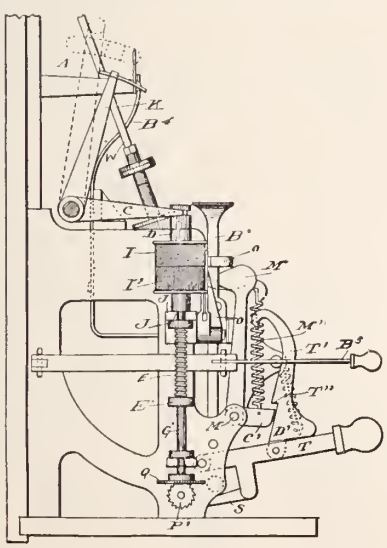
In a mirror attachment for hats, in combination, a mirror; and two clasps, each comprising a loop



adapted to fit over the edge of said mirror and a member adapted to engage the hat.

831,790. PRINTING-RIBBON SHIFTER FOR WORKMEN TIME-CLOCKS. Clara Keyser and Scott McGowan, Dayton, O., assignors to the Crawford-McGregor & Canby Co., Dayton, O. Filed Jan. 2, 1906. Serial No. 294,051.

A printing-ribbon shifter, comprising upright shafts, ribbon-spools carried upon sleeves mounted



upon the upper ends of said upright shafts, a rock-shaft, two arms extending from and in the plane of said rock-shaft and engaging the upper ends of said sleeves, a crank through which the rock-shaft is given movement, an indicator-arm extending from the rock-shaft, and an indicator denoting the positions of the printing-ribbon when the rock-shaft is acutated to elevate or lower said ribbon.

831,902. HAT-PIN. Edward H. Surridge, Chadwell, Ixopo, Natal. Filed Dec. 14, 1905. Serial No. 291,711.

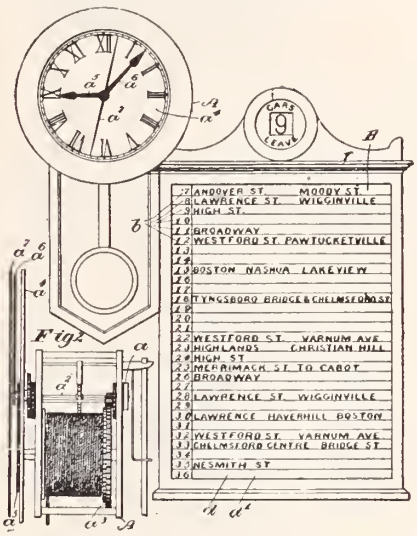
The combination in a hat-pin of a tubular-sheath having apertures in its sides, a pin movably mounted within said sheath and having a pointed



end, barbs carried by said pin and projecting, at one position of the pin, through the apertures in the sides of the sheath.

832,018. TIME-OPERATED TIME-TABLE. Delmar G. Hurd, Lowell, Mass., assignor of one-third to August Fels and one-third to Max W. Fels, Lowell, Mass. Filed June 25, 1904. Serial No. 214,177.

The combination of an endless time-sheet having figures to indicate equal intervals of time, signs to indicate events arranged opposite the figures which indicate the times, at which such events are next first to occur, a case for said time-sheet having a sight-opening adapted to display sufficient of



said time-sheet to inform the observer of the time of occurrence next after the time of observation of all such events, and time-controlled means for moving said time-sheet a corresponding amount at the expiration of the interval denoted by the first figure displayed.

DESIGNS.

38,249. DISH. Jacob Williamson, Chicago. Filed



Oct. 12, 1904. Serial No. 228,247. Term of patent 3½ years.

38,254. BAG-FRAME. Karl Oswald, Jr., and Gustav Goerk, Newark, N. J. Filed April 2, 1906. Serial No. 309,552. Term of patent 3½ years.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

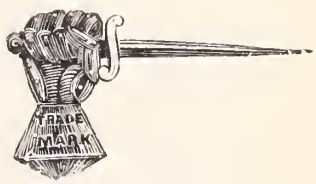
PUBLISHED SEPT 25, 1906.

Ser. No. **14,367.** (CLASS 63. MEASURING AND SCIENTIFIC APPARATUS, APPLIANCES AND INSTRUMENTS.) William H. Spangler, Pittsburg, Pa. Filed Nov. 6, 1905.



Particular description of goods.—Eyeglasses.

Ser. No. **15,712.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) F. W. Gesswein Co., New York. Filed Dec. 28, 1905. Used 10 years.



Particular description of goods.—Files and saws.

Ser. No. **16,285.** (CLASS 30. CROCKERY, EARTHEN WARE AND PORCELAIN.) Villeroy & Boch, Mettlach, Germany. Filed Jan. 18, 1906. Used 10 years.



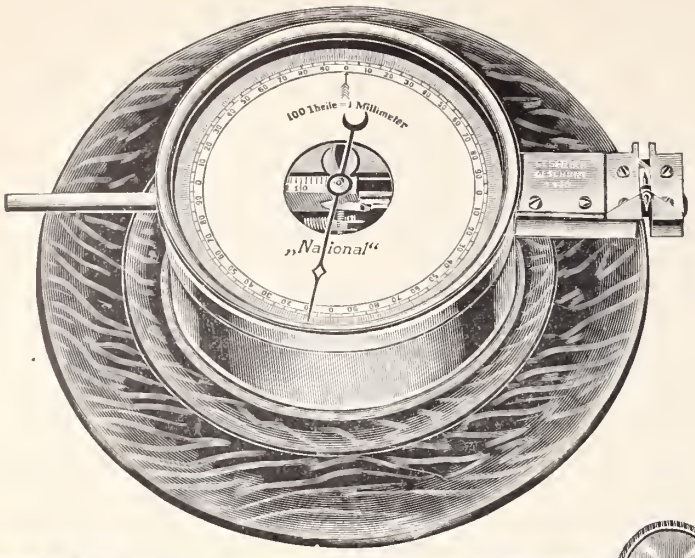
Particular description of goods.—China, stone ware, earthen ware, terra-cotta and porcelain.

Ser. No. **17,926.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) Langendorf Watch Co., Langendorf, Switzerland. Filed March 16, 1906.

Bondale

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,928.** (CLASS 59. HOROLOGICAL

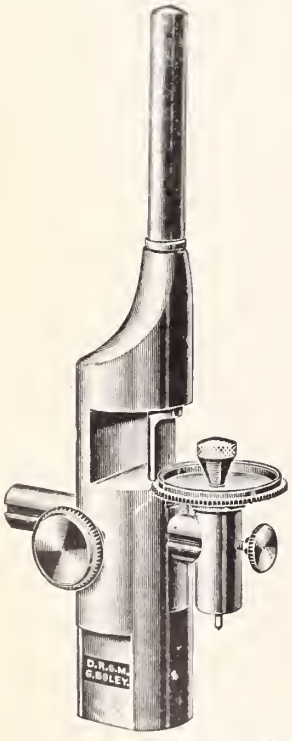


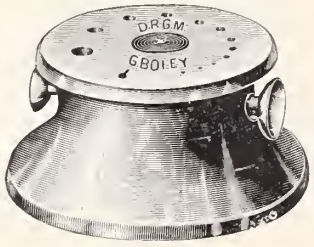


"NATIONAL" MICROMETER GAUGE.

The 100th part of a Millimeter can be easily read on the Dial of this Gauge. The most accurate article made. Suitable for measuring articles of the most delicate nature, such as Jewels, Pivots of Staffs, Roller Pins, etc., up to articles one inch in diameter. For taking interior measurements, use gauge as shown on sketch, allowing 2 mm. for thickness of the two Jaws. A beautiful piece of workmanship which should not be missing from the benches of careful workers.

Price, $18.00





BOLEY HAIRSPRING TABLE.

Practical tool for laying and otherwise manipulating the hairspring. Pressing together the two buttons on the side closes the two fine prongs which project through the center of the plate. After having placed the collet over these prongs, and releasing the pressure upon the buttons, the prongs will spread apart and clamp the collet very tightly, permitting the use of the two hands, while laying, bending or "Bregueting" hairsprings. The plate is made of matted aluminum, showing up the coils of the spring to the best advantage.

Price, $1.50

BOLEY BARREL STRETCHER.

A thoroughly well-made and practical tool for stretching the teeth of mainspring barrels, when same are found to be worn and of insufficient depth.

Price, $2.00

For sale by all jobbers in the United States and Canada.

Hammel, Riglander & Co.

47 and 49 Maiden Lane NEW YORK

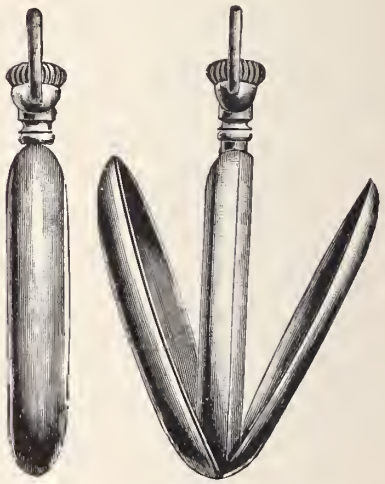
MOST COMPACT

AND THINNEST
DUST-PROOF

OPEN FACE
GOLD CASE

MADE IN THE WORLD
FOR
AMERICAN MOVEMENTS.

Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

DUBOIS WATCH CASE CO.

21 Maiden Lane, New York.

Expert WATCH and Chronometer REPAIRING
FOR THE TRADE.
When others fail you we guarantee satisfaction. A trial will convince. Prices very reasonable.
List will be sent on request.
G. OHAN, 37-39 Maiden Lane,
Lorsch Bldg., Room 27. **NEW YORK.**

Learn Watchmaking

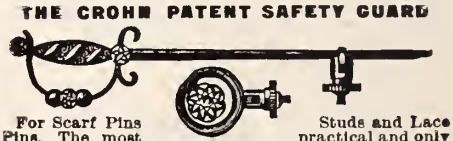
Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address

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"Perfect Yourself"

in ENGRAVING and EXPERT WATCH WORK.
Take a Post-Graduate Course.
RIES & ARMSTRONG, Macon, Ga.

THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins. The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c ; in 10k. gold, $1 00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

Soldale

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,929.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

L. W. Co.

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,931.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

Clarefax

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,932.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

Namtoc

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,933.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

Highmere

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **17,935.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LANGENDORF WATCH CO., Langendorf, Switzerland. Filed March 16, 1906.

Pearlham

Particular description of goods.—Watches, watch cases and watch movements.

Ser. No. **20,787.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) INTERNATIONAL SILVER CO., Meriden, Conn. Filed July 9, 1906.

XIV

Particular description of goods.—Plated flat ware for table use, including knives, forks and spoons.

Ser. No. **20,790.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) INTERNATIONAL SILVER CO., Meriden, Conn. Filed July 9, 1906.

B S Co

Particular description of goods.—Plated flat ware for table use, including knives, forks and spoons.

Ser. No. **20,791.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) INTERNATIONAL SILVER CO., Meriden, Conn. Filed July 9, 1906. Used 10 years.

HOLMES & EDWARDS

Particular description of goods.—Plated flat ware for table use, including knives, forks and spoons.

Ser. No. **20,967.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed July 13, 1906. Used 10 years.

OFFICIAL TIME SERVICE STANDARD

Particular description of goods.—Watches.

Ser. No. **20,984.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) HAMILTON & HAMILTON, JR., Providence, R. I. Filed July 17, 1906.

★H.&H.

Particular description of goods.—Solid and plated precious-metal table ware, flat ware and hollow ware, solid and plated precious-metal toilet articles, manicure articles, sewing sets, embroidery sets, writing sets, chains, chain-trimmings, lockets, bracelets, brooches, scarf-pins, hat-pins, belt-pins, skirt-pins, stick-pins, lace-pins, cuff-pins, vest-pins, scarf-holders, veil-clasps, sleeve-buttons, link buttons, collar-buttons, shirt-studs, emblem-buttons, charms, medals and badges.

TRADE-MARKS REGISTERED SEPT. 25, 1906.

56,106. LEATHER PURSES AND SATCHELS. A. & E. LEATHER GOODS CO., New York. Filed June 6, 1905. Serial No. 7,544. Published June 19, 1906.

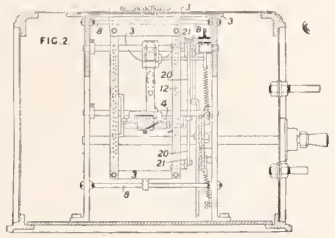
BRITISH PATENTS.

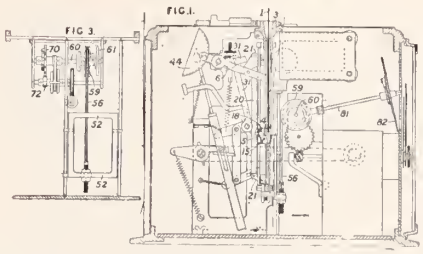
(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF SEPT. 12, 1906.

10,231. TIME-RECORDERS. J. DUNCAN, Cranbrook Park, Ilford. May 16.

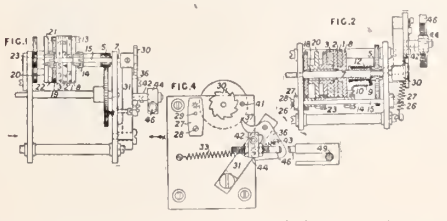
A card machine in which the record is made by the turning of a handle, in which no record is possible unless the card is properly placed in the machine slot, in which the card platform can be adjusted if the clock runs down, and in which tampering with the mechanism through the operating-handle is prevented, is shown in sectional elevations in Figs. 1 and 2. The driving-clock, the type-wheels and the method of driving them, and the inking-arrangements are ordinary. If the card 1 is not in its proper position in the receiver 3, the anvil 6, instead of the card, takes the blow of the printing-hammer 31. This is effected through the bent lever 5 mounted on the card platform 4 being allowed to move too far, past the lower edge of the card, so raising the anvil 6 into position to receive the hammer blow. The transmission mechanism between the card platform and the anvil comprises a crank 18 on the spindle 15, forming the pivot of the lever 5, a rod 20, and cranks 21, etc., etc.





10,232. TIME-PRINTING STAMPS. J. DUNCAN, Cranbrook Park, Ilford. May 16.

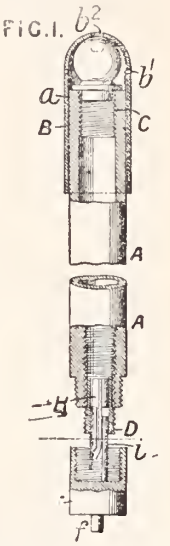
Relates to the type-wheel mechanism of workmen's time-recorders and the like. Units and tens minute-printing wheels 1, 2, Figs. 1 and 2, and an hour-printing wheel 3 are provided on a spindle 7. The wheel 1 is fast on the spindle 7, and is driven continuously through a loose pinion 5 and a connection comprising two lugs 10 on a wheel 8 fixed to the wheel 1, and an arm 9 fixed to the pinion 5. One lug 10 is maintained against the arm 9 by means of a spring 12, and the wheel 1 has freedom of movement limited by the second lug. The wheel 2 is fast on a sleeve 18 geared to a spindle 15 driven from two teeth 13 on the wheel 8 through a pinion 14. The teeth 13 are at 20-tooth pitch, and the space between them is cut away across the rim of the wheel 8. The pinion 14 has eight teeth, alternately long and short, and two of the long teeth lock against the rim of the wheel 8, except when the teeth 13 co-operate. The wheel 3 is similarly driven by means of a toothed wheel 19, a loose pinion 23, and a wheel 20, having two pairs of teeth, 21, 22. The type-wheel gearings allows of forward and backward rotation for setting the hands of the clock. * * * * etc., etc.



10,673. FOUNTAIN PENS. J. BLAIR, New York, U. S. May 22.

Relates to fountain pens which are filled by creating a partial vacuum in the reservoir. The invention also comprises a non-leakable nib-holding nozzle, through which the ink is sucked up. The pen barrel A tapers slightly from the end *a* towards the nib, but a short length at the rear end is made cylindrical to form an air-tight connection with the metal-lined cap B. This lining is secured in the cap by pins b^1. The rear end of the barrel is closed by a plug C which, when partially unscrewed, allows air to pass into the interior of the barrel. To fill the pen the cap B is removed, the plug C loosened, and the pen dipped in ink. The cap B is slowly passed on to the barrel, the hole b^2 being closed by the finger; the cap is then slowly pulled off again, the ink being thus drawn up into the barrel. The plug C is finally screwed up tight. The nib nozzle D is screw-threaded on its front end and contains the feed-bar H which is flat on its under side. The nozzle may be screwed out of or into its operative position, as shown by dotted lines, by means of a bar *i* fixed inside the nib cap F, which bar fits the recess between the feed-bar H and the nozzle. The cap F screws on to the barrel when the pen is out of use, but otherwise is supported on the plug C by means of the projection *f*.

FIG. 1.



Complete specifications accepted Sept. 5, 1906.

1905.

17,779. TEAPOT. COX.

1906.

5,578. HAIR-CURLER. MORELLE.

10,171. FOUNTAIN-PEN. NAPLETON.

Applications filed Aug. 27 to Sept. 1, 1906.

19,114. BRACELET. ISIDOR EMRICH, London. Complete specification.

19,155. JEWEL MOUNTING. J. W. MACKENZIE, London. Complete specification.

19,202. EYEGLASS FRAME. CARL WILLMANN, London.

19,212. KEY-RING. CARL WEBER, London.

19,271. KEY-RING. THOMAS WILCOX, Birmingham.

19,375. SPECTACLES. GEORGES SCHAFFER, London.

19,382. LIGHTING OF DIALS. HUGO WOLF and KARL BROCH, London.

19,420. TIME REGISTER. ARTHUR WINSER, Portsmouth.

19,436. ILLUMINATED CLOCK. WILLIAM ALDERSON, Manchester.

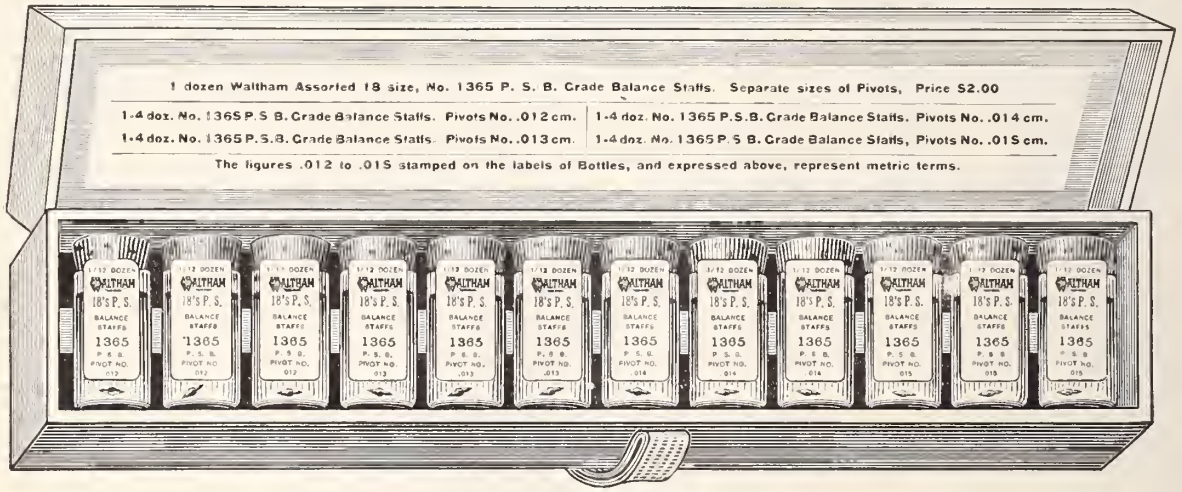
19,458. COMB-FASTENER. ROBERT MEIXNER and LUDWIG SCHWEIGER, London.

19,514. HAT-PIN SECURER. HARRY BLOOMER, Birmingham.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.

SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE
NUMBER	163	277	278	279	280	281	450	450 A
	LENGTH OVER ALL .615 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .570 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	LENGTH OVER ALL .650 CM. DIAMETER OF BAL. SHOULDER .130 CM.	LENGTH OVER ALL .615 CM. DIAMETER OF BAL. SHOULDER .130 CM.
PRICE PER DOZEN	$2.00 & $3.00	$1.50 TO $3.00	$1.50 TO $3.00	$1.50 TO $3.00	$1.50 TO $3.00	$1.50 TO $3.00	$4.00	$4.00



WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD PATENTED, JUNE 5TH, 1894.

INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P. S. Bartlett and Royal Grade, -	2.00	.25	.45
17-19 Jeweled or A. T. & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade,	4.00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5.00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.



A Complicated Clock of Unusual Interest.

FORMERLY when an artisan wished to be recognized as a master craftsman, says *La Machine*, he was compelled to devote his talent and skill to the production of a masterpiece—that is to say, some piece of work adjudged by some special judges to be worthy of raising its author to the rank of "master." Those times are now remote, and masterpieces are rare in our days; hence we are happy to present one which would surely have gained for its author the much-sought distinction. It is a complicated clock, made by L. Sandoz, the well-known inventor of Geneva, and which

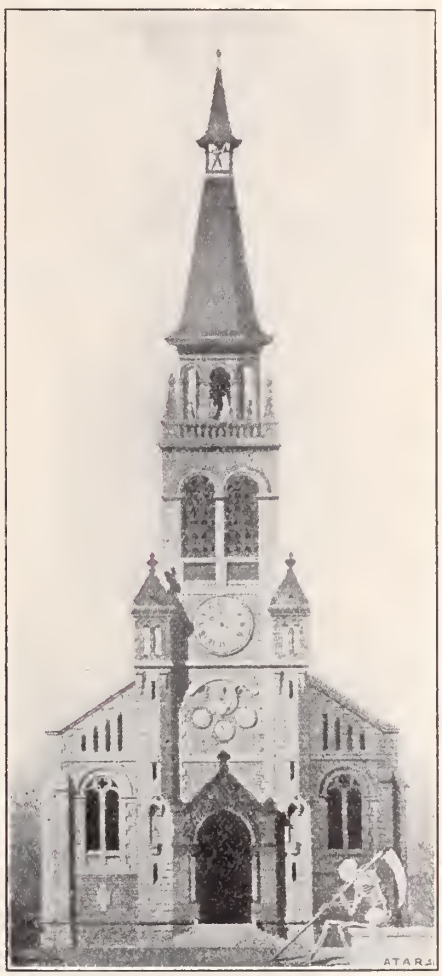


OBVERSE SIDE OF CALENDAR MOVEMENT.

is a veritable masterpiece of patient work and mechanical skill.

Clock-making, the subtle art of counting time, affords great opportunities to the inventor, and Montague has said that it is one of the most beautiful inventions of the human mind. Its progress in scientific development through the course of ages is well known; beginning by counting the lunar periods, then continuing with sun-dials. The first of these latter were the palm trees of the Orient, whose shadow the sun threw on the sand, and the obelisks of which, according to Joseph, were used to determine the hour of noon. One of the best known sun-dials was that of Achaz, King of Judah. They were called gnomons, and the Greeks and Romans made large numbers of them. The one built by Manlius on the field of Mars at Rome was 116 feet high.

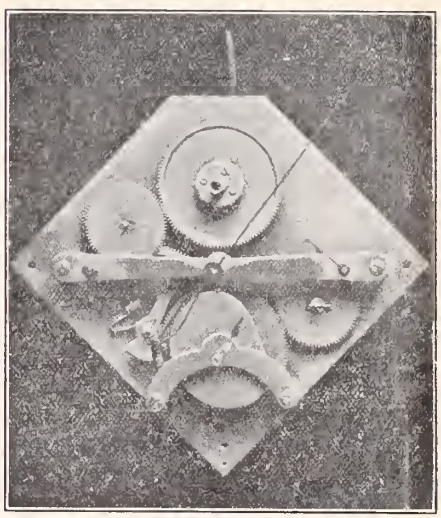
After the gnomon came the hour glass and the clepsydra, or water clock, used by the people of ancient times, and improved by Plato and Aristotle, the latter of whom invented toothed wheels, to which Ctesibius



SCIENTIFIC CLOCK MADE BY L. SANDOZ.

added the dial plate. By improvement and inventions we finally came, thanks to the work of Boece, Cassiodore, Pacificus, Bishop of Verona, and others to the invention of the escapement and the driving weight by Gerbert, in the 10th century, who from a keeper of sheep became Pope under the name of Sylvester II. The *Annales Bénédictines* attest this discovery, which was the beginning of modern clock-making. To quote: "Gerbert was the inventor of wheel clocks, moving without the aid of water."

This important discovery gave birth to the great art of clock-making, in which excellent artists distinguished themselves—Wallingfort Jacques de Dondi, of Padua; Jacquemart, Henry de Vic, Jean Jouvance—makers of masterpieces of complicated mechanism of which the middle ages were proud. This art, characterized by delicacy and patience, little by little, was lost, and the watch put an end to those marvelous clocks whose bronze notes pealed out from the towers of Gothic cathedrals. There still remain, however, some of those patient



REVERSE SIDE OF CALENDAR MOVEMENT.

toilers who have preserved the ancient traditions of the art, and L. Sandoz, an artisan at Geneva, is a living proof of that fact. He has just built a complicated clock which can be counted among the wonders of scientific clock-making. It is placed in a cathedral two and a half meters high, the work of Jules Hedmann, an architect at Geneva. On the façade are seven separate dials which indicate: (1) The day of the month with the leap year, a very complicated piece of mechanism, by reason of an error of 36 minutes which repeats itself 40 times, making a total of 1,440 minutes, exactly equal to one day. This compels the elimination, every 40th time, of the 29th day of February; the mechanism rectifies this error. (2) The days, (3) the months and the signs of the zodiac. (4) The large



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Escapements as Constructed by Various Horologists.

Translated for The Jewelers' Circular-Weekly, from the *Almanac de l'Horlogerie et de la Bijouterie.*

AT the outset of these articles we divided the different escapements, both of watches and clocks, into three distinct categories. The first two, recoil and dead-beat escapements, might strictly be included in one, being essentially distinguished from the third, which is that of detached escapements. In horological treatises authors are generally not content with these three classes. They speak of detached escapements, constant-force escapements, gravity escapements, detent escapements, and others. They describe the mechanism which presents such characteristics that their classification is often difficult; but all these are generally detached escapements.

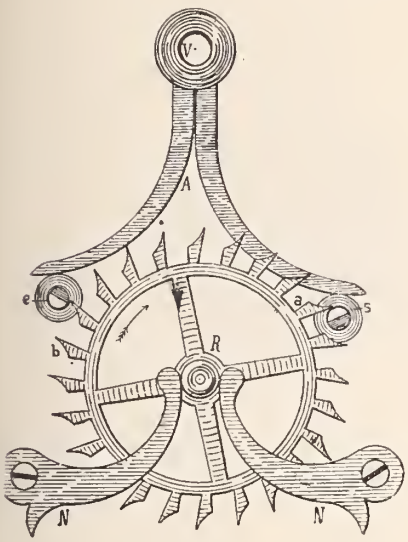


Fig. 1.

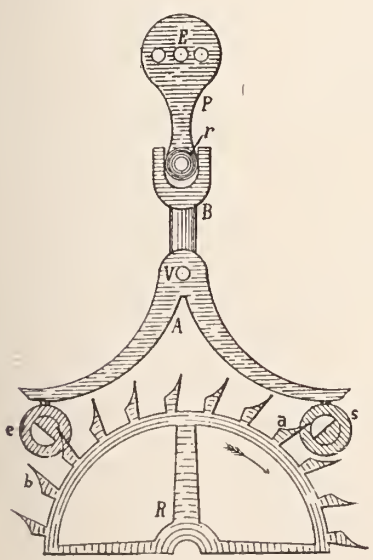


Fig. 2.

We simply adopt the designation "detached escapements" for mechanisms in which the regulator, balance or pendulum, contrary to what occurs in dead-beat escapements or those without recoil, accomplishes its oscillation in complete independence of the mechanism, and is in contact with the escapement only during the time of the unlocking and the impulse.

Notwithstanding the simplification which we introduce in the classification of escapements, it is not possible to give our descriptions according to a determined plan. We seek for the moment to utilize as rapidly as possible all the information within reach, as well as the numerous descriptions we receive, and we shall have later to co-ordinate these materials and form a collection in which a more suitable order may be observed.

Our last article was exclusively devoted to the dead-beat clock escapements without recoil. We shall give some further varieties of this class.

The Brocot escapement, which we represented in our last article (Fig. 19) is a modified Graham escapement in this respect.

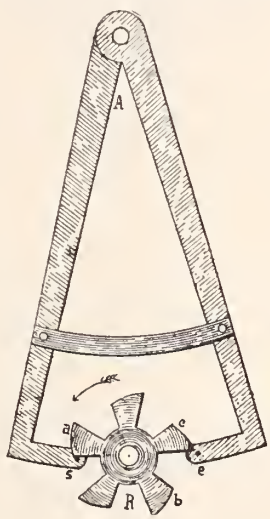


Fig. 3.

that the working of the teeth of the wheel takes place on rollers, cut longitudinally up to their diameter. It is called the "roller escapement." The locking is effected when a tooth presses on the top of the arc of the semi-roller, and the impulse results from the pressure exercised by the point of the tooth against the rounded flank of this roller.

The Brocot escapement is more generally employed as an escapement visible on the dial of clocks. For this purpose it is arranged as seen in Fig. 1, and it thus constitutes a real ornament for the clock. The anchor A, of elegant form, is gilded, as well as the bridge N, under which the wheel is pivoted. This bridge is fixed by means of two polished screws. The wheel is also polished, and the two rollers with which it works are of sanguines. The whole is of elegant appearance.

We have already explained the functions of this escapement, and we return to it now only to notice the arrangement under which it is oftenest met with. The Brocot escapement is more readily executed than the Graham escapement, and it gives, in ordinary clocks of small size, quite satisfactory results. This escapement is generally classed among dead-beat escapements, but it has, however, a slight recoil, which is noticed especially in large oscillations. This recoil corrects in part the irregularities of the motive force, which the pendulum, generally short and light, is not able to compensate. The teeth of the wheel do not meet an angle in passing from the locking to the impulse, which appears to be a characteristic; but the son of M. Brocot does not appear to have had the same opinion, since he modified the construction invented by his father, and converted the circular part, on which

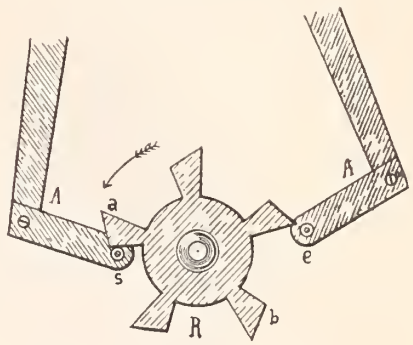


Fig. 4.

the tooth operates the lift, into a rectilinear plane, which may be, according to need, more or less inclined, according to the ratio of the balance arc adopted. This change was introduced by M. Brocot's son in a clock which he exhibited in 1849.

It is evident that the lift on an inclined plane is more regular than on the curve of the roller, where it is almost null at the commencement of the action, more active in the middle, and terminating in a strong drop.

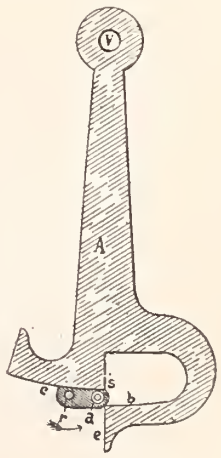


Fig. 5.

M. Brocot's son attempted another improvement. He established the escapement of his father with two rollers of greater diameter and with more extended cut. The curve on which the teeth accomplished their impulse, instead of being semi-cylindrical, was only the segment of a circle of greater diameter. The angular movement of the anchor or balance arc remained the same as with the semi-cylindrical roller. The action of the wheel was exercised during an identi-

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cal angular displacement of the pendulum, while the circular movement of the wheel hand indicates mean time—that is to say, it shows the number of minutes which a well-regulated clock is fast or slow, as compared with apparent time. (5) Phases of the moon, which requires a mechanism of such precision that a lunation may be accomplished within 0.0008 of a day. (6) It indicates the years, by means of a metallic ribbon which passes behind the little opening placed above the ogive of the entrance, and upon which are written the years from 1900 to 2500, or a duration of 1,500 years. (7) The hour dial, which presents a peculiarity, namely, the clock to which it belongs strikes the half and quarter hours in a way to give the effect of the ringing of all the bells of a real cathedral. Above the hour dial are the 12 apostles, who move each time the chime rings. The chime is composed of 12 bells, and plays several airs. At the top of the tower, in the belfry, which is under the spire, is an automaton, which strikes the hours. Below on the esplanade, before the entrance, is another automaton, representing Death in the form of a skeleton, which raises its head every hour and counts the strokes and then resumes its attitude of repose on its scythe until the following hour. On the front of the principal door is inscribed in Latin, "The shadow of the hours conceals the flight of time." All the automata are set in motion by a mechanism which is driven by compressed air.

On the right-hand side of the tower is an astrolabe represented by a dial, on which is seen the sun in the form of a metallic sphere gilded and fixed; around the sun is the ecliptic, the path of the earth around the star of day for a year; on its way the earth shows the months, the seasons, the equinoxes, the solstices and the signs of the zodiac. The earth, by a combined movement, turns once a day on an axis inclined at an angle of 23° 27'. Her faithful satellite, the moon, takes 29 days, 9 hours, 31 minutes, 8 seconds to make a revolution around the earth, upon an axis inclined 5° 8' 47"; this period represents a lunation. Besides its passage around the earth, the moon has another movement called the Metonic cycle, from the name of the mathematician who computed it. In astronomical language it is called the Enneadecateride. This Metonic cycle is completed in 19 years, a period which is equivalent to 235 lunations of 29½ days.

The mechanism which controls this has one wheel which completes its revolution in 19 years, thus permitting the orb of night to show us her exact position in the heavens, and her precise relation to our planet.

The function of this complicated mechanism, then, is to show during every hour of the day and of the year the position of the moon with reference to the earth, and that of the earth with reference to the sun. The ecliptic, or the apparent path of the sun among the stars, is of very great interest; this apparent course is due to the real movement of the earth around the sun. The ecliptic is divided into 12 parts, representing the 12 signs of the zodiac. By reason of the inclination of the axis of the earth to the plane of its orbit the ecliptic forms an angle of 23½° with the equator. The year is divided into four astronomical seasons, corresponding with the signs passed through by the sun. When the sun enters the constellation of Pisces, Spring begins, and during this season it passes through Pisces, Taurus and Gemini. When it enters Cancer, which marks the northernmost position of the sun, we are at the beginning of Summer. The different signs of the zodiac and the constellations which belong to it have kept company for thousands of ages. The constellations of the ecliptic are not only crossed by the earth, but also by the moon, the planets and the greater part of the asteroids.

In this magnificent mechanical design, sufficiently ingenious to show the eternal motions of the spheres, we see one wheel which will require 4,000 years to complete its revolution—we say 4,000 years, but it is only from a theoretical point of view and as a curious fact, for before the 10th part of that revolution shall be completed the clock will have become a mere souvenir. Let us look at the left-hand side of the tower, which represents a celestial map in the latitude of central Europe. This planisphere shows, every day, the stars which shine in the heavens above our heads. An ecliptic shows the position of the sun and the hours of its rising and setting. Above this planisphere is an aneroid barometer whose task it is to tell whether these same heavens, whose mysteries we have just explored, will be hazy or clear, of a brilliant azure or curtained with clouds.

Finally, on the fourth side of the tower are found the 12 bells of the chime. For four years Mr. Sandoz, the inventor of this incomparable mechanism, has worked on it, and two years more will be required to finish it.

It is proper to congratulate this artist, with his persevering talent, upon having brought back among us this respectable art —*subtil et solennel*, as an old writer of the 14th century said—which shows the triumph of human genius over inert matter; and upon having found in the person of the architect, J. Hedmann, another artist, to put this wonderful mechanism in a habitation worthy of it.

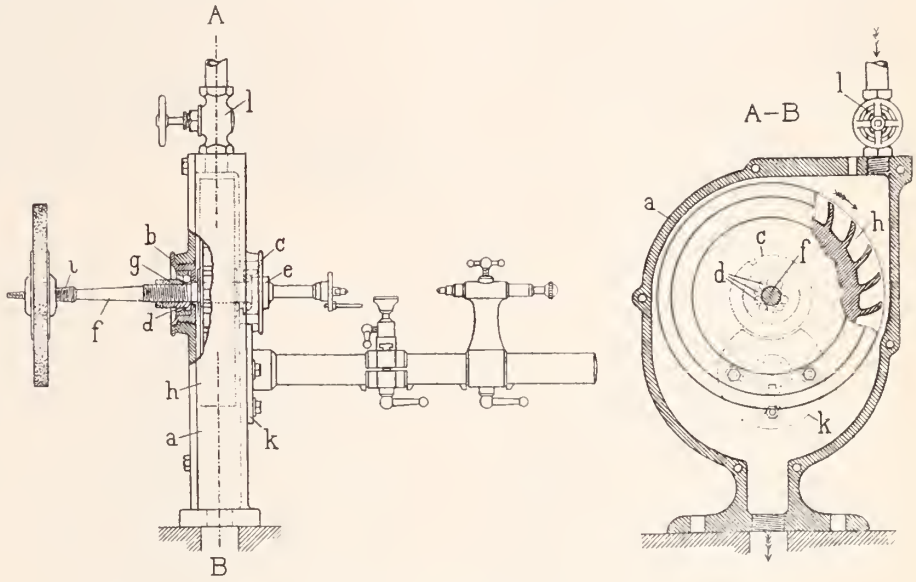
Watchmaker's Lathe Propelled by a Turbine.

A WATCHMAKER'S lathe, propelled by a turbine, has been invented by Otto Frank, of Luhr, Baden, and patented in the German Empire Jan. 4 1905 (No 165,847). The invention, as described in the Leipziger *Uhrmacher Zeitung*, consists of an apparatus for driving a watchmaker's lathe by means of a small turbine constructed in such a manner that the shaft of the turbine serves at the same time for the spindle of the lathe and the case of the turbine for a support for the bar of the lathe.

Fig. 1 gives a view of the lathe with a longitudinal section of the rear bearing, and Fig. 2, a section along the line A-B, of Fig. 1.

The two ball-bearing caps b and c are screwed into the casing, a, of the turbine, and contain the balls, d. These balls run on one side, on the shoulder e of the shaft f, and on the other on the cone g, which is screwed to the arbor. The turbine blade-wheel h, in the case of the turbine, is connected with the shaft f. The various chucks and vises can be fitted to the front part of the shaft, while the rear end of the latter, projecting from the case a, is provided with a conical thread for the grinding and polishing wheels.

The bar of the lathe is screwed to the case of the turbine by means of the flange k. A valve, l, is fixed to the case and connected with the water supply, and serves to regulate the inflow of the water and the number of revolutions of the blades.



WATCHMAKER'S TURBINE LATHE INVENTED BY OTTO FRANK, BADEN.

H. B. Shellito, Sault Ste. Marie, Mich., sold out recently to W. J. Feetham.

The first clue to the thief who recently broke into the store of Morrill Bros., Manchester, N. H., and escaped with a tray of diamonds valued at nearly $1,000 was discovered one afternoon recently, when a tray was found on N. State St. and turned over to the police after having been identified by Mr. Morrill as his property. A further search of the premises failed to reveal any of the rings which had been stolen.



These advertisements in the October issues of the leading magazines will reach

5,000,000 SUBSCRIBERS

and a total of 25,000,000 ACTUAL READERS

This advertising is going to come home to you personally, Mr. Jeweler.

We have loosened the most subtle, all-powerful influence in the business world to-day—comprehensive, convincing national advertising—and with this trade-compelling force you must reckon.

It is going to work either for or against your own personal pocketbook—going to send new customers into your store or into your competitor's store. Which shall it be?

Hadn't you better ally yourself with us—work with us along the easy, profitable lines of least resistance, with the assurance that the

New England

ADVERTISING WILL BE YOUR SALESMAN

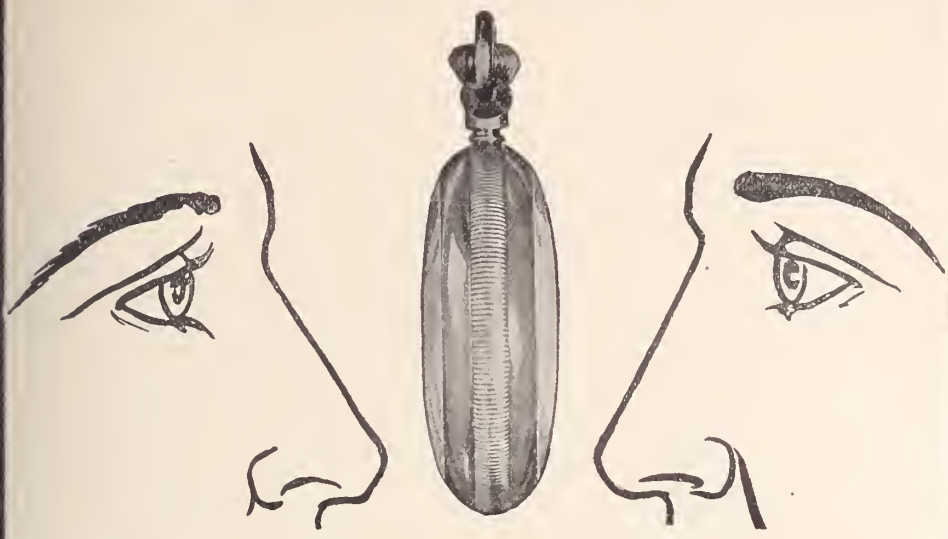
Let us be partners. We offer you not flattery and coaxing, but substantial salesmaking aid. We offer you not only watches to fill your show cases, but new customers to empty them. Will you join hands with us? We offer you what every business man wants—increased sales—profits. We offer you the assurance that the New England line will break all records during this Fall and Winter season.

Won't you reap your share of the profit? Write us to-day, now, for the details of our plan for giving you real trade-getting, profit-making aid. Address

DEPARTMENT OF PUBLICITY

NEW ENGLAND WATCH CO., Waterbury, Conn.

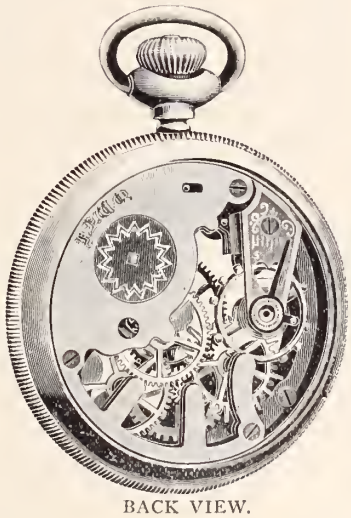
You Can Look Right Through



The Skeleton Watch



FRONT VIEW.



BACK VIEW.

The Skeleton Watch is a novelty that sells; that will attract unlimited attention if displayed in your window. The movement is skeletonized throughout so that all the working parts are distinctly visible. You can see right through it.

The case is thin model; made with fine, clear crystals, front and back, these being especially ground to make a graceful contour of case. This makes a light, practical, pleasing and most fascinating timepiece.

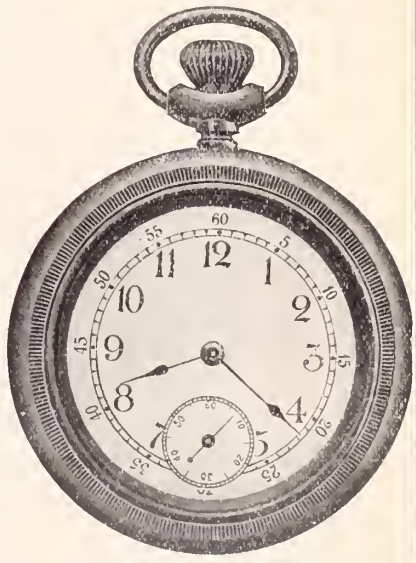
The Skeleton will prove a profitable novelty for you this Fall.

TRADE PRICES:

No. 981	Nickel Silver	Price	$2.50
2581	Sterling Silver	"	4.50
181	Gun Metal	"	3.00
4981	10-Karat, 20-year case	"	6.50

THE COWBOY





The very latest in a strong, finely finished watch.

Open face, nickel silver, screw case. Stem wind and set. Six jeweled movement.

Flat parallel crystals; 10-karat gold filled crystal ring, and gold filled crown.

The Cowboy is in every way a desirable timepiece; durable, stylish and one of the best sellers in the New England line.

Trade Price, $3.00
Retail Price, 5.00

Address DEPARTMENT OF PUBLICITY

NEW ENGLAND WATCH CO., Waterbury, Conn.

AN ERA OF SIMPLIFICATION

THE SPELLING REFORM now being discussed so extensively is simply a symptom of a general modern tendency towards simplification. The principle is exemplified by the growth of system in business and the adoption of ingenious labor-saving devices.

These offices stand for convenience and simplicity in the field of Watch Supply. The promptness of the service and the absence of complications are in harmony with the most up-to-date business conceptions.

CHICAGO
103 STATE ST.

J. W. FORSINGER,

LEADING AMERICAN WATCHES AND MOVEMENTS

NEW YORK
2 MAIDEN LANE

OMEGA



MOVEMENTS ARE FINE TIME PIECES.

All made with Lever Escapements and Double Roller.
Pendant Set. Fitting American Cases.

Made in 6 Different Grades.

10 LIGNE. 11 LIGNE. 0 SIZE. 12 SIZE. 16 SIZE.
From 7 Jewels to 21 Jewels,
Adjusted to heat and cold and 5 positions.

Why is it so many watch movements are sold under the plea that they are just as good as the Omega? There must be a reason.

PRICES NOT ADVERTISED IN ANY JOURNAL.

A Trial will convince you of their merits. Send for price list.

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NEW YORK.

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NEW YORK.



was reduced a little less than one-half, which permitted of increasing the number of teeth, and consequently of obtaining a longer sweep by the pendulum. Practice has shown that this change was rather harmful to the good working of the mechanism.

In 1867 an inventor presented at the exposition of that year a roller escapement, modified, or rather complicated, as shown in Fig. 2. The lever pivots at V as usual, but the arbor does not carry the fork. The latter is fixed on another arbor, E, which communicates with the arbor V by the intermediation of two arms, B and P. The first of these arms, fixed to the lever, carries two horns, between which acts a roller *r*, mounted on the arm P, fixed on the arbor carrying the fork. We do not see the advantages which the author claims to have realized in this complication, and so will not stop to enumerate them.

* * *

In describing the Graham escapement we stated that the impulse planes might be carried by the teeth of the wheel, instead of being on the pallets of the anchor. One of the illustrations exhibited an escapement established on this principle, and we explained that this construction had been recognized as practically defective.

Attempts have been made to improve it by substituting pins for the sharp beaks of the pallets. Fig. 3 represents an attempt of this kind, due to the horologist Perron, and constructed in 1832. The pins borne by the pallets *s* and *c* are as small as the impulse force permits. The wheel has only five teeth, of which the inclines alternately press back the pins.

Our illustration represents the escapement at the moment when the tooth *c* is escaping from the pin *c*. The tooth *a* becomes locked on the pin *s*, the anchor oscillates to the right and accomplishes its supplementary arc. It returns in the opposite direction, and the tooth *a* can then communicate a new impulse by repelling the pin *s*.

Another arrangement of the same system is represented in Fig. 4. Here the pins, which occasion a frictional locking, are replaced by revolving rollers, which give much gentler rolling friction; but the width of the impulse faces of the teeth of the wheel have had to be diminished, and it is not possible to avoid a much stronger drop than that which occurs in the preceding mechanism.

* * *

In Fig. 5 we have the mechanism called the "crank escapement," which appeared for the first time at the Exposition of 1827.

Its name is derived from the fact that the 'scape wheel acts somewhat as a simple crank. It is pivoted at *r*, and is formed of a single arm, which bears at *a* a roller working with the escapement piece. This escapement piece or anchor, A, has its pivoting point at V, and the same arbor carries the fork. It might as well form one piece with the pendulum itself and be adjusted on the rod. *c* and *s* are two impulse planes; *b* and *c* the two locking faces. The escapement action is very simple; the wheel, turning in the direction indicated by the arrow, gives an impulse by acting on the plane *c* of the entering pallet, and the roller *a* is arrested by the locking *c*. The oscillation ends on the right, and then the anchor returns in the opposite direction. The crank may then continue its rotation, and the roller *a* slides against the plane *s* of the exit pallet, pressing this pallet to the left. A new locking is effected on the face *b*. This locking is followed by a new impulse against the face *c*.

Fig. 6 exhibits a mechanism established on the same principle as the preceding, but with a 'scape wheel having three arms instead of a single one. The escapement piece A, which we continue to call "anchor," is adjusted directly on the pendulum rod P; *c* and *s* are impulse planes, and *b* and *c* locking planes. In the illustration, tooth 1 of the wheel is seen on the point of giving an impulse from left to right to the pendulum, acting against the plane *s*. When a certain arc has been passed over, this tooth

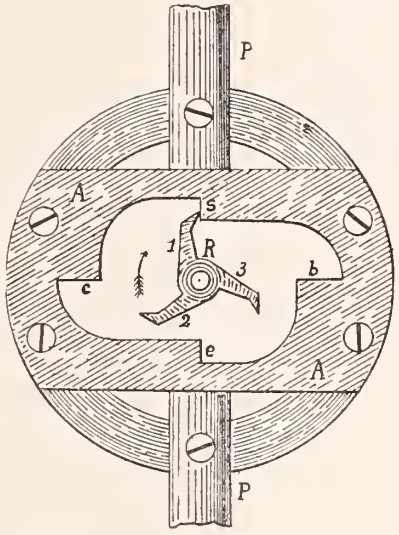


Fig. 6.

will escape, and the locking plane *c* will be in position to receive tooth 2. The supplementary arc takes place during this locking. Then, the pendulum oscillating in the opposite direction, tooth 2 will quit the locking, which allows tooth 3 to give an impulse against the plane *e*, and tooth 1 will become locked at *b*.

This escapement was first adopted for the colossal Westminster clock at London, constructed in 1853 by the horologist Dent. While waiting for the completion of the tower which was to receive it, this clock was for five years accessible for observation. It did not give the results expected. The escapement was replaced by another mechanism invented by Denison, a mechanism which we shall describe later.*

(To be continued.)

*The frequent assertion of writers on horological subjects that the Westminster clock was constructed by the celebrated horologist Dent, after designs prepared by Mr. Denison (afterward Lord Grimthorpe), needs some qualification. Mr. Denison, a member of Parliament, who was associated with the astronomer royal as committee for superintending the construction of the clock, had made the study of clockwork an amusement from babyhood. He was a man of independent and positive character, and soon the whole care of the work was left to him. Mr. Dent, already famous, was the only London clockmaker who would comply with Mr. Denison's inflexible requirement that the clock should not vary more than one minute a month, which others declared to be impossible of realization. Mr. Dent entered into Mr. Denison's views and co-operated fully, but died in 1853, before the completion of the work. Mr. Denison then gave more personal care to it, in connection with Mr. Dent's son, by whom it was completed. In France Mr. Denison's name has been perpetuated, linked to his great invention, the double three-legged gravity escapement being designated as *l'echappement Denison.*—*Note by Translator.*

Filipino Tuition in Horology Suggested.

Albany, N. Y., Sept. 26, 1906.

Editor The Jewelers' Circular-Weekly:

A FRENCH school of horology at Tananarive, Madagascar, boasts of 80 native students under a French professor of horology. He declares these aboriginal pupils are so apt they will soon supply the local market with workers as competent as the Europeans.

The school is now being enlarged to include a course in designing. Studios for engraving and jewelry work are to be opened for the most talented pupils. The native Hovas are noted for artistic taste.

What France can do for her Madagascan natives perhaps Uncle Sam might undertake for his Filipinos. The latter appear to have considerable natural talent in designing.

C. W. C.

Horological Notes.

IN the grounds adjacent to Wentworth Castle, in England, is to be seen a unique sun dial, which is composed of a fine yew tree for the pin and closely cropped box bushes for the Roman figures and borderings. It was planted over two hundred years ago, and is still in a good state of preservation. Its timekeeping compares favorably with sun dials of more modern construction.

A new clock was recently installed in the tower of the First Baptist Church, in West Lynn, Mass.

A dispatch from Greenville, S. C., says that city is without a single public timepiece, and that as far back as 1878 about $600 was collected by subscription to purchase a clock, but the funds were never utilized for that purpose.

A resident of Racine, Wis., has received an old clock made by Gowan Brown, of Boston, and for a long time owned by her great-grandfather, Capt. John Parker, of Lexington battle fame. The clock, made prior to 1770, has kept correct time at the Parker house for more than 135 years.

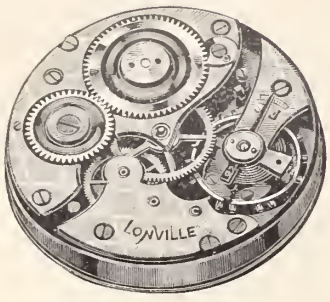
A new tower clock, donated by P. E. Sanford, will shortly be installed in the Methodist Church, in Warwick, N. Y., by the E. Howard Clock Co. It will have three black dials, four and one-half feet in diameter, with gold figures, and will strike the hours and half hours.

A watch was bought and formerly owned by John Gushert, of Hagerstown, Ind., in 1799, and after his death, which occurred in 1880, the watch became the property of his son John. He in turn kept it until his death, in the Fall of 1904. At the sale of personal property at the old Gushert homestead, in the Spring of 1906, the watch was bought by Henry Gushert, brother of John Gushert, deceased. Henry Gushert presented it to his little grandson, Paul Henry Gushert, son of Elmer Gushert, of Hagerstown, who is now the present owner of the heirloom.

LANGENDORF'S WATCH CORNER

TRADE MARK TRADE MARK

Don't be slow! "LONVILLES" are selling. Carry in stock what your customers call for. If your jobber cannot supply you, write to



LONVILLE Movements are being made in 0s, 12s and 16s. No Pillars, everything is solid, and nothing has been spared to make them, in every respect, a first class Lever Movement.

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A Complete Line of the Celebrated

NARDIN WATCHES

Thin Minute Repeaters, Split Seconds, Movements fitting American Cases, Ship Chronometers and Torpedo Boat Watches can be secured through

R. NEWBURGH

Sole Agent

12-16 John Street NEW YORK

Manufacturer of the Current Grade Colbert Watch

46 out of 99 PRIZES

were awarded to

PATEK, PHILIPPE & CO.

in the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

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JULES JÜRGENSEN

Watches and Chronometers

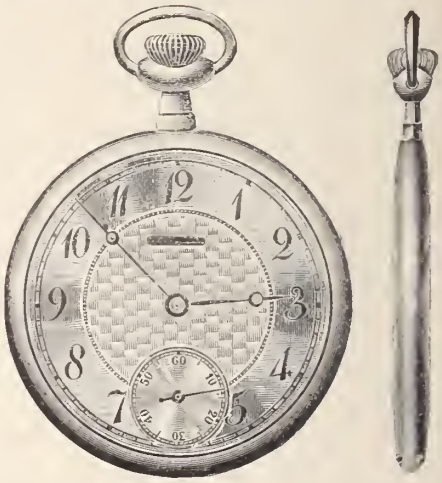
PARIS—"THE GRAND PRIX"—1900

SOLE AGENTS

RUDOLPH & SNEDEKER, 65 Nassau St., New York

THE LANCET

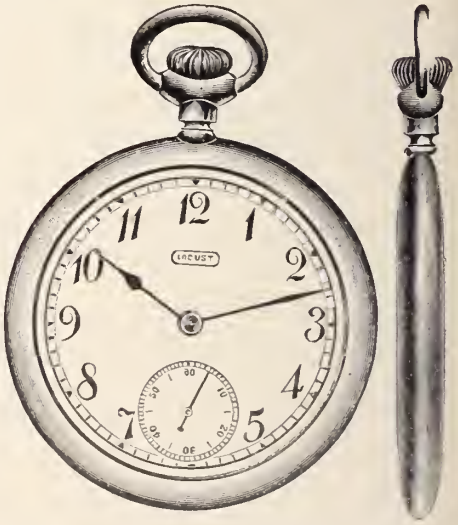
15 and 17 jewel, adjusted, cased in 25-year Gold Filled hinge, or Solid Gold, 14 Kt. The best and most attractive thin watch on the market.



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THIN MODEL

7 jewel, lever, cased in 20-year Gold Filled, Screw back and bezel. Also in Nickel, Gun Metal, Etched and Silver.



The LANCET and LOCUST offer best value. Quality absolutely guaranteed.

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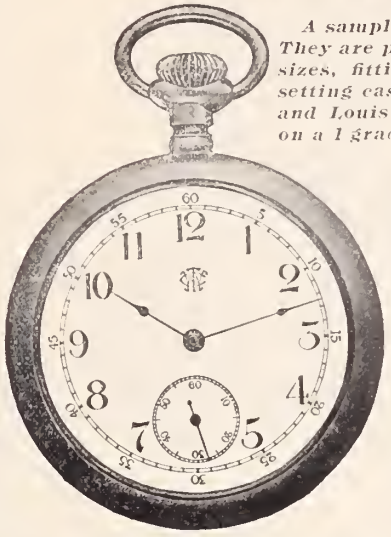


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TRADE WATCH MAKERS

We do trade work all over the United States.
Fine Work, Low Prices. Quick Returns.

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The bows are stamped 14 K.
Special designs made to order.

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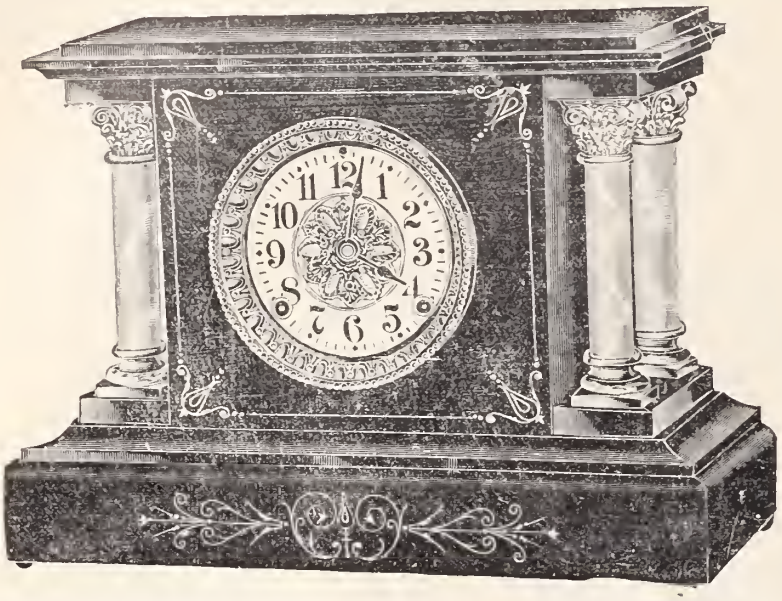
16 Boyden Place, Newark, N. J.

Practical Course in Adjusting. Published Price, $2.50. Special Reduced Price, $1.50. All jobbers, or Jewelers' Circular Publishing Co.

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Wood Case, Adamantine Finish. Eight Day, Half Hour Strike. Half Hours on Cup Bell, Hours on Cathedral Bell. 5-inch Dial. Adamantine Onyx Columns. Gilt Metal Caps and Bases.

Height, 11¼ inches. Base, 15½ inches. **List Price, $10.00.**

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C. L. Guinand Split Chronographs with Minute Registers

The Turfman's Standard.

Remarkable for accuracy and reliability. Are cased in Gun Metal, Silver filled and Gold. Prices reasonable.

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Importers of all grades of Watches and Movements.

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We have just received from our printer

Our New 1907 Catalogue of

CUCKOO CLOCKS

and we should like every Jeweler to have one.

It is the finest cuckoo clock book ever issued in this country, and contains an interesting talk to dealers about

THESE UNIQUE CLOCKS AND THEIR COST

(Some of the trade papers have said some nice things about this catalogue.)

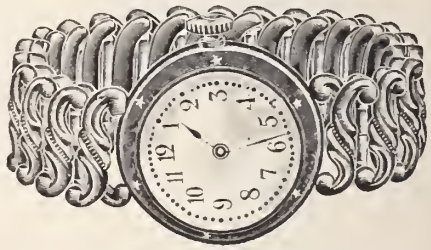
No dealer should think of ordering his fall supply without having read through this new catalogue of ours. Lay this paper aside for a minute and send us your business card.

We'd like to make sure that you are on our mailing list.

AMERICAN CUCKOO-CLOCK COMPANY

Cuckoo Clocks and other Unusual Clocks

STATION S. PHILADELPHIA



THE MINERVA

GOLD FILLED

Watch Bracelet

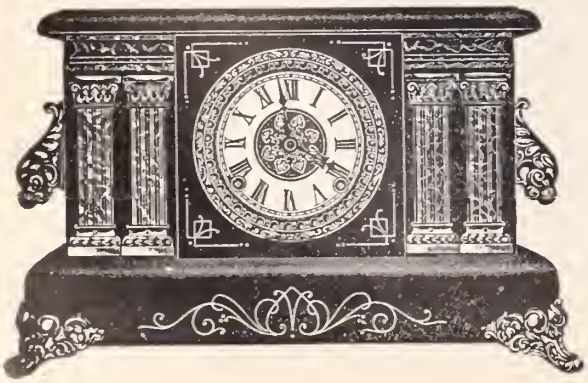
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Superior finish. Reasonable prices.

Have you seen our

New and Exclusive Designs

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THE WESTERN CLOCK M'F'G CO.

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51 Maiden Lane

LA SALLE, ILLINOIS.

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PATENT APPLIED FOR.

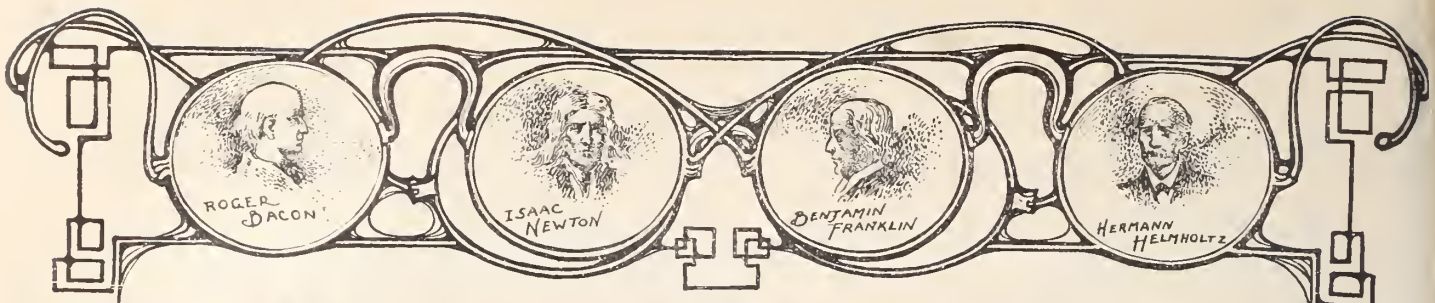
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I am the clock you have all been waiting for: the reliable low priced intermittent alarm—and I am just as good as I sound. There's nothing about me to get out of order—no extra wheels—nothing to ruffle your temper. I'm so simple, it's a wonder nobody thought of me before.

"Western" bred too. I have the Friction-Less Pivots and the Self-Centered wheels and the Hard Steel Pallet Escapement. I've got to be punctual.

And I am not bad looking either: pretty well built, 7 inches tall, well polished and a winsome, attractive face. Hadn't you better be the first to show me your town? I'll mean dollars in your pockets.

THE ALTERNATING.



OPTICAL DEPARTMENT

Atropine Pronounced Dangerous in Medical Circles.

AT the 100th annual meeting of the Medical Society of the City of New York some remarks were made that clearly showed what feeling some physicians entertain concerning optometry. Dr. A. E. Davis sketched the history of the use of glasses. The same old time-worn history—which optometrists know by heart. Further on he stated that Dr. S. Weir Mitchell had taught almost more than anyone else, how many symptoms might be caused by errors of refraction. How did Dr. Davis come to overlook Ranney, Gould and Prentice?

Dr. Davis believed that cycloplegics have been very much abused in ophthalmological practice, and he has learned not to use them with patients over 10 years of age. Since he has ceased using them, he has had to change fewer glasses.

With regard to muscular insufficiency, he was not satisfied with correcting this class of defects with glasses and the use of prisms. It seemed inadvisable to him. Dr. Valk said that convex glasses would not correct muscular deficiencies, and they required special correction.

The same old story. The doctor would misinterpret data rather than admit the truth, simply because the truth aids the optometrist's cause. Drs. Davis and Valk state here that glasses will not correct muscular deficiencies—but they fail to state whether or not operations or other means will do so. Yet Dr. Valk, in the *Ophthalmic Record* for January, 1906, states that the surgical treatment of squint has not advanced one iota in the last 10 years, and this is due to the fact that not enough attention is given to visual acuity, etc. Dr. A. G. Bennett believed that in many cases the use of a mydriatic enabled the physician to select glasses with more assurance.

A mydriatic simply enlarges the pupillary area, and if Dr. Bennett had the ordinary skill demanded of an optometrist, he could select glasses with the use of the drug.

Dr. Connor said that it was important not to give the opticians a hold by which they might secure the passage of an optometry bill. "Ah! there's the rub." He practically advises the continued use of poisonous drugs, even when known to have been grossly injurious in many cases, just so that the optometrist may not "get a hold." He goes on to say that he has seen individuals who had been fitted with glasses by most distinguished specialists, and yet got no relief. Their muscular insufficiencies were corrected by prisms. Prisms seem to leak out most inopportunely. He cites one notable case, too, in which the slight prismatic correction gave the patient comfort for 15 years.

Dr. Hubbell said that he had challenged Dr. Davis' ideas concerning cycloplegics. Dr. Davis replied that cycloplegics were more dangerous than is usually admitted, even so mild a cycloplegic as homatropine having on several occasions produced glaucoma.

Optometrists must continue to develop means whereby latent errors may be uncovered and estimated. They must also continue warning the public against submitting to the use of "drops" in cases where refractive errors are to be corrected.

Optical Notes and Briefs.

F. Hubbell, optician, has taken a position with the Capo-Hohusen Jewelry Co., Tucson, Ariz.

Mr. Dodge, representing the Johnston Optical Co., Detroit, Mich., was in Omaha, Nebr., recently.

Dr. Manasse, eye specialist, is at present occupying part of the store of the Keystone Jewelry Co. on Van Ness Ave., near 3d St., San Francisco, Cal.

The Standard Optical Co., which moved from 217 Kearny St., San Francisco, Cal., just a few days before the fire, to the Shreve building, has just opened a store on Van Ness Ave., near Eddy St.

The Empire Optical Co. is offering several prizes for the most appropriate name for Toric lenses. Copyrighted names now in use are not to be considered. The contest, which is to close Dec. 31, is attracting some interest and is proving a novel means of advertising the store.

Spectacles for the eyes were so scarce and valuable as recently as the 14th century that they were used only by the very wealthy and high-born, and when the owner of a pair died he bequeathed them to an heir in his will, with all the elaborate care that marked the disposition of his house and lands.

The North Dakota Board of Optometry will meet Oct. 8 and 9 to examine candidates for registration. The Board also contemplates revoking some licenses, the holders of which are regarded as not being competent. The Board has found some opticians who have not provided proper refraction rooms for examining their patients, and believes that a proper examination cannot be made without it. Others are deficient in apparatus.

The Medical Teaching of London and Paris.

(Extract from a paper by E. Lucas Hughes, M.R.C.S. (England), L.R.C.P. (London), Liverpool, Eng., in the *Medical Brief*.)

BEFORE giving my experience of the hospitals of Paris I should like to say a few additional words regarding the teaching in London. The hospital physicians and surgeons are not above giving interesting stories which excellently illustrate matters of every-day practice, especially such as relate to their experience in private practice. They have sufficient modesty and good sense to acknowledge the lessons they have learned in the past by their own mistakes, as well as by those of others. This is an excellent method of teaching. The mistakes and accidents that occur and are made in practice are always of great interest and profit to those who are learning to avoid such casualties. * * *

With regard to the ophthalmic practice and teaching in the Clinique Panas (Hotel Dieu), the system of Professor De Lapersonne is essentially the same as that in the general medical wards. One of his assistants first of all examines a patient, thoroughly going through the case, and then the patient is brought to the professor, the students sitting around him in a circle. He takes each one in turn, hears what the first examiner has to say, further examines if necessary, and then teaches and demonstrates upon the material in hand, and finishes the case for the day by prescribing.

On certain days care is taken that a number of cases of special interest, specially instructive, should be brought forward, the others being dealt with summarily by assistants. This gives an opportunity for really good clinical teaching. Picked cases in this way can be lectured upon one after the other, questions asked, etc., and a very profitable morning spent. There are Argand gas burners for the ophthalmoscopic examinations, and the lamps stand upon little tables, very inconvenient for the foreign student, who is accustomed to the excellent electric medical brackets.

Direct ophthalmoscopy is very little resorted to; the student is nearly always required to make his diagnosis from the appearance of the fundus seen by the indirect method. Refraction cases are determined by means of Parent's or Antonelli's skiascopic racks, no mydriatic being used, and the ophthalmometer of Javal is always used to determine the corneal astigmatism. Every one of the cliniques I visited had a Javal in constant use.

There are electric lights for ophthalmoscopic examination at Lariboisière, but they

Optical Department.

stand on sort of shelves instead of brackets, and are, therefore, not so easily manipulated. There is one very excellent point constantly insisted upon by Morax and other French surgeons, and that is to pay great attention to the nose and condition of nasal duct, etc., in dealing with eye cases. Very often an inflamed eye continues to obstinately withstand all treatment directed to the eye itself because a diseased condition of the nose, throat, mouth, etc., has been overlooked.

It was very interesting to attend Landolt's Clinique and see him operate. I did not see him do any advancements; the operations I saw him do were those of cataract. Landolt is very particular in arranging his dressings so that no pressure should be brought to bear upon the eye after a cataract extraction; he uses a metallic gauze protector, well padded, something like that used by Fuchs, but the ones I saw used at Vienna appeared to me to be less clumsy looking.

However, Landolt's great point is his muscle work. He showed me an arrangement for determining the defective muscle sense in cases of paralysis of ocular muscles. It consisted of a blackboard which had a white horizontal line immediately above another board which hung down like the flap of a table; there was also a vertical line at right angles in center of the board, opposite to which was a place for patient's chin when the flap was lifted up. Patient had to quickly touch vertical line below the flap while looking at the part of the line above the flap; the flap, of course, prevented him seeing where his hand went, the other hand was held firmly to the side and the eye not being tested was covered over.

In this way homogeneous and crossed diplopia could be accurately determined, etc. The horizontal line on each side of the vertical was marked by a scale according to the angular deviation.

I found Galowzowski's clinique exceedingly good for ophthalmoscopic work, quite the best in Paris.

These cliniques are private charities; they have the great disadvantages (at least Galowzowski's had, and I think also the others) of the patients being obliged to go to their homes like out patients, no accommodation for beds, as there is at a hospital. The operations are done on certain days, and then the patient simply walks home or is taken home by his friends, even after an anesthetic has been given. He is told that he must not walk about the boulevards nor go to the cafes or the theatres. This is very bad.

A patient should remain in bed, especially after a cataract operation, for rest is imperative, and it is not wise to trust too much to the most skilfully applied dressing. However, M. Galowzowski and the others get excellent results, and the amount of work done would necessitate large hospitals and hundreds of beds; perhaps 10 or even 20 cataract operations might be done a week at one of these cliniques. Both eyes are generally bandaged, and the patient comes back the following day or the day after that for the bandage to be removed and the eye looked at. If everything is done well the sound eye may be liberated.

The Galowzowskis consist of father and son. The father visits his clinique twice or three times a week, the son is there every day; they are both excellent teachers, but the son does much more in the way of teaching than the father. He is most amiable and painstaking, and does everything in his power to help all who come to the clinique. There is the same excellent system that seems to be generally in vogue on the continent of giving the student a case to thoroughly investigate, then after he has reported all that he can find, going through the case and pointing what he has failed to notice.

This seems to me to be the only sound and rational basis of good clinical teaching. To merely give a lecture, or even a clinical demonstration, is not nearly so good. Of course, where there are large numbers of students individual teaching becomes almost an impossibility, but senior students of a medical school and post-graduate men who are working for a specialty should, in my opinion, be given as much individual teaching as possible.

As to books, there is often a grain of wheat in pages of chaff, a few valuable facts in between much that is mere padding. The student has to learn what is the padding and what are valuable facts. During his curriculum before he qualifies his chief anxiety is to pass his examinations. After he has passed, if he is the right sort of man, his one anxiety should be to really learn his profession.

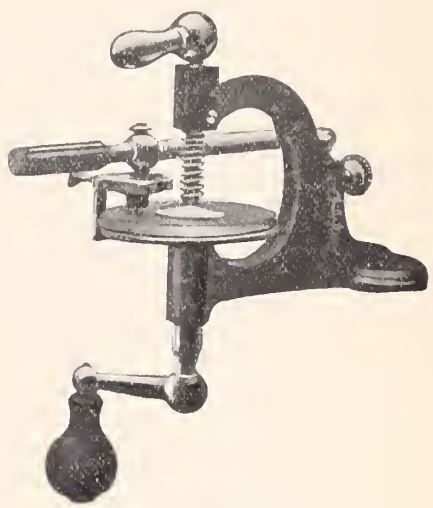
On the Continent, both in Paris and Vienna—and also, I believe, in some of the other centers—great stress is laid upon the treatment of squint, heterophoria, etc., by ocular exercises. In England it is not so much thought of. An excellent instrument, called the diploscope, invented by Dr. Remy, is used for these muscle exercises in nearly all the Paris cliniques. Javal published, in 1896, his excellent little book on strabismus, much of which was dictated from memory of his clinical experience to an amanuensis after Dr. Javal himself became blind. He was the victim of double chronic glaucoma. Since then a good deal of work has been done by Parinaud, Worth, Remy and others, but as a matter of fact the treatment of squint is still in its infancy.

The diploscope of Remy's claims to be much more than a stereoscope can be; it is natural binocular vision that is aimed at in the use of the instrument, the fusion of two retinal images, not the seeing of two pictures superimposed on one another as if they were one, as is the case with a stereoscope. I paid a visit to the Sorbonne in Paris and saw the great Professor Tchering at work. He received me with great kindness and I spent several pleasant and profitable hours in his laboratory. He showed me an instrument for measuring the Xalline lens, also a new instrument for accurately gauging color blindness or even imperfect appreciation of color by means of the colors of the spectrum, these having the advantage of being pure color rays. A prism is fixed in an instrument like a microscope in appearance, and by turning a screw all the spectrum colors of this prism are seen in turns. There is no being deceived by tone; it is a pure color test.

The instrument for measuring the Xalline lens was something like the Javal-Schlotz ophthalmometer, but instead of the reflection of mires on the surface of the cornea Purkinji's images are seen and the distance between them accurately measured.

Cutting Lens Glass of Various Shapes and Sizes.

THE task of procuring for the retail eyeglass dealer a tool which would permit him to cut his spectacle glasses more conveniently and more exactly than with a diamond held in the hand, or to spare him the trouble of trimming them with nippers, has led me, says Charles Faure in *La France Horlogère*, to make an instrument which is new and simple, and



MACHINE FOR CUTTING LENS GLASS.

takes up but little room. It is moderate in price and wholly different in principle from the "tournette," which hitherto has been practical only for the manufacturer.

The rough glass is placed in this tool upon a guide, which carries a diamond for giving the shape to the glass which is cut. A jointed arm supports a slide in which moves a chariot where the diamond is fixed.

To cut the glass the slide is moved up, and while by means of the jointed arm the diamond is held pressed upon the glass, the latter is made to turn under the diamond by means of a crank, fastened to the lower part of the tool.

The different shapes are obtained by changing the guide, whether it be for oval, round or pantascopic shapes, and the different sizes by moving the chariot backward and forward in its slide by means of an adjusting screw. Divisions marked off show the sizes.

It will be understood that the glass being at once cut in correct shape and of the desired size, needs no long grinding in order to fit it in the mounting; it suffices to make the two bevels in order to adjust it without fumbling and with precision.

Edward Peterson has sold his interest in the firm of Erickson & Peterson, Gladstone, Mich., to Mr. Erickson.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

How the Jeweler Can Meet the Competition of the Mail-Order House.

(*Continued from issue of Sept.* 12.)

HOW many retailers are putting dollars in the pockets of the mail-order houses, while only pennies are dropping in their own pockets, and all on account of the apparent neglect of customers? The best way for a retailer to decide on how to treat his customers is to pay a visit himself to the wholesale houses and factories from which he buys regularly, and take particular notice of the treatment accorded to him at each place and the effect which such treatment has upon him. Then let him remember that he takes the place of the wholesaler whenever his customers are the buyers.

When on a buying trip, has it ever been your luck to drop in at some wholesale house where you were a small customer, and be so thoroughly neglected that you grew chilly, even though it was a sweltering Summer day? Few merchants escape an occasional experience of this kind, and it is safe to say that you never become a better customer of that house. The concern may be a good one, but you go away feeling that it does not appreciate your trade. A traveler for some other house comes along and tries to get your business. You think he will appreciate the order more than the other house, and when you have later accepted his invitation to call at the house when in town, and when you are met at the door with a hearty hand-shake, introduced to the various members of the company, and turned over to someone with instructions to show you everything you want to see, and especially something that you are much interested in, you feel sure that you did well to take your trade from the neglectful firm.

Now, Mr. Retailer, stop and give this matter some thought. Remember that while in your own store you are in the place of the jobber and your customer is the little buyer. Also remember that the catalogue of the mail-order house is a traveling salesman which calls on every one of your customers and asks them for their business, describing every article in stock. Also remember that the catalogue has the assistance of some good letter writers, who never allow their house to be forgotten, once an order has been sent in. Which jobber do you think it will pay you the best to emulate?

Do not think that because your neighboring merchant is grouchy to his trade you, too, can afford to be that way whenever you feel like it. He is, of course, a competitor, but your worst competitor is the mail-order house, which, being always at a distance, manages never to be out of sorts with its customers.

By being always pleasant to your customers, great and small, by showing your appreciation of their trade, and by interesting yourself in the things which you know will interest them, you can soon put your grouchy competitor out of business, but the mail-order house will still be on hand as the most formidable competitor. A continuation, however, of the same kind of treatment which puts the near-by competitor out of business will also soon show results in the fight with this stronger competitor. You can be sure of one thing—if you try your best to be friendly and accommodating to all customers and show them that you appreciate them, you will be doing all the other fellow can possibly do in that line to get their trade, and possibly more.

Your very big club with which to fight the mail-order house is the personal friendship of everyone in your community. With this and a thorough knowledge of your particular line of goods and liberal advertising, you will find you are in real good shape to hold your own against all kinds of competition. Without the personal friendship you are at a disadvantage, as your competitor is then closer to your neighbor than you are, for he has a catalogue right in his house. F. A. P.

Ideas and Schemes.

PASSERS-BY have recently been attracted to the show window in the store of Cohen Bros., 618 Penn St., Reading, Pa., by the display of three bunches of what are said to be the largest grapes ever shown in Reading. The bunches were from eight to 12 inches long and weighed not less than three pounds each.

As a means of attracting attention to their show windows, George A. Clark & Son, Lorain, O., recently displayed an old rusted sword owned by W. H. Rose, ex-mayor of Johnstown, Pa. The sword was lost during the famous Johnstown flood, 17 years ago, and was found last Summer by a party of boys who were swimming in the Stonycreek.

How a Buffalo Jeweler Disposes of His Unclaimed Watches.

JOHN MAGNER, Buffalo, N. Y., for years identified with the jewelry trade, now located at 91 E. Genesee St., that city, is much interested in the discussion on the subject relating to the disposal of unclaimed watches on which there are charges for repairs. He says he solved the problem years ago, overcoming all legal obstacles in the way of selling the watches. His plan is as follows:

No. ..... Date .....
Name .....
Street .....
When to call.....
Cost .....

AGREEMENT.

After 30 days 10 per cent. added.

After 40 days the article may be sold for repair charges.

Name of dealer.

Mr. Wagner says the courts have decided that by accepting the above ticket and terms delinquents have no legal recourse for the reclamation of a watch or for damages. He advises all jewelers to adopt his plan.

Good Advice for Salesmen.

(By W. N. AUBUCHON, in *Ad Sense.*)

(*Continued from issue of Sept.* 26.)

THE condition of mind to which a salesman is almost inevitably brought, is one of yielding to a customer's opinions. A salesman seems to grow insensibly into the habit of doing what a customer wishes him to do even when it is against the interests of the employer. This is easy to understand, too, as a salesman is subjected to the suggestions of several hundred customers while receiving suggestions from but one employer and the greater the number of repetitions of a suggestion the more forceful it becomes as an influence on the salesman's mind.

We might say that it is almost impossible for a salesman to be stronger than the force of the adverse suggestions from his customers, but it is not quite impossible. In fact, as soon as a salesman recognizes the effect his customer's suggestions are having upon him he begins to gain in strength, to become the greater power.

As he becomes more forceful he aids his competitor less and sells more of his own goods, but in order to recognize the adverse effect of a suggestion upon himself he must in most instances change his opin-

Storekeeping Department.

ion of much that he heretofore believed to be true.

The buyer will not praise the goods offered by the salesman.

If there are any disadvantages the buyer will detect them and emphasize them.

The buyer will always show the advantages of a competing line and rarely present its disadvantages.

The employer's position is always right and the customer's contention is usually wrong.

The customer's opinion must be given polite consideration, but must not be accepted as an infallible guide to conduct, because it is rarely favorable to the interests of the salesman's employer.

The customer does not always know what he needs. He knows what he wishes, namely, sales and profits, but not always the best way to attain them.

The customer may know the measure of existing demand for goods, but does not know to what degree it may be developed.

The customer knows far less about the competitor's prices than he may seem to know.

The competitor, whose praises we hear, has as hard a time selling the buyer as we, and has our good qualities impressed upon him with much earnestness, as his virtues are impressed upon us.

If he must meet the lowest price to sell goods he will always be the lowest price man.

If he is not the lowest price man and yet sells many goods, it is because to be the lowest in price is not necessary, and contentions to the contrary are refuted by his own experience.

The highest price goods are the hardest to meet in competition.

To win over the low priced line is the easiest work in salesmanship.

To be able to teach his customer how to make money on his goods and on all the goods the customer sells, is to be able to display good salesmanship.

It pays better to teach his customer to do business the salesman's way than to be taught to do business the customer's way.

To do business as his employer wishes him to do it is more profitable than to do it as the customers desire.

The "git up and git" that makes men great and which sells the most of whatever a man has to sell whether it be talent or merchandise, is in its final analysis nothing more nor less than habit of thought plus industry. It is a habit of believing in ourselves, in our right to give voice to an idea and also of doing the hardest things we have to do, first. The disagreeable things of our work if not first overcome operate to prevent us from doing and enjoying the agreeable.

The happy valley of success is to be reached only by climbing over the high and rugged range of mountains which encircle it. There are no easy passes, no tunnels, level tracks or palace cars. We are often held back by a contemplation of too much of the way before us. We should climb, but with our eyes on the steps immediately ahead and never think of the top of the mountain until we get there.

A given territory can be made more valuable to a house than is believed. The fact that the salesman covering it does a volume of business which makes him a profitable man is not evidence that he has ability equal to the possibilities of the territory.

Salesmen should not rest content with just making a territory pay, but should endeavor to make it yield to its full limit. Many men on the road after reaching a paying volume of business insist upon taking it easy. They remain satisfied if they maintain their business at a point just beyond the "dead line" of their employer's censure.

Thousands of salesmen are "carried" by their employers, for long periods, without profit, in hope of realization when established in their territories. The employer from motive of policy does not always make these salesmen aware of the condition under which they are retained. This omission frequently results in that length of service becomes to the salesman in his own mind, a badge of ability. He insists upon more pay when he has not earned it, or leaves his employer to take up a competing line at a trifle larger salary, only to fail ignominiously with the new employer.

I once heard a salesman say to his employer, "I made a profit of $10,000 for you last year. I want a raise of $500 in salary." The employer showed him his profit record, it was $1,400 dollars! Tableaux.

Many salesmen know how little profit they produce, but strut around with all the importance of successful men, demanding this and ordering that—it is a pity, too. I often blame the employer for not taking each salesman into his confidence.

It is a mistake to permit sensible salesmen to work in the dark. To bring men out of a machine-like condition, wherein they perform only as the wheel is geared, is to give opportunity for a display of the higher intelligence. When a salesman feels that he is in the employer's confidence to a certain degree, he develops more enthusiasm, labors with greater pleasure and becomes in every way a more efficient representative.

A salesman, however, if taken into the employer's confidence, must not abuse it, as many do. It is really a mark of ability to adhere firmly to instructions, when a knowledge of the business offers strong temptation to deviate from them. It is because so many men on the road seem to be almost children in understanding that the employer fears to inform them fully. It is dangerous at times to give some salesmen an intimate knowledge of the business.

It is certainly a satisfaction, however, to note the effort being made by all salesmen of to-day to elevate themselves to the higher standards of their profession. I rarely meet a salesman now who does not recognize the value of making careful observations and of giving deep study to the psychology of salesmanship. This should in a very few years result in bringing the science and art of selling merchandise to the level of the most learned professions and should do much to develop a code of business ethics which will make less doubtful in the minds of many the fact that there is such a thing as honesty in trade.

[THE END.]



Catch phrases, descriptions and arguments which retail jewelers and opticians have used in their newspaper advertisements.

I HAVE bought the entire line of samples from one of the largest and best ring manufacturers in this country for spot cash for less than the cost of the labor on them. Every ring warranted strictly first class; solid gold, good, heavy weight. The lot is comprised principally of ladies' set rings of almost any imaginable style or color of stones. Your money back if you can duplicate them at double the price anywhere in the city. F. A. Nesler, Dubuque, Ia.

Bridal Favors—We hold the position of "Caterers in Ordinary" to their excellencies, the bride and groom. We carry, particularly at this season, a wide variety of the daintily conceived kind of brooches, pins and lockets, a bride most naturally desires to present to her maid of honor and her bridesmaid, and the sort of cravat pins and link buttons it is customary for the bridegroom to have placed at the bachelor dinner plates of his best man and ushers. Altogether we make a specialty of weddings, and wedding should be specialized. And we venture the opinion that as gift giver, or parent, or as one of the interested parties, we can serve you most satisfactorily. J. H. Wuerth & Son, Leavenworth, Kans.

An Index for Watch Buyers—One needn't be extravagant to insure getting a reliable timepiece. You can get a standard movement of unquestioned reliability in a substantial and serviceable gold filled case here at entirely reasonable cost. We carry a complete assortment of the recognized best makes and we can convince you that this is the store to come to. Lady's watch (as illustrated), 14-K. gold-filled hunting case, guaranteed 25 years, handsomely engraved and fitted with full jeweled movement; price, $15.—E. P. Sundberg & Co., Fargo, N. Dak.

Dainty cut glass does wonders in making a room look attractive. What more acceptable wedding gift could you send? We are showing a line of glass from which any taste and any pocketbook can be satisfied. —The Upson Jewelry Co., Waterbury, Conn.

Bracelets have ever been among the most popular of feminine ornaments, and the present style of dress is especially adapted for their effective use. We desire to call attention to our very beautiful line of bracelets, graceful in design, jeweled and hand engraved, or the equally popular simple band finished in rose gold, green gold, guinea or Roman. Prices as low as justified by quality.—Whelan-Aehle-Hutchinson Jewelry Co., St. Louis, Mo.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM
—PERFECTLY TEMPERED

Made in GERMANY — Zeuner Trade Mark No. 2

FILES — TRADE ONLY THE BEST ARE GOOD ENOUGH MARK — TOOLS

Such is the ZEUNER SAW.

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

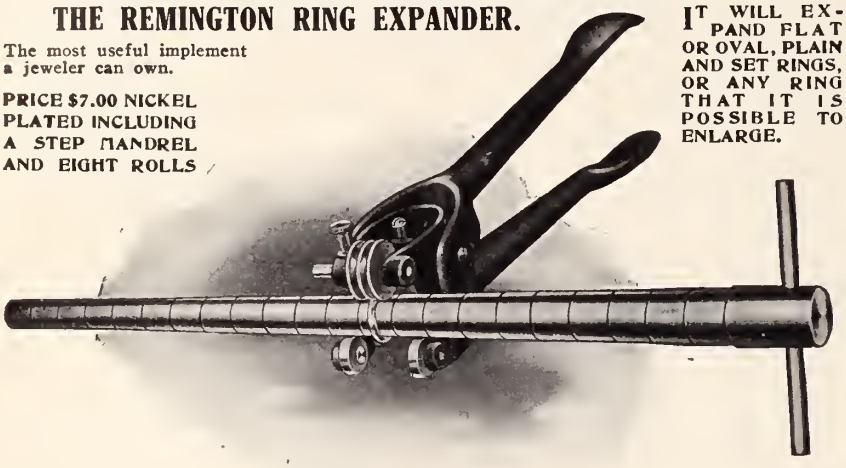
E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.

THE REMINGTON RING EXPANDER.

The most useful implement a jeweler can own.

PRICE $7.00 NICKEL PLATED INCLUDING A STEP MANDREL AND EIGHT ROLLS

IT WILL EXPAND FLAT OR OVAL, PLAIN AND SET RINGS, OR ANY RING THAT IT IS POSSIBLE TO ENLARGE.



IF YOUR JOBBER CANNOT SUPPLY YOU WRITE TO US DIRECT.

SPECIAL FEATURES OF THE REMINGTON RING EXPANDER.

A MANDREL WITH STEPS SQUARED and ½ size variation is used to prevent tapering of the ring. THE FOUR SMALL ROLLS ON THE LOWER JAW OF THE TOOL (see cut) PREVENT FRICTION, and make it possible to use any amount of pressure WITHOUT ROUGHING THE MANDREL. THE PRESSURE IS CONTROLLED BY THE HAND and it is not necessary to use a vise or other implement when operating the REMINGTON.

Manufacturers of Patent Tools and Machinery.

NOVELTY ENGINEERING ASSOCIATION, FITCHBURG, MASS.

S. MARTIN

JEWELERS' AUCTIONEER

840 Summit Avenue
MILWAUKEE, WIS.



Have just closed three months' sale for Mermod, Jaccard & King Co. of St. Louis. They are my reference.

Long Distance 'Phone : LAKE 663

HERPERS BROS.,

MAKERS OF

BRACELET GALLERIES

12 NEW PATTERNS

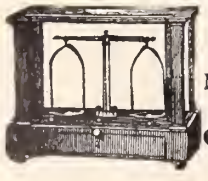
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IN 10, 14 AND 18 KARAT GOLD AND IN PLATINUM.

ALSO A COMPLETE LINE OF GALLERIES AND FINDINGS.

OFFICE AND FACTORY NEWARK, N. J., U. S. A.

NEW YORK BRANCH 41-43 MAIDEN LANE



HERMAN KOHLBUSCH, Sr.,

ESTABLISHED 1859.

Manufacturer of Fine Balances and Weights

for every purpose where accuracy is required.

Office and Salesroom, 194 BROADWAY, NEW YORK.

Send for Price List. Tel. 370 Cortlandt.





[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1671.—**Cutting of Wheels.**—*In cutting wheels must the cutter's angle coincide with the angle at which the tooth is inclined?* *P. P.*

ANSWER:—The cutting of wheels is largely dependent on the kind of cutters which are used. If a fly cutter is used any form of tooth may be cut with either one cutting or several cuttings. If a serrated or a so-called Swiss cutter is used, a suitable form must be used. But the angle of the cutter for under-cutting the face of escape wheel teeth need not have the angle which such teeth are to be undercut, but the angle of the under-cutting may be obtained by shifting the spindle either way, and in this manner set the cutters off the radical line of the wheel. There are times when a cutter may be filed out, which will cut the front of one tooth and the back of another tooth, leaving the middle tooth unfinished till all the others have been cut; this, of course, can only be done with a fly cutter, or by placing two or three serrated cutters together. All brass wheels in our watch factories are cut with fly cutters, but steel wheels cannot be cut with fly cutters, but need serrated cutters or cutters formed like pinion cutters or milling cutters. In Saunier's "Treatise" there is shown in Plate 5, Fig. 19, how the face of a tooth may be undercut with a flat cutter.

QUESTION No. 1672.—**Galvanizing with Aluminum and Zinc Alloy.**—*I want to galvanize some small iron parts that are used on clocks. I want them to have a bright surface. Please give me an alloy suitable for this purpose.* *G. A.*

ANSWER:—A galvanizing bath that will give a brighter surface than is obtainable with zinc alone consists of an alloy composed of a small percentage of aluminum and one-fifth per cent. of bismuth with the zinc. In order to get the alloy in the proper state of diffusion it is necessary to melt the aluminum at the same time with the zinc. The bismuth can be melted in at the same time, if desired. It is claimed that simultaneous melting of the zinc aluminum prevents the formation of oxide and of hard dross. In order to effect this simultaneous melting of the two metals, it is best to prepare beforehand an alloy of zinc and aluminum, or of these with bismuth, in stronger proportions of aluminum than is desired in the bath; for instance, 20 per cent. of aluminum and the same amount of zinc, with five per cent. of bismuth, well stirred while melting. This mixture is to be melted with the rest of the zinc in such proportions as will give to the resulting mass the requisite proportions for the bath. After a thorough test it was found that the proper proportion for the alloy would be about one-half of one per cent. of aluminum and one-fifth per cent. of bismuth to the zinc. Larger proportions of the two metals do not give the bright, brilliant effect.

QUESTION No. 1673.—**Old Watch.**—*In your issue of Aug. 22, on page 93, there are illustrations of two old-time watches. I have the duplicate of Fig. 2 in a silver case. Could you inform me about how old my watch may be? The only mark is in the inside cover.* *F. W.*

ANSWER:—The design of movement No. 2 was made between 1750 and 1780. The other had the verge escapement, No. 2 the duplex escapement, which had been invented but a short time before.

QUESTION No. 1674.—**Reducing Scrap Gold to Pure Gold.**—*Often I wish to make some 24-karat or pure gold out of inferior gold, and while I always succeed in doing it, it is at a great expense of time, labor and very often loss of gold. Will you kindly give me the most modern process?* *B. T.*

ANSWER:—To reduce scrap gold to 24 karats is an operation which ought to be done by a practical assayer. Scrap gold may sometimes contain a little soft solder, scraped off from some article of jewelry or point of a gold pen, which is iridium. Either of these two will spoil a large quantity of gold. Impure gold may sometimes be cleaned by the immersion of some corrosive sublimate, when in a molten state. Where you cannot succeed in melting your gold without success it seems to be evident that there must be some foreign metallic substance present of which you have no knowledge.

QUESTION No. 1675.—**Solder for Enameling Purposes.**—*Kindly describe to me the alloy of the various kinds of solder suitable for enameled work.* *S. E.*

ANSWER:—The designation "hard solder" is given to the preparation that we will describe to distinguish it from the easy-running and softer solders used by tinsmiths, and it applies solely to the composition that will not flow under a red heat. For the purposes of the jeweler, we may distinguish solder, according to its composition and purposes, into gold and silver solder, which means a solder consisting o an alloy of gold with silver, copper, tin, zinc and like metals. In the proportion of solder for combining gold with silver, or gold with copper, which must be enameled afterward, it is necessary to keep always in mind the fact that no solder can be used effectually that contains any tin, zinc alloys, or tin or zinc in any great quantities, since it is these very metals that contribute to the cracking of the enamel. And yet it is not possible to do without such an addition entirely; otherwise the solder would not flow under the melting point of the precious metals themselves, and we would be unable to effect a union of the parts. It is therefore absolutely necessary to confine this addition to the lowest possible percentage, so that in a way only a trace is apparent. Moreover, care must be taken to use for enameling purposes no base alloy, because the holding qualities or durability of the compound will be effected thereby. Besides, we must not forget it is subject to governmental control, that is, it must come up to the standard at which it is to be sold. The alloys which we shall give below are divided into 1,000 parts and are calculated only for red gold alloys. To solder gold alloys of fine gold, another composition must be found, since the melting point of the solder is higher than that of gold alone, and consequently no soldering of the object could take place without melting it.

Gold solder for enamel.—Fine gold, 600 parts; copper, 150 parts; fine silver, 250 parts; cadmium, a trace. We see, then, that this solder contains 600/1000 fine gold and is serviceable for all purposes, even when the finished product is to be subjected to government assay and mark, because the application of the solder can be very economically done. Spelter may be substituted for the cadmium, but care must be taken in either case that the alloy itself, the gold, copper, and silver be completely fluid and ready to pour out, when, just before pouring out, the cadmium or spelter is added. If the latter addition should remain in the melting pot under such a heat for any length of time, it would undoubtedly be badly burned and the usefulness of the solder would be greatly impaired. By a trace we mean about 0.1 gramme of cadmium or spelter to 10 grains of the alloy. In smaller ratios it would not pay to melt it in a crucible, but melting it upon charcoal under a blowpipe is preferable, because by close observation the correct moment for pouring it out can be fixed as well as the right time to add the spelter. It may be of interest also for those who have the work to do to learn of a good process for melting it upon the charcoal. In a large piece of charcoal, without cracks, prepare a hollow in which the metals are placed. From this, to one end of the piece of coal, cut out a channel lying in the same plane as the middle part of the hollow and emptying into a mold fastened to the end of the coal. The mold is made of sheet iron and can be prepared by any jeweler. It has an entrance rim and is covered with a piece of the same metal fastened to it with wire. One operator now directs the blow-pipe flame upon the metal in the hollow, and an assistant watches until the alloy is in a state of fluidity, adding at that moment the bits of cadmium or spelter. The operator now slightly tilts the coal so that the fluid alloy can pass through the channel into the form or mold. It is now finished, and by removing the cover may be turned out and rolled thin enough to cut up into bits. When the rolling is in process the metal must be watched, and as soon as it shows signs of cracking it must be annealed. Avoid heating it beyond a cherry red, whereupon it must be rolled out as quickly as possible.



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The Pots and Drinking Vessels of Ancient Greece*

A Short History and Description of Some of the Important Classical Shapes Now Used in Pottery and Metal Ware.

AUTHOR'S NOTE.

After having gained a love for ceramics, the first lesson to be learned in order to become an aspirant to the title of *connoisseur* is—as the designation implies—to attain to some knowledge of the technique.

Many jewelers, during these days of ultra-competition, have, or intend to, put into their stock a line, more or less extensive, of fine art pottery and bronzes. While such jewelers may not have any serious aspirations to equip themselves as full-fledged connoisseurs, a knowledge of the rudiments of the plastic art is necessary to furnish them with that salesmanship strength needed to persuade an intending purchaser. A primary grounding in the technique of ceramics is just as



STAMNOS.



ASCOS.

necessary in forcing sales in that as in any other line.

Since the ancient classical terms have been retained in the denominating of the different kinds of vases, it belongs to the equipment of a good salesman of art pottery to be acquainted with the standard forms of these different types of pottery.

C. W. C.

INTRODUCTION.

Cardinal Wiseman, in 1852, addressed an audience in Manchester, England, that was gathered together to financially promote industrial art schools in those lines of industry where the manufacture of textiles, pottery, etc., needed tuition of the artisan. The great prelate called upon his hearers to take with him a flight of the imagination and suppose the lecture room to be filled with magnificent exhibits of classical art specimens gathered from ancient Rome—a pavement (mosaic) representing in rich colors some beautiful scene, railed off from the tread of modern men; glass cabinets enclosing the finest old Etruscan vases of lovely shapes enriched with their beautiful characteristic drawings; a selection of choicest products from the Herculaneum excavations, bronze vessels of elegant form and exquisite carving, medals in gold and silver and bronze, engraved gems, etc. A museum of ancient art in a word.

And then the noted sage asked his audience to extend the scope of imagination's flight and suppose the blank, drear walls of the lecture room to disappear and become the walls of an ancient Roman house. And into the Roman villa the cardinal mentally brought back to life its original owner to face those art treasures so carefully displayed and protected.

"What would this house-owner do?" asked the great ecclesiastic. And he then described the Roman stowing away the lovely statuary in dark niches—they are *ancestors*, not art work to him. The brass railing around the mosaic he tears down, it is his parlor floor for every slave to walk on. The Etruscan vases he orders, some taken to the kitchen to hold oil, others to the scullery for water. These plates and drinking cups he sends to the pantry—he'll want them for dinner. Some bronze vessels go back to the kitchen, others to the rest of the apartment. He then looks into the gem cabinet, and, sending the gems to the dressing rooms of his family, he drops the gold, silver and bronze medals quietly into his purse as common money.

And then the ancient Roman racks his wits to know why his furniture and utensils were stowed away behind glass. There were times, said the Cardinal, when there was no distinction between the arts of production and the arts of design. The ancients were surrounded with pure art in their common life.

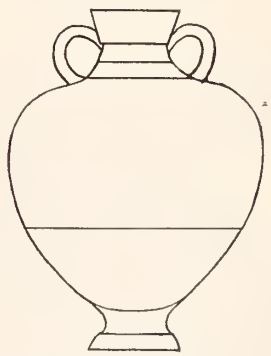
And it is the intention of the following series to inform readers of the form, intent, etc., of these many types of earthen ware utensils *used* by the ancient Greeks, but set up by moderns in glass cases to be *admired* and commented on.

In enumerating and describing a large number of articles, a clearer view and firmer grasp of the subject and its details is gained by dividing the subject into chapters or separating the details under subheads that will divide the mass of materials into separate parts according to some defined special characteristics. To this end the writer separates or walls off the subject into—

1. Storing and Preserving Utensils.
2. Distributing Vessels, etc.
3. Drinking Vessels, etc.
4. Eating, Ceremonial and other Equipment.

STORING AND PRESERVING UTENSILS.

Leviathan pots, during the classical period of the Greeks, took the position of the modern coopered container. The wine vintage passed into the *Pithos*, as did the grain, the stock of figs, the season's crop of olive oil. They were large, oval or globular earthen ware jars, having wide mouths with lips inclined outward. They were often partly buried in the earth of



BACCHIC AMPHORA.

the wine cellar floor. The pithos admirably did the work that our modern cask no better carries out, and, while our great tun and pipe are considered mammoths in their class, equally large containers came forth from the potters' hands those days.

Diogenes, the cynic philosopher, spurned Alexander from his *pithos*—professional mendicants did their begging from a pithos often as their sole tenement. Since human skeletons have been exhumed in the ancient pithos, it evidently likewise played the part of sarcophagus at some interments.

Ali Baba's 40 thieves, in the "Arabian Nights," were brought into the house in those jars, when the faithful servant girl poured boiling oil over them and made sardines of the entire gang. That story is Persian, and from the Persians it was that the ancient Greeks obtained their first knowledge of ceramics, which they extended to a limit that leaves 20th century artists aghast.

Very few examples of the Greek pithos are extant these days. They were, for the most part, unglazed, but some in Etruscan

*All members of the jewelry trade are permitted to use all or any part of "The Pots and Drinking Vessels of Ancient Greece" in printing pamphlets, etc., if they give THE CIRCULAR-WEEKLY due credit in publishing such matter.



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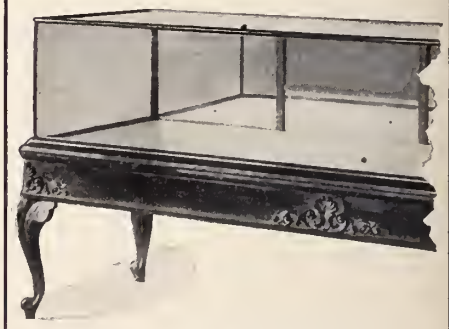
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red-ware contained ornamentation in relief.

* * * * *

Comparatively reduced in proportion was the *Pithacne,* a shape unknown. Beyond the fact that it was constructed of baked earth and of smaller dimensions than the *pithos* it has passed beyond recognition.

* * * * *

The *Stamnos,* intended to hold wine or oil, was a bulky jar, short-necked, with high shoulders, having two handles, ear-shaped. They often had red figures on a black background as decoration. The cut on page 113 defines the usual *stamnos* type, but (probably belonging to a later, more fanciful period of the art) the so-called "Apulian" *stamnos* had high, voluted handles and was provided with a lid. Altogether this latter ornate vase points to decorative purposes, and the dwelling room rather than the utilities of the kitchen or pantry. Perhaps it rested in the parlor, and, as some suggest, held honey or sweetmeats.

* * * * *

A vase with small handles, similar to the *stamnos,* was the *Bicos,* that held figs or wine.

* * * * *

The *Hyrche,* according to written evidence, had a narrow neck and is supposed to have been used to bring liquid merchandise into the city of Athens. It must have been of considerable proportions.

* * * * *

A receptacle of considerable size was the *Lagynos.* It belonged to the later period. This *lagynos* was a species of large bottle having a long, narrow neck. You remember Æsop's fable of the stork and the fox. This was the article in which Mr. Stork served up that dinner for Mr. Fox in return for the latter's banquet set forth in a shallow dish.

* * * * *

A curious looking bottle is the Grecian *Ascos,* shaped to imitate the primitive wine-skin bottle, in which the expressed grape juice was (and still is in some countries) transported from the vineyard.

* * * * *

And now we come to the vase that figures most prominently in ancient ceramics. The *Amphora* (*Amphoreus, Amphiphoreus*) perhaps became the best-known of Grecian vases because it received the kindest attentions of the artist conceiving and fashioning its handsome form and beautiful decoration. In its true typical character the amphora's body is from a true oval (egg-shape) to pyriform (pear-shape). Its name is derived from its purpose, meaning to "carry around," for which duty it is furnished with two handles. A slender cylindrical neck and graceful trumpet-shaped lip or rim renders a beauty of outline to the *amphora* difficult, if not impossible, of improvement at human hands.

While the shapes of the *amphoræ* vary, the material from which they were made was earthen ware always. It was a vessel built to hold wine, honey, oil or grain. In its more useful, less ornamental form the amphora's base often terminated in a point. This permitted its being inserted in the sand or earth of the cellar for support, or it was lifted into a stand when in active service. The more highly decorated vessels, with their delicate paintings of figures, were, however, usually furnished with flat circular feet.

Connoisseurs have classified the *amphoræ* of different styles under the following denominations: Egyptian, Panathenaic, Tyerhenian, Bacchic, and Nolan.

The late Samuel Birch, F.S.A., defines these styles very clearly in the following way:

1. *Egyptian*—the body of which is long and rather elegant, having handles small and foot tapering.

2. *Tyerhenian amphora*—differs only from the former by the body being thicker and mouth wider. Many are decorated with figures in black upon red background. They are principally found in Etruria (Italy). Some have broad, flat handles like a ribbon, the edges being raised.

4. *Bacchic amphora*—is the most prevalent type at the best period of the vases with black figures. The neck of these vases is larger and taller in proportion to the body than the former. The handles are not cylindrical, but ribbed, having been produced from a mould. They are from five to 20 inches high.

5. *Nolan amphora*—the character of these *amphoræ* differs so essentially from that of the preceding that they have been conventionally called Nolan *amphoræ.* The body is larger than the Etruscan or Bacchic. The handles are not reeded but flat ribbons. The whole vase, except the subject on it, is black, and has generally but few figures at each side. It is often provided with a convex cover and a stud. Another variety of this form is with twisted handles produced by rolling up the paste. Some slight variation occurs in the feet. This kind of vase, in elegance of shape, is the finest production of the potter's art, while the exquisite black varnish and high finish render it the admiration of all lovers of ancient art.

(To be continued.)

Imports of Ceramic Ware by British Colonies in South Africa.

CONSUL-GENERAL GUENTHER, of Frankfort, Germany, supplies the statement of a German publication as follows:

"In the year 1905 the British colonies of South Africa imported earthen and china ware to the value of $781,375, in the supply of which Great Britain participated with 74 per cent.; Germany, 16.1 per cent.; Belgium, 2.8 per cent.; France, 1.7 per cent.; United States furnishing only 0.7 per cent. The ceramic ware imported consists chiefly of articles of earthenware and China dinner and tea sets, toilet sets, jugs, and mugs. Our china and earthenware manufacturers of New Jersey and southeastern Ohio can easily compete with those of Staffordshire, England, and of Thuringia, Germany.

"The poor showing which our American manufacturers make in the export of ceramic ware to South Africa is to be attributed to a lack of enterprise and want of knowledge in foreign trade conditions. In matters of foreign trade we should emulate German exporters."

Recent Additions to the Bronze Statuary in the Metropolitan Museum of Art.

AT the Metropolitan Museum of Art, New York, a number of additions have recently been made to the collection of bronze statuary. The management has started to gather examples of modern sculpture in bronze, and especially of the work of Americans. About 20 small bronzes, executed by well-known sculptors of this country, have been secured as a nucleus of what is expected to become a comprehensive exhibit. New pieces are to be added by purchase as occasion offers, and it is expected that gifts will assist the purpose of the management. It is not the intention to limit the modern bronzes to those of American origin, as preliminary steps have already been taken toward obtaining examples of the work of notable foreign sculptors. In the immediate future there is to be placed on exhibition a number of English bronzes, representing the best known of the present-day artists in this line. In the room for recent accessions the following Americans are now represented by pleasing specimens of their labors: Eli Harvy, Alexander Phimister Proctor, Hermon A. MacNeil, John Gutzon Borglum, Frederick G. Roth, Bessie Potter Vonnoh, Janet Scudder, Anna Vaughn Hyatt and Paul-Auge Nocquet. Mr. Borglum is represented by a statuette of John Ruskin. Seven examples of animal life were designed by Mr. Roth. A "Dancing Girl" and "The Young Mother" are the work of Bessie Potter Vonnoh.

In the September *Bulletin* of the Metropolitan Museum of Art several of the bronzes are illustrated. In speaking of the collection the editor expresses the hope that this department will demonstrate to the public the excellence of the work in the way of small bronze statuary for household decoration that is being done by American sculptors. The following extract from a report presented by the committee on sculpture to the trustees is published, this being the report which has led to the introduction of modern bronzes into the rooms.

"The collection of bronzes in the Museum is mainly confined to the reproductions of the busts and statuettes found at Herculaneum, there being few important works in bronze of contemporary sculptors. Much sculpture in bronze has been produced in this country, of historic interest as well as of artistic value, and, in our judgment, this fact might well be recognized within reasonable limits. The expenditure of a sum of money equal to the cost of one original work of antiquity or of one moderately important picture would create a whole collection of small bronzes which would be of popular interest and would tend to stimulate this important department of art. It is suggested, therefore, that the collection of modern works of sculpture be extended in this direction, and that a collection of bronzes be made which shall illustrate the modern development of this art, especially in the United States."

Among the important additions to the collection of sculpture made during the last year is acknowledged Rimmer's "Dying Centaur," donated by Edward Holbrook, president of the Gorham Mfg. Co.

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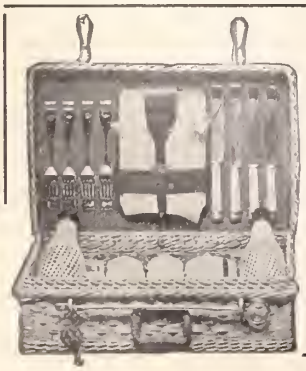
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Important Decisions as to Duty on Marble Altars Claimed to be Entitled to Free Entry as Works of Art.

QUESTIONS in relation to the duty on artistic marble altars were recently considered by the Board of United States General Appraisers, New York, the case coming in the form of a protest made by E. Battelli against an assessment declared by the Collector at New York. The Board handed down a decision, from which one of the General Appraisers dissented, holding that the altar would have been entitled to free entry as a work of art but for the omission on the part of the importer to comply with a regulation of the Treasury Department.

In the opinion written by General Appraiser Waite, for the majority of the Board, he says that the marble altar is of artistic design and execution and was imported for presentation to the Church of the Immaculate Conception at Newburyport, Mass. The importer claimed that the article as a work of art was exempt from duty under Par. 703 of the Tariff Act of 1897. The Collector exacted a duty at 50 per cent. ad valorem, the rate imposed on manufactures of marble under Par. 115.

The Board holds that the claim of the importer under Par. 703 must be sustained unless he has lost his rights by failing to take the steps required by the regulations of the Secretary of the Treasury. Par. 703 gives exemption to works of art imported expressly for presentation to various classes of institutions and corporations, including incorporated religious societies, but says that such exemptions shall be subject to regulation by the Secretary of the Treasury.

The regulation with which the importer failed to comply is found in Article 569, Customs Regulations of 1899. This requires the importer, intending to take advantage of Par. 703, to make a preliminary written application to the Secretary of the Treasury requesting free entry and describing the article in detail. The Board says that the uniform practice of the Treasury Department under Article 569 has been to deny application for free entry of sculptured marble altars imported for churches on the ground that they are not works of art. As a result importers have been obliged to appeal to the Board and courts in order to get free entry for the altars.

The importer in this case filed no application, but instituted proceedings in the usual form of a protest, thus bringing the matter before the General Appraisers. On prior importations of similar articles he had made application to the Secretary of the Treasury and such applications were denied. The importer claimed that he was thus practically notified in advance of the futile character of such an application, and so sacrificed no rights by not making it.

General Appraiser Waite says that the regulation requiring the importer to make the application is reasonable, and he must submit to it, looking for redress under his protest. It is pointed out that the Secretary of the Treasury might conclude at any time to change his ruling, and must be left free to do so if he desires.

The object of Regulation 569, it is explained, is to enable the department to investigate the facts connected with any importation and satisfy itself as to the genuine character of the transaction. General Appraiser Waite says that the regulation has the force and effect of the law itself, and does not deprive the Board or the courts of their proper jurisdiction to pass upon questions of law or fact relating to the article in question.

If the importer makes proper and timely application to the Secretary of the Treasury, and his request is denied, he may then have the proper hearing before the Board, but if he fails to comply with the regulation he loses his right to appeal.

In the dissenting opinion, General Appraiser Sommerville says that the construction adopted by his colleagues abrogates the jurisdiction of the Board. He quotes Chief Justice Waite as saying that "The Secretary of the Treasury cannot by his regulation alter or amend a revenue law." In Mr. Sommerville's opinion the altar is entitled to free entry, and he says that the Board should have sustained the protest.

Another case involving the duty on marble altars came in the form of protests of John H. Dimond and others against the assessment of duty by the Collector at New York. The protests related to four different shipments, consisting of one main altar in marble, two marble side altars, one marble pulpit and one marble baptismal font, with various statues.

General Appraiser Waite, in sustaining the protests, says:

From an examination of verified photographs of the articles in place in the church and the other evidence in the case, the Board is of opinion that all of them are entitled to free entry as "works of art." * * * * Such free entry, we think, should be granted to everything covered by the protests which goes to make up the *ensemble* of the various altars, pulpit and font, as they stand in position, including the altar rails, the canopy for the pulpit, and the cross for the canopy of the altar. No other conclusion could be reached in view of the repeated decisions of the courts dealing with artistic marble altars.

The Board also sustained a protest by G. W. Sheldon & Co. against an assessment of duty by the Collector at Chicago. This protest related to a marble font or vase more than seven feet high. The importers contended that the article was subject to the provision for statuary in the reciprocal commercial agreement with Italy. General Appraiser Waite, in his opinion, says:

* * * * The most significant part of the article is a group of four infant forms, one of them supporting a shell evidently intended as a font or receptacle for water. This group rests in a larger shell or basin, which is in turn supported by a pedestal ornately carved with figures of dolphins, shells, etc.

The Board is of opinion that the work must be treated as a single subject for the purposes of assessment, and that the group of statuary so largely dominate it as to determine the character of the whole. Its incidental use as a font or vase in no way detracts from its character as statuary. *In re* Spaulding, G. A. 6008 (T. D. 26247).

Jacob Wolf, who died a short time ago in Baltimore, Md., at one time conducted a jewelry store at the corner of Baltimore and Frederick Sts., that city. He came from New York about 35 years ago and engaged in the jewelry business at the above location for a number of years. He was 61 years old.



DOMESTIC ART METAL NOVELTIES.

BUYERS who visit the salesrooms of the Riviere Brass & Bronze Works, 328 Seventh Ave., New York, are surprised and delighted by its comprehensive display of electroliers, student lamps, clock cases and novelties. The works have been enlarged considerably within a recent period, making room for new machinery and for a larger display than has been made in any prior season. There is almost an endless variety in the designs and shapes of the electrolier domes, in the designs of which are introduced in natural colors wistaria, jack rose, willow, apple and orange blossoms and other floral effects. The pieces in this mosaic glass work are bound together with copper or bronze and solder. Every part of the work is performed in the factory, the cutting of the pieces of glass, the molding to the required shapes and the fastening of the various parts together. The bronze standards come in practically all colors, but the antique verde retains the popularity which it has enjoyed for a couple of years. Some particularly handsome dining-room chandeliers and piano lamps with heavy standards are especially admired. Besides the bent glass work there are many attractive designs in etched metal, bringing out much pretty filigree work, while the half-etched designs give a raised or embossed appearance. The student lamps, made altogether of heavy bronze, are a feature of this year's samples, and are meeting with much favor. Paul Riviere, the head of the company, says that the demand for articles made of genuine bronze is constantly increasing, the people appreciating more and more the utility and beauty of this material.

*

INNOVATION IN THE DISPLAY OF ART GOODS.

AN interesting innovation relating to the display of goods has been introduced by the well-known art importing house of Ferdinand Bing & Co.'s Successors, who have had a portion of their establishment specially finished with a view to affording appropriate artistic environment for the wares displayed. It has hardly seemed feasible to apply the idea strictly throughout the establishment, as the showings are subject to change and distributed over numerous floors; but the experiment indicates a modern tendency to which retail houses have generally responded more quickly than wholesale ones. Pursuing the policy of this house to keep in personal touch with foreign art markets, A. W. Gans has taken up the art investigations abroad which Chas. G. Rathgen conducted earlier in the season.

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2 Lights,
24 in. High,
Complete,
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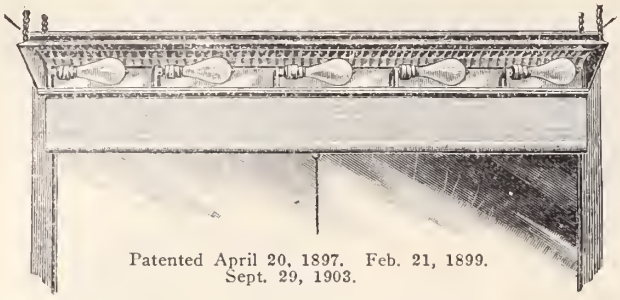
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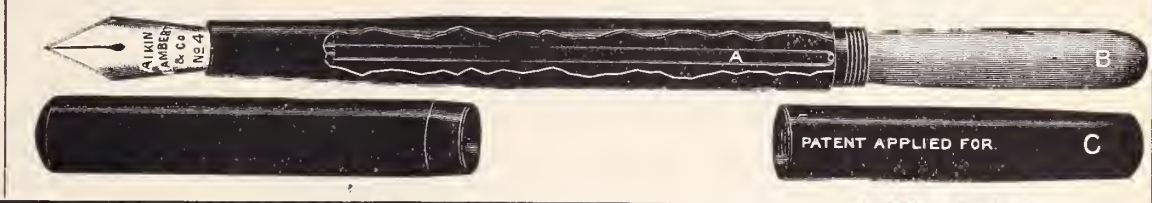
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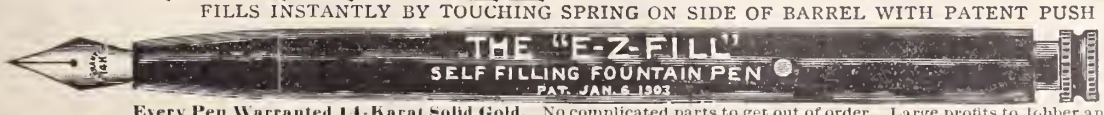
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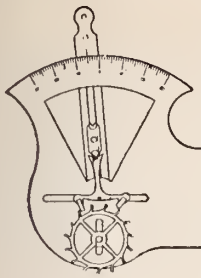
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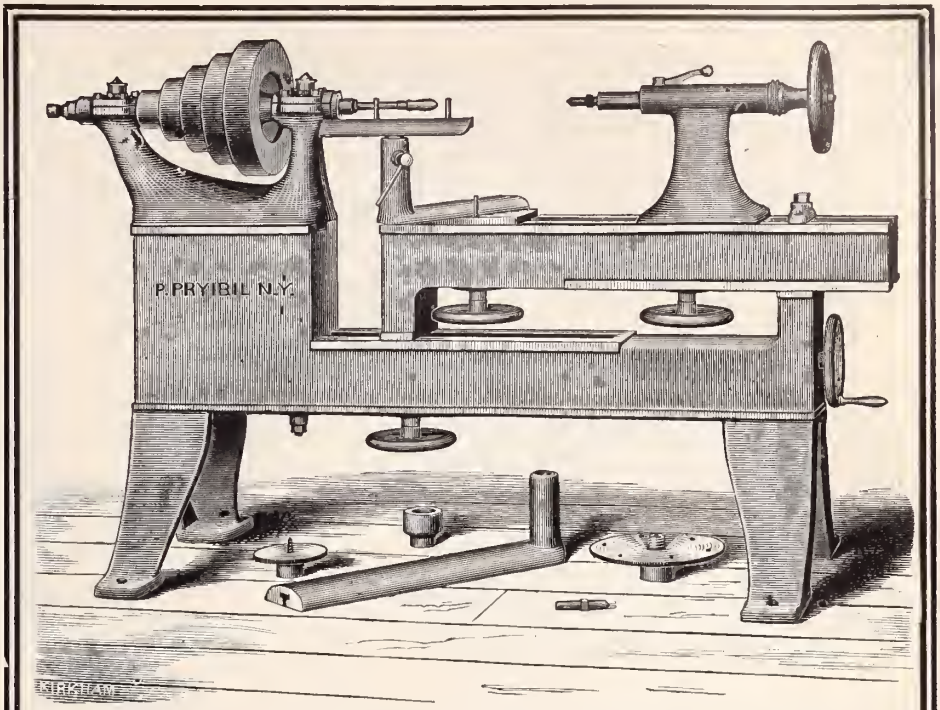
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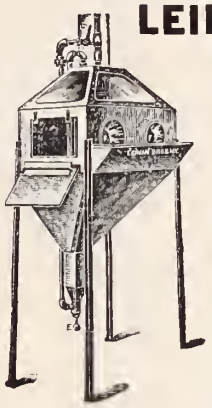
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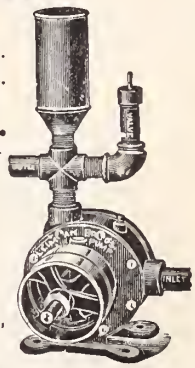
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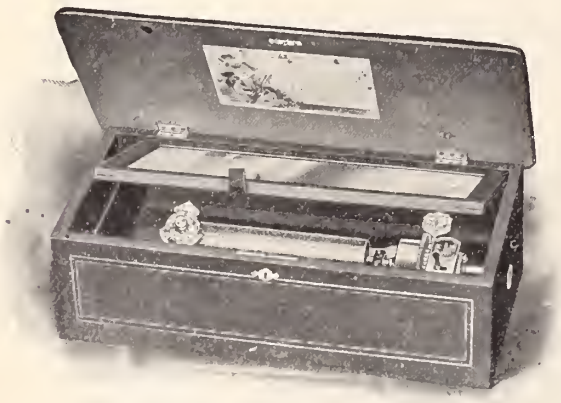
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38th Year. WEDNESDAY, OCTOBER 10, 1906. Vol. LIII. No. 10.



The R. M. Weaver Gold Trophy for Trotters.

(*See Text on Page* 45.)

The Bridal Rose Pattern



Now that society is returning from abroad, the mountains, and elsewhere, we shall read of many weddings.

A timely suggestion is often sufficient.

Silver is always thought of for wedding presents—but what?

The Bridal Rose Pattern of Flatware is particularly appropriate, made in full line ounce goods, cutlery and fancy pieces.

Suggest this pattern when the occasion arises.

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Some mail-order houses claim to do nearly $100,000,000 worth of business annually!

This enormous business is entirely built up by catalogues, which are sent out by the million to the consumer. These catalogues quote prices on American Watches at prices lower than the Retail Jeweler can afford to sell them for.

Fancy, if all the Watch Cases sold this way had been sold by the Jewelers of the country—it would have made a nice addition to their present business. Undoubtedly the proper channel for Watch Cases is the Retail Jeweler.

Fahys Gold-filled Cases are not found in these mail-order house catalogues.

JOSEPH FAHYS & CO.



THE other doors *may* lead there, but ours is a straightforward way. By cutting the diamonds, we produce the goods at the least possible cost. We market them in the least expensive way. So we can sell them at lower prices than others. Doesn't this seem reasonable?

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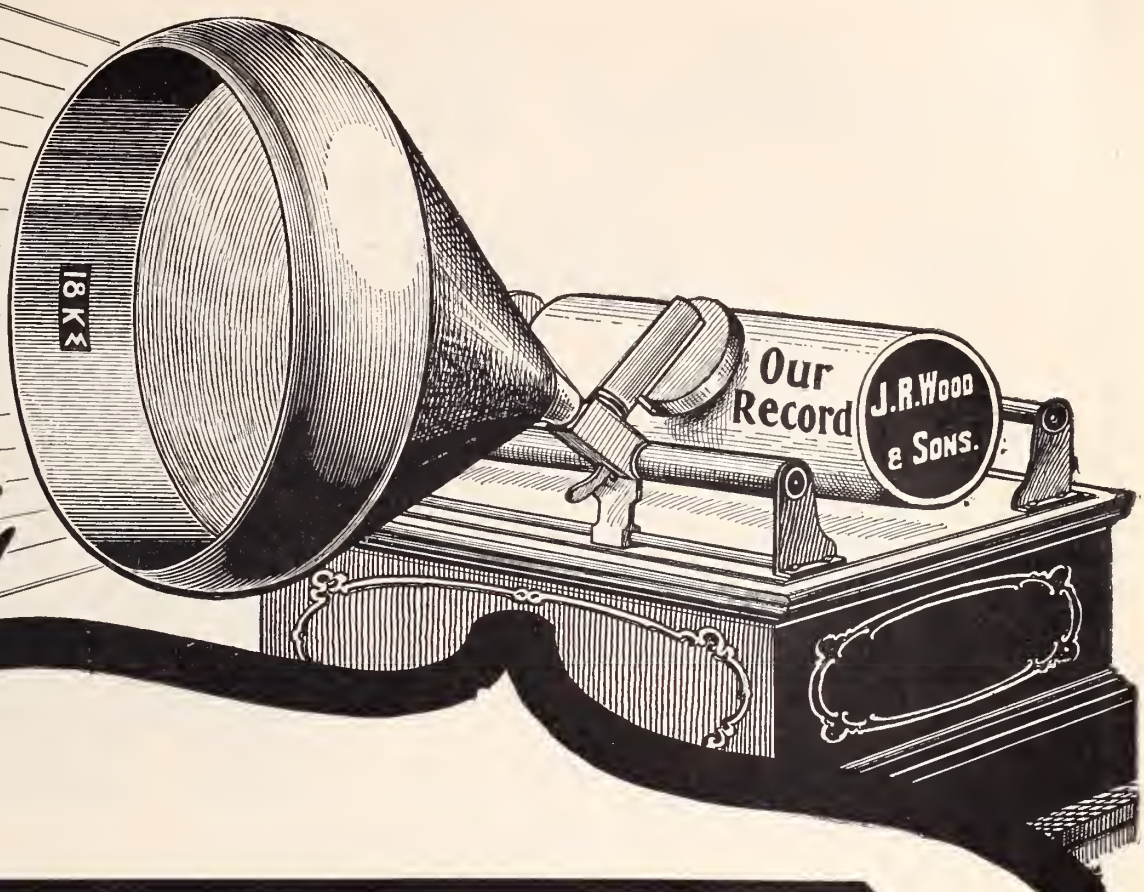
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We dislike "blowing our own horn," but we want you to know our "record."

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Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

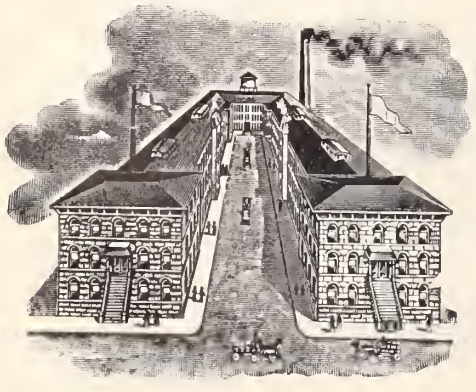
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43	.....	1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57	.....	3005	2.73
18		76	23½	.37	.....	9533	2.97
19	1	00	16½	.34	.....	83	2.14
32		52	49½	.53	.....	213 X	2.83
34		73	34½	.52	.....	733	2.41
46				.58	.....	5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80	.....	1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78	.....	4324	4.00
47		49	79	.80	.....	2726	4.00



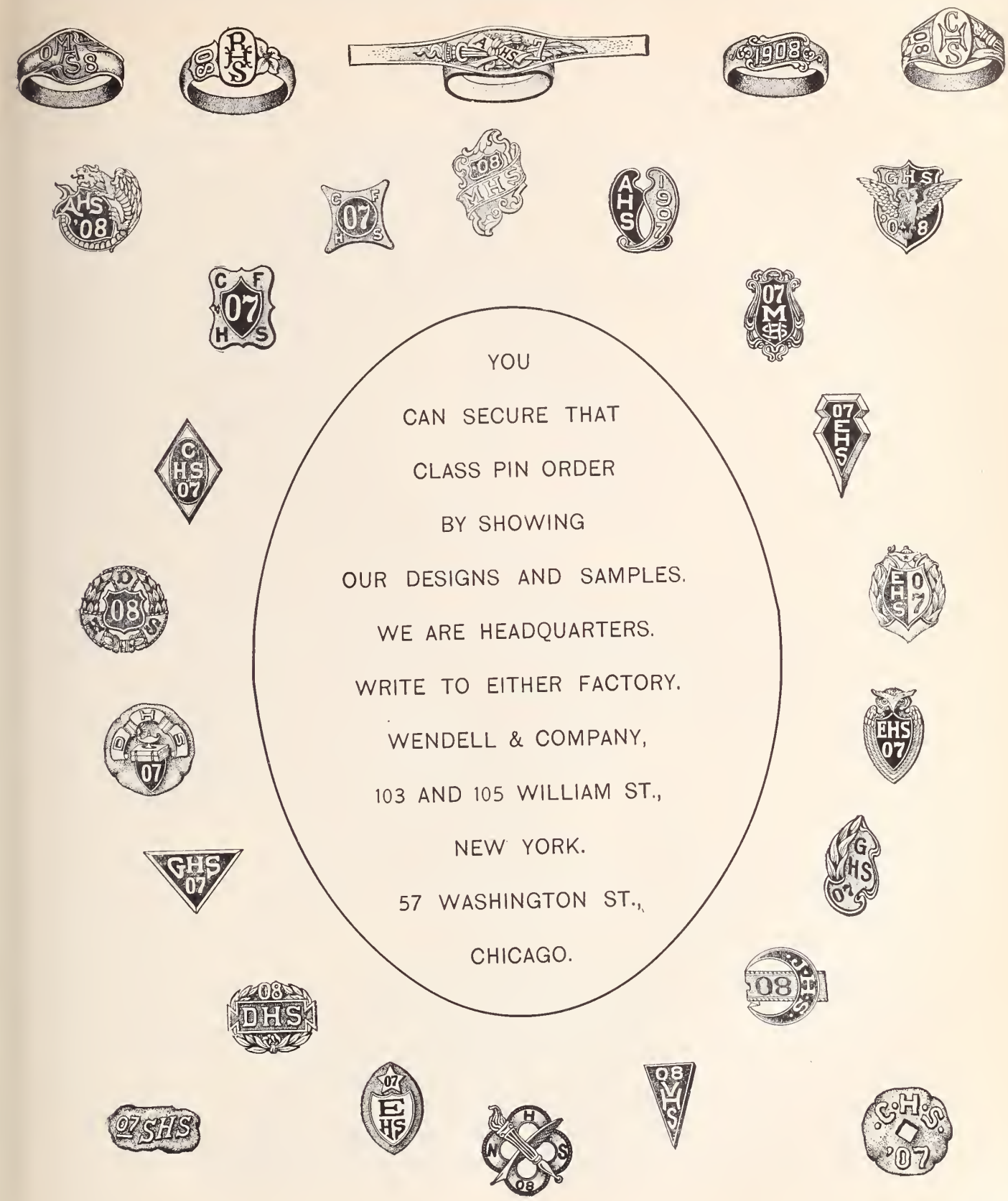
S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.

HIGH GRADE 14 K. FILLED CHAINS
B
WARRANTED
•TRADE MARK•


YOU
CAN SECURE THAT
CLASS PIN ORDER
BY SHOWING
OUR DESIGNS AND SAMPLES.
WE ARE HEADQUARTERS.
WRITE TO EITHER FACTORY.
WENDELL & COMPANY,
103 AND 105 WILLIAM ST.,
NEW YORK.
57 WASHINGTON ST.,
CHICAGO.

"Attains Its Majority"

An Easy-Selling Watch Case

THE WADSWORTH 20-YEAR CASE affords an excellent supplement to the 25-year lines. The usual jump from the 25-year cases to those of lower grade is apt to be too great. A man may hesitate at a 25-year case, and yet not want to drop to a 10-year or 5-year case. This is where THE WADSWORTH 20-YEAR CASE exactly fits the circumstances—it suits the man who wants a high grade case but is not quite ready to pay the higher price of those which cost more. Every dealer should carry this line.

The Wadsworth Watch Case Co.

49 Maiden Lane, NEW YORK

CHICAGO
Columbus Building

SAN FRANCISCO
717 Market St.

FACTORY, DAYTON, KY.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.



No. 79

Hunting and Open Face

17 jewel, adjusted to temperature; patent regulator; Breguet hair-spring; handsomely damaskeened; thoroughly well finished throughout.

The best watch ever manufactured for anywhere near the price. Guaranteed a reliable timepiece.

ILLINOIS WATCH COMPANY

SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

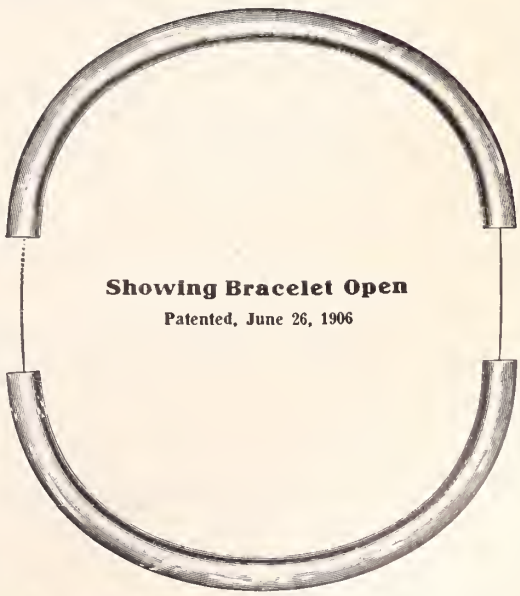
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND

Dueber

is the name most intimately known to the Watch Trade of the United States as associated with the Watch Case industry. The name "Dueber" on any Watch Case is an absolute guarantee of good quality, artistic conception and fine workmanship.

Hampden

stands for what is peerless in American Watch Movements. For twenty-five years the name has borne an unrivaled reputation, and the Hampden high-grade movement has been a standard for imitators to work from.

Watches

are an essential part of every retail jeweler's stock, and to have the right kind of watches should be the care of every dealer. The more consideration given to this subject the more sure are Dueber-Hampden Watches to be chosen.

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

Talent, Energy and Progression

are the qualities necessary to achieve success in this strenuous age

¶ The followers of the "let well enough alone" policy are living in the past and become the victims of the ambitious, hustling competitors who, looking into the future, constantly go forward.

¶ The forward pace in business is made more easy and quick by selling the right kind of goods; goods that are satisfying in quality and value and that add to the reputation of the merchant.

¶ ***We offer you goods that have all the requisites necessary to please and satisfy your customers, that equal in value the cost, and will never mar your reputation from being associated with.***

¶ We refer to

Illinois Watches and Hamilton Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

A 10 K. Line that is 10 K.



MANUFACTURERS OF

FINE GOLD JEWELRY, Brooches, Rings, Cuff Buttons, Scarf Pins, Lockets
Fobs, Tie Clasps, Neck Chains, Crosses, Lorgnette Chains, etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

The Duchess Toilet Set



THE WHITING MFG. COMPANY desire to introduce to the notice of the Jewelry Trade a new Toilet Set in the attractive character of which they have the utmost confidence.

Among the multiplicity of elaborate toilet sets which are offered for the Jeweler's consideration this new design will assuredly command a marked degree of attention owing, in great measure, to its very simplicity of treatment.

The graceful vivacity of its line, and the symmetrical elegance of its form free it, on the one hand, from any suspicion of flatness or monotony of effect, while lending it, on the other, a decorative quality even more striking than that produced by a profusion of intricate ornamentation.

As befitting the aristocratic dignity of its aspect the suggestive title "THE DUCHESS" has been conferred upon the new pattern.

TRADE MARK
STERLING.

WHITING MFG. COMPANY

SILVERSMITHS

Broadway and Nineteenth Street - NEW YORK

The Winthrop



¶ The Plain, Graceful Lines of this Pattern Appeal Particularly to the Taste of Those who Enjoy Simple Elegance.

¶ This is one of our three best selling patterns. The "Adrea" will be illustrated later.

The Woodside Sterling Co., 192 Broadway, New York.

Our New Engraved Pattern

One of the three New and Artistic Effects that we are showing this season.



TRADE B MARK.

The demand for engraved effects in Toilet Ware and Manicure Sets of heavy weight is increasing. Our engraved pattern, as illustrated, was originated to meet the call of the coming season. The Mirrors and Hair Brushes are made in two sizes and may also be had in plain pattern, from which engraving is eliminated. A complete price list is ready for mailing, and we will be pleased to send it to you upon request.

Card Cases *Baskets* *Shirred Wrist Bags*
Photo Frames *Jewel Cases* *Sterling Novelties*

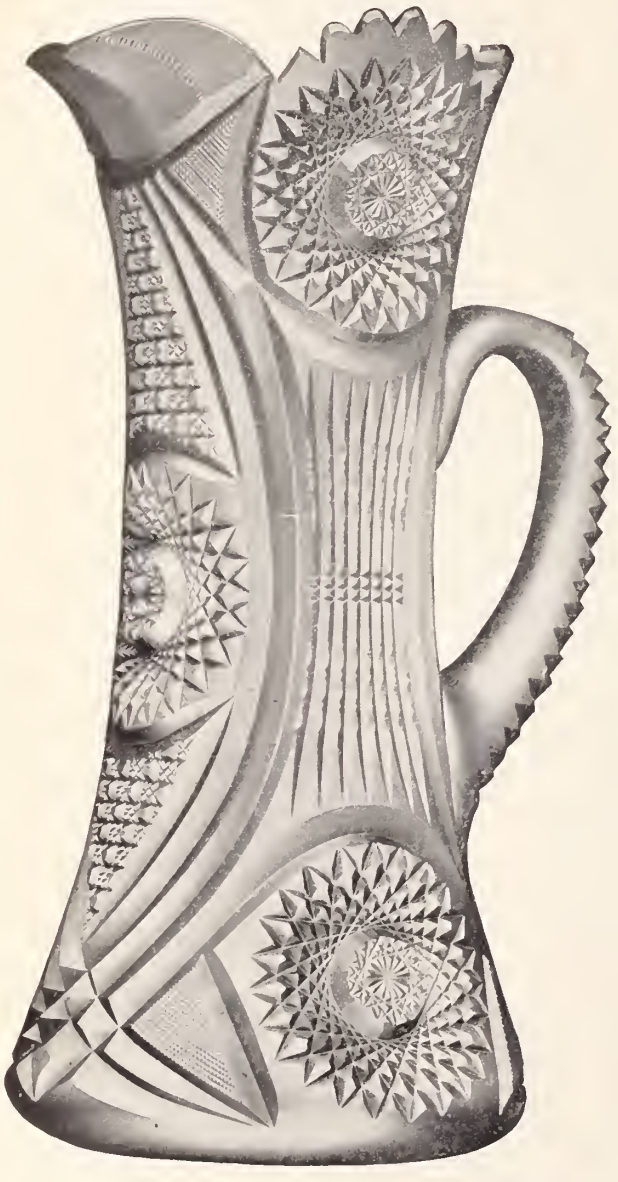
Combinations in Toilet and Manicure Sets, arranged in handsome silk lined cases.

R. BLACKINTON & CO.

ESTABLISHED 1861

3 MAIDEN LANE, NEW YORK

FACTORY, NORTH ATTLEBORO, MASS.



CUT GLASS
AND STERLING SILVER

Are you prepared for an unusually active HOLIDAY SEASON? A good many dealers believe they are not ready until they have inspected our line of RICH AMERICAN CUT GLASS, STERLING SILVER AND SILVER PLATE.

Call at our warerooms and look over our goods, whether you buy or not.

FACTORIES

THE MERIDEN CUT GLASS CO.
THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
MERIDEN BRITANNIA CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.
SIMPSON, HALL, MILLER & CO.
THE WATROUS MFG. CO.

INTERNATIONAL SILVER COMPANY

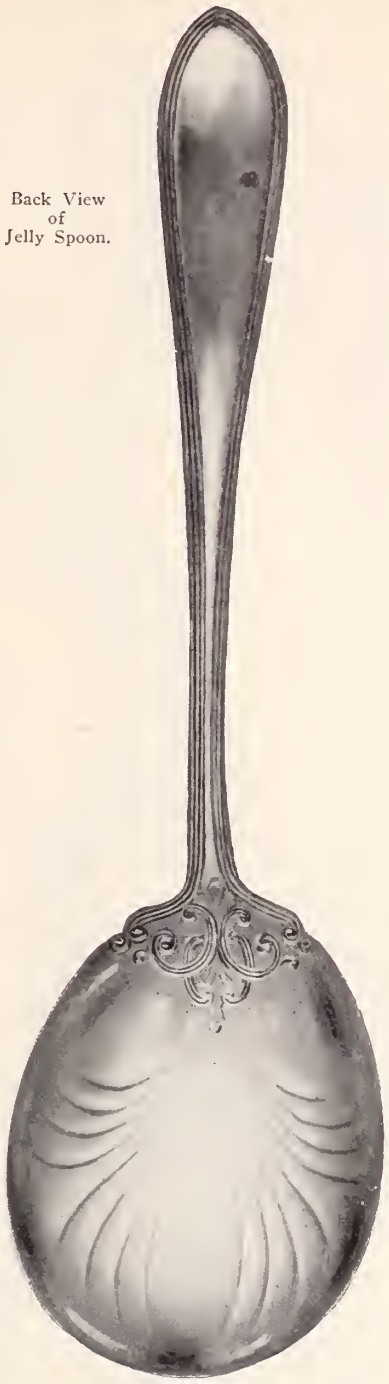
Warerooms

9=11=13=15 Maiden Lane, New York

GENERAL OFFICE, MERIDEN, CONN.



Dessert Spoon.



Back View of Jelly Spoon.



Table Fork.



"Pilgrim" Pattern

"PILGRIM" Pattern is a new and extremely artistic design recently produced by this company.

It possesses many characteristics which commend it to the discriminating buyer, chief among which is its simple though elegant design, grace and refinement of ornamentation. It is unquestionably a pattern that ***will remain permanently in demand.***

MADE IN ALL THE FANCY PIECES

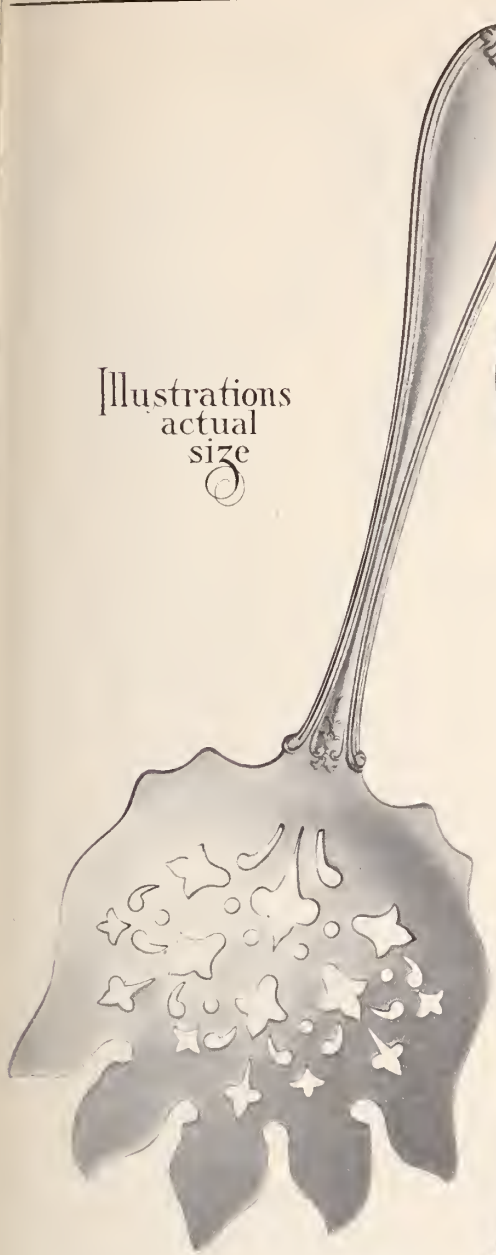
FRANK W. SMITH CO. Manufacturers of Sterling Silverware
GARDNER, MASS.



The Margaret

A Beautiful Pattern in Sterling Silver

Illustrations actual size



CUCUMBER SERVER



BERRY SPOON



SUGAR SHELL

LARGE MEAT FORK

MADE BY
SIMPSON, HALL, MILLER & CO.
International Silver Co. Successor
WALLINGFORD, CONN., U.S.A.
NEW YORK
CHICAGO
SAN FRANCISCO
TORONTO

Silversmiths to the American People


1521


1522


1519


1520


1517

We make them, We mount them, We sell them.


1508

¶ Plain Lockets in every size. Fancy Lockets in every style. Our plain goods are by far the best in quality at the lowest prices. Our fancy goods are assuredly rich in design and attractive in appearance. We will gladly quote prices and send a selection on application.

Lockets, Buttons, Brooches, Scarf Pins, Tie Clasps, Heart Charms, Fobs, Knives, Cigar Cutters, Match Boxes, Bracelets


1528


1507

10-K that is 10-K

ILLUSTRATIONS EXACT SIZE


1529

ROBT. LEVY

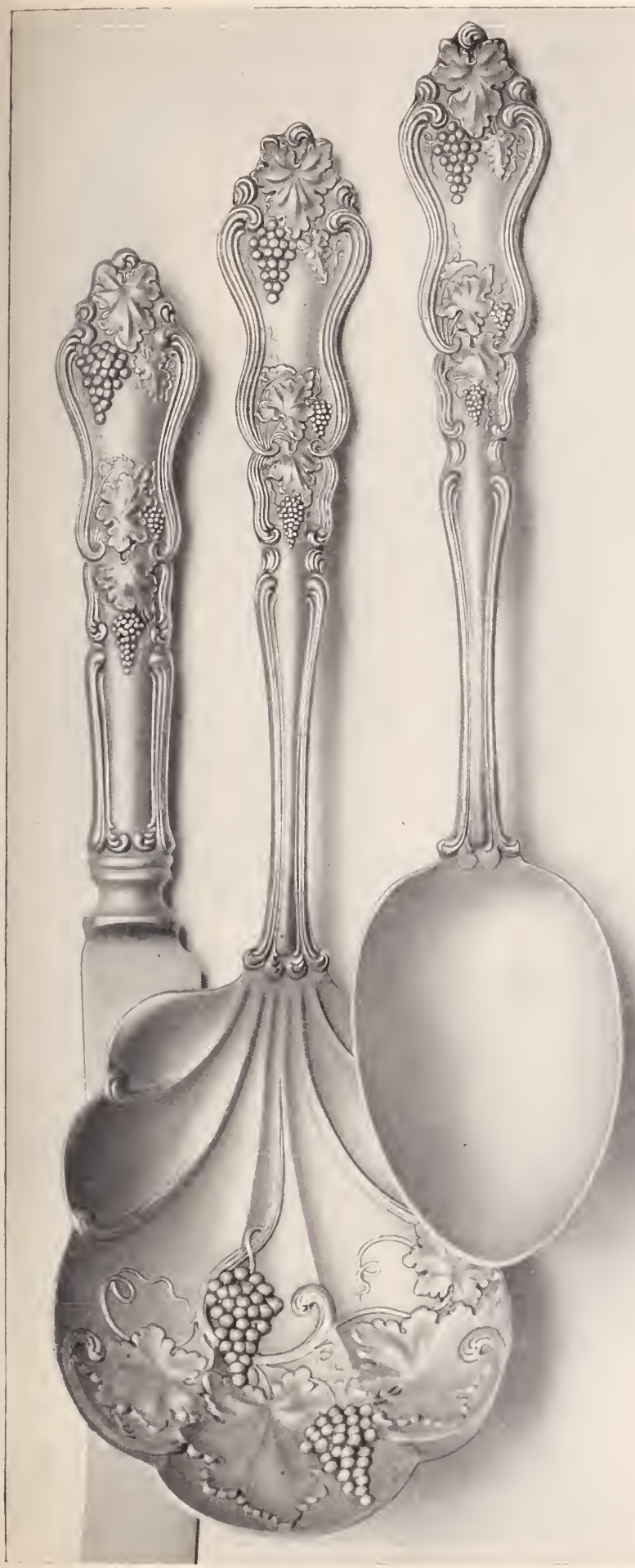
Manufacturing Jeweler

Green and Columbia Sts. NEWARK, N. J.


1542


1534


1524



WORLD BRAND SILVER

THE manufacturers of World Brand Silver take pleasure in submitting for your inspection a reproduction of their new design which will be known as the "Moselle" pattern. ¶ Into the creation of these beautiful pieces of "silver art" we have put the work and study of many months. The result, we feel, is worthy of the reputation for quality, which World Brand Silver has always held.

Let us send you our trade catalogue, illustrating and pricing our entire line.

American Silver Company

Factory: BRISTOL, CONN.

New York
46 West Broadway

Chicago
Silversmiths Bldg.



Every progressive jeweler knows that to postpone selection for holiday stock at this time of year is not good business policy.

The "Season" will be here before you realize it. See that you are prepared for the holiday demand for **Heintz Rings** by replenishing your stock **now.** The HB Product represents the highest standard of ring excellence.

HEINTZ BROTHERS - BUFFALO, N. Y.

Simmons Watch Chains

MEASURE SIMMONS CHAINS by any standard you will — make any comparisons you like with other makes — satisfy yourself that they are the right sort of chains for your trade — then *push* them.

There are no goods that will better repay pushing — no other chains that you can sell with so little effort or recommend with so little risk.

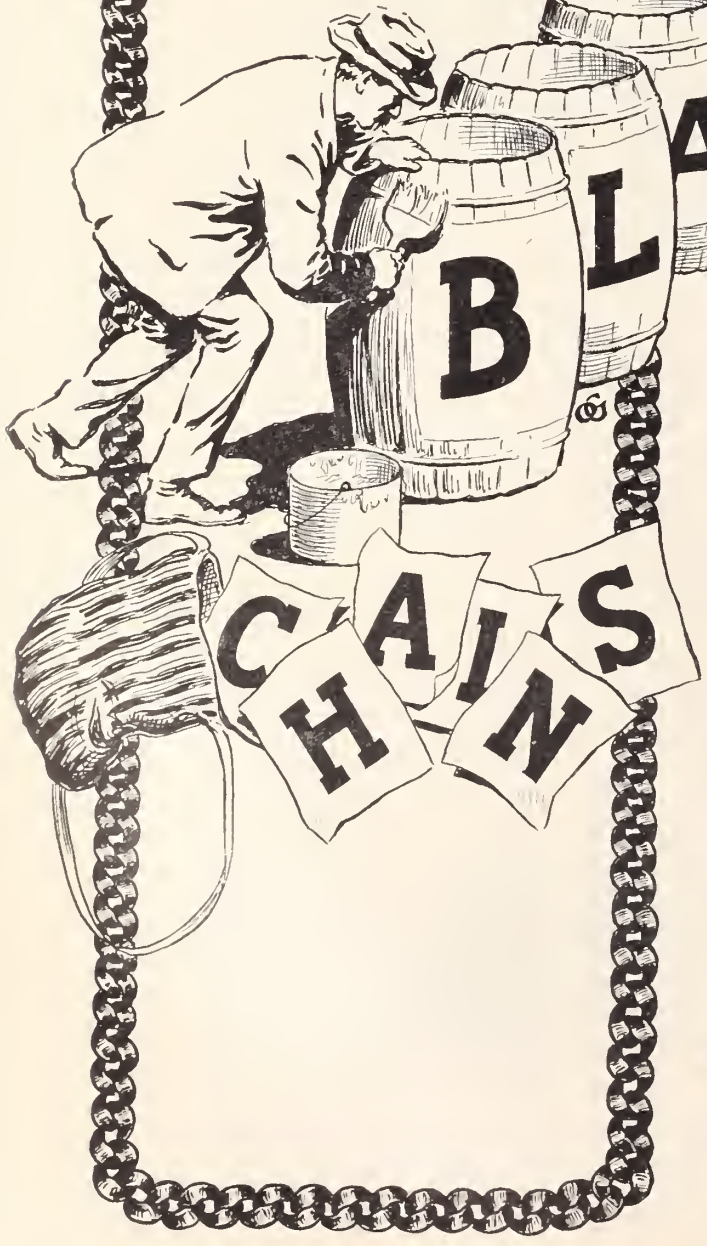
Safe and salable, Simmons Chains fully satisfy both the jeweler and his customers.

R. F. SIMMONS COMPANY

Main Office and Works, ATTLEBORO, MASS

Salesrooms, 9-13 Maiden Lane, New York. 42 Madison St. (Heyworth Bldg.), Chicago.

The way barred



After a jeweler has sold W. & S. B.★ chains long enough to appreciate their merits, the way is barred to all other brands. He knows there is not a single point of excellence known in the filled chain industry that is not found in W. & S. B.★ chains; and he also knows that there are many which are found in no other brand. He knows the goods are not handled by department stores or mail order houses, and he can sell them to his customers with the absolute knowledge that they are getting the best chain value obtainable. His protection is not only the absolute guarantee of the manufacturers, but it is W. & S. B.★ quality, which never varies, and which makes a guarantee unnecessary. His confidence in the goods is based on his own experience. It's no wonder that the way is barred to other makes. Every retail jeweler gets a premium who buys forty or more W. & S. B.★ chains before January 1, 1907. Your jobber will supply the goods or a selection package will be sent through any jobber you may designate.

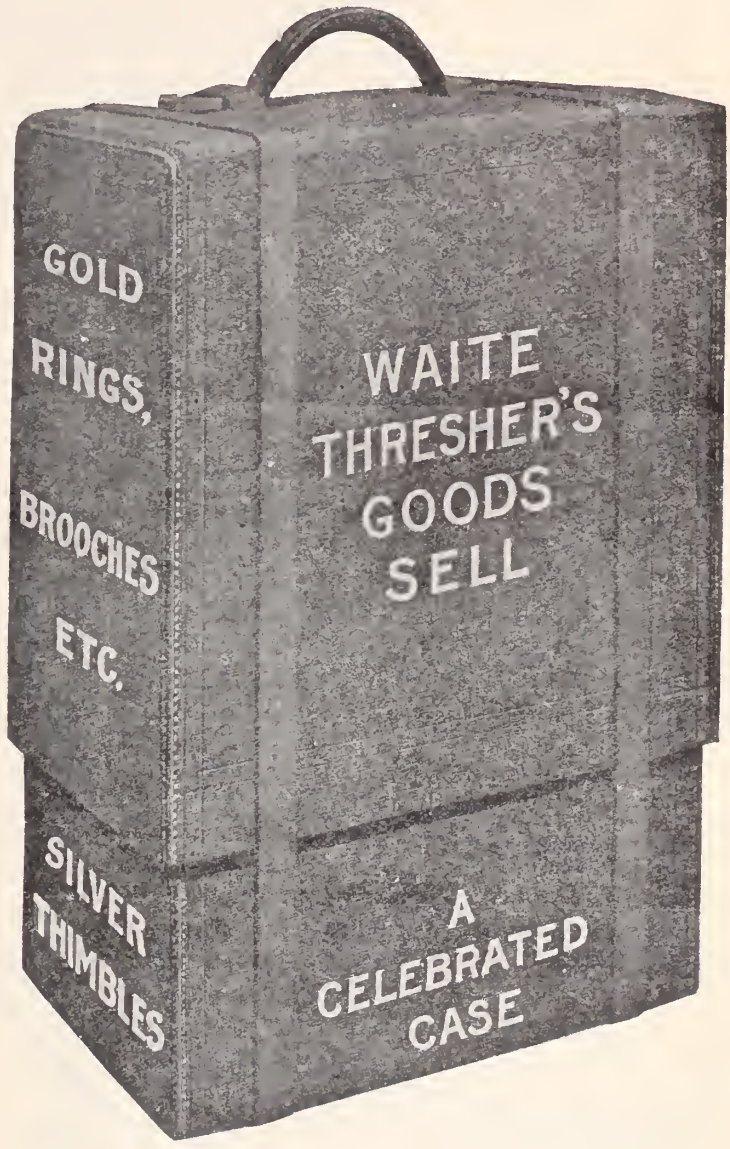
W. & S. Blackinton Co.
MANUFACTURERS
NEW YORK, 14 Maiden Lane
Factory, North Attleboro, Mass.

Wait
And See
In the "Celebrated Case"
This Season's New Goods.
Every one a Seller.

There
Have always been
Reasons:—
Established reputation,
Staple Patterns,
High Quality,
Endless Variety,
Right Prices,
'
Square Dealing.

Good Buyers Never
Overlook
Our Creations.
Duplicate Orders
Stimulate and

Strengthen
Every Live Business.
Learn to Use the
Line that "Gets There."



TRADE MARK

WAITE-THRESHER COMPANY

NEW YORK:
7 MAIDEN LANE

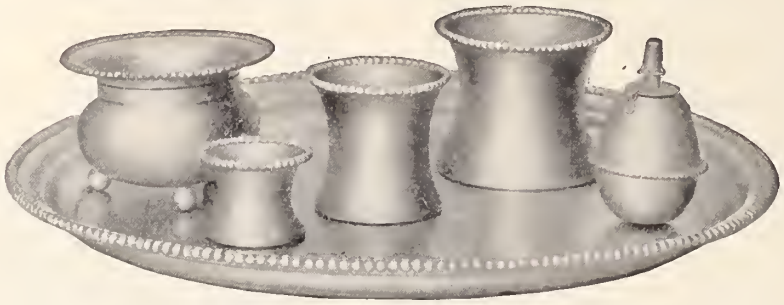
61 Peck Street, Providence, R. I.

CHICAGO:
1203 HEYWORTH BLDG.

ONE OF OUR SMOKING SET DESIGNS FOR THE HOLIDAYS

Made in

Brass
Copper
Nickel-Plate
Silver-Plate



Consists of

Cigar, Cigarette and Match Holders, Gilt Lined; Alcohol Lamp, Ash Receiver and Round Tray, 12 ins. in Diameter.

The man who smokes is always desirous of adding something to his smoking outfit that is ornamental as well as useful.

A Sternau Smoking Set is excellent to give the smoker as a present, because being appropriate and unusual it will instantly appeal to him.

Sternau Smokers' Articles are suitable and profitable for Jewelers to sell.

Our new Catalogue No. 21, showing many other articles salable throughout the Fall and holiday seasons, will be sent on request.

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Fancy Teakettles, Alcohol Stoves, Chafing Dishes and their accessories, Smoking Sets, etc.

If It Burns Alcohol We Make It

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN
CORAL FISHERIES
IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN
CORAL FISHERIES
IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world,** being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

Telephone, 5412 Franklin.

BORRELLI & VITELLI, 401 BROADWAY, NEW YORK.

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

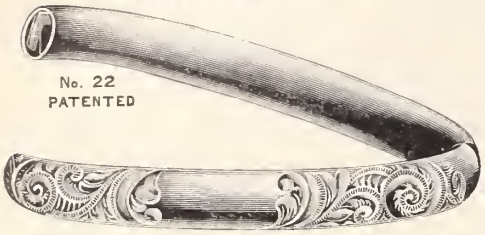
Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets



THE "BATES" BRACELETS
"Kant-Kum-Off"



BATES & BACON
Attleboro, Mass.

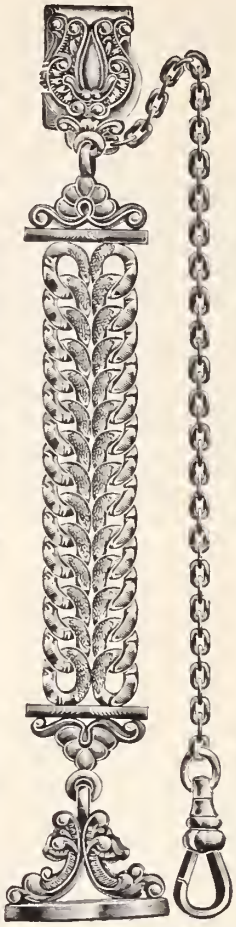


The
BEST SAFETY FOB

"BATES" Bracelets

Patented Dec. 26, '05

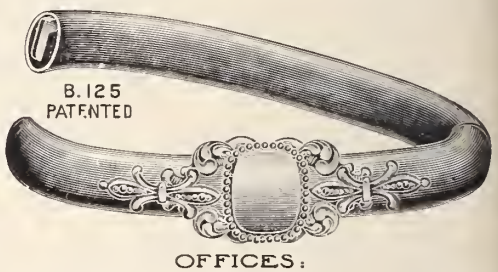
Other Improvements Pending



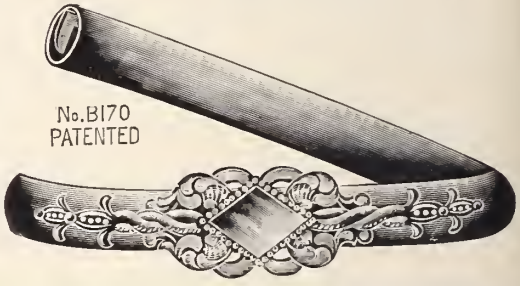
Makers of HIGH GRADE CHAINS



Made in Seven Sizes
Ask Your Jobber for Our Goods.



OFFICES:
New York, 9 Maiden Lane
Chicago, 103 State Street





FACTORY OF WHITING & DAVIS, THE HOME OF

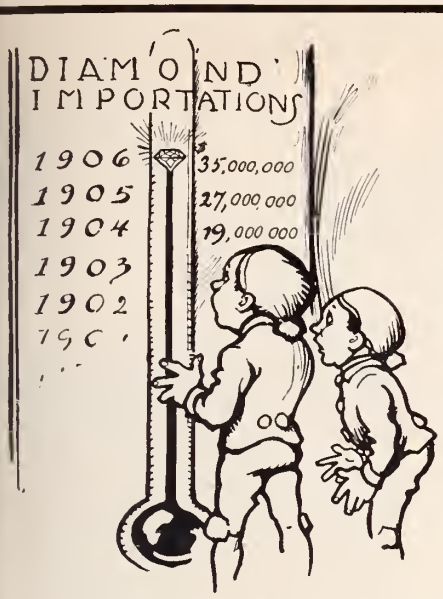
BAGS AND BRACELETS

OUR LINES OFFER AN UNEXCELLED RANGE TO SELECT FROM

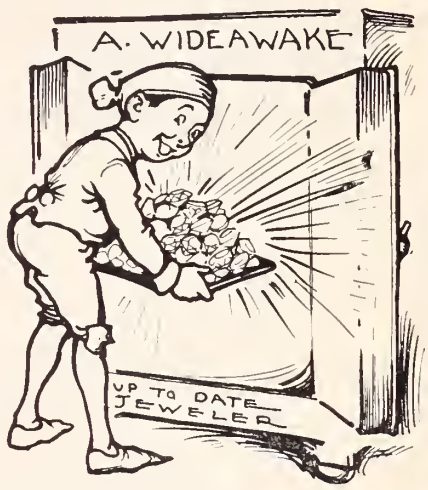
New York Office,
7 Maiden Line.

WHITING & DAVIS,

PLAINVILLE,
MASS.



THE continuous increase in the price of Diamonds is a source of surprise to many, but in spite of every raise the importations and sales are constantly increasing; $35,000,000 (the largest on record) in the fiscal year ending June 30, 1906, against $27,000,000 for the year ending June 30, 1905. The demand is more than keeping up with the supply, and stocks are increasing in value while you hold them. Goods bought at present will be worth more within a comparatively short time, and Diamonds purchased now will prove a good investment for the future.



Our prices are always the lowest possible. Let us convince you of this on some special order, or for any goods you may require for your regular stock.

Henry Freund & Bro.

Diamonds, Watches and Jewelry 71 Nassau Street, NEW YORK

ELK and F. O. E. GOODS a Specialty

Our Trade-Mark "The Rose" Stands for Quality and Excellence

Bracelets of the Present

Modified as to Form

THE DECREES of Paris are always closely followed in the Jewelry of this establishment. The edict has gone forth that the inside circumference of Bracelets shall be larger than heretofore to permit of wearing well up on the arm and over gloves. This and other fashionable features are embodied in the present splendid showings. The effects include impressive Antique Designs, characteristic Egyptian Conceptions and the notable Damasquiné Forms. Attention is invited to those mounted in

JAPANESE CORAL OF DELICATE TINT
THE NEW PINK TOURMALINE QUARTZ
LIGHT SAPPHIRE AMETHYST

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK

A Quick Selling Novelty

FOR FALL AND HOLIDAY TRADE



BOTTLE OPENERS

IN STERLING SILVER, SILVER PLATE, BUCK HORN, ETC.

The convenience and cleanliness of this form of bottling having brought it into general use, these openers will be appreciated for the table. **SEND FOR CATALOGUE.**

MADE BY

WM. B. DURGIN COMPANY

Silversmiths

Concord, New Hampshire 320 Fifth Avenue, NEW YORK

STERLING BAG

No. 1621 R. Hand Made

Saw Pierced Mounting

Size 5½x4 inches

TRADE (W B) MARK.



WEIZENEGGER BROS.

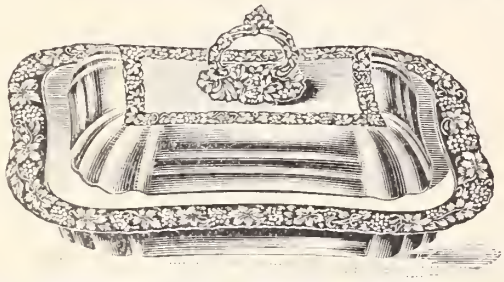
MANUFACTURERS OF

Sterling Bags and Gold Chains

358 HALSEY ST., NEWARK, N. J.

TELEPHONE 1038 J.

Sam'l Buckley & Co. English Fancy Goods



We can show you a fine line of

Sheffield Plated Trays,

and also Tea Sets, Tete-a-Tete Sets, Vegetable Sets, Wicker Bottles, Tantalus Sets, Glass, Silver, Silver Plate, etc.

118-122 Holborn, E. C., London
100 William Street, - New York

No. D, 272

9¼ inches high



$13.50

Silver Deposit Ware is our Specialty

There is no comparison between our line of Silver Deposit Ware and all others.

WE LEAD

No trouble to send a selection to representative jewelers.

DEPASSE MFG. CO.,

Silversmiths

41-43 Maiden Lane, New York

Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

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DESIGNS

For Silverware, Novelties and Jewelry : : : : : : :

FINE ETCHING

We etch sports figures, animals, scenes, etc., on silver. Veritable works of art at a reasonable price.

CHARLES M. PRIOR ('PHONE 1224 HARLEM) 1683 Madison Ave., New York

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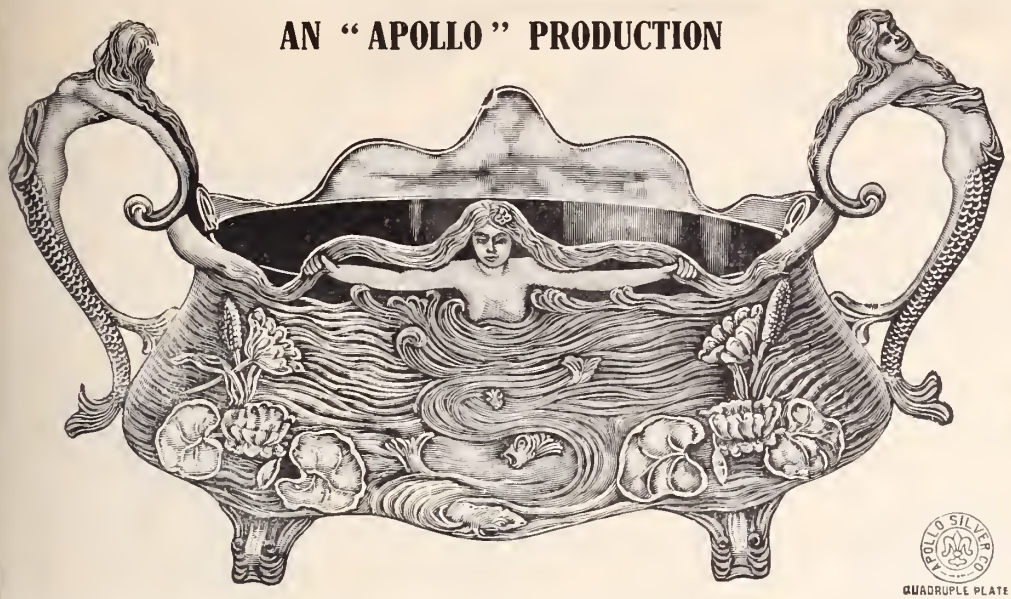
DESIGNER,

Etching in Gold and Silver,

Telephone, 3960 Chelsea.

No. 70 5th Avenue, NEW YORK

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OVAL FERN DISH, No. 1233. List Price, $9.38.

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SILVER PLATE

AND

"APOLLO" STUDIOS'

"Metal and Glass"

TWO SPLENDID LINES

MADE BY

APOLLO SILVER CO.

BERNARD RICE'S SONS

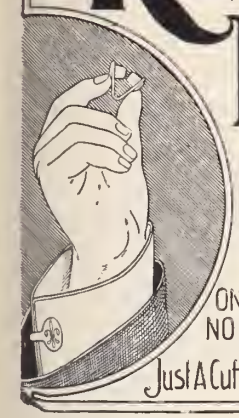
PROPRIETORS

544 BROADWAY, - NEW YORK

APOLLO SILVER CO. QUADRUPLE PLATE

WRITE FOR BOOKLET

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO LEVER

NO SNAP NO SPRING

Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER

Sole Manufacturer

Hartford Bldg. CHICAGO, ILL.

THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins. The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c; in 10k. gold, $1.00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

Trade-Marks of the Jewelry and Kindred Trades.

Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.



ENGLISH ENGRAVED FLASK

¶ Our assortment of flasks, including those in solid deposit, also leather flasks with cup, together with a large assortment of colognes and atomizers, have this same English engraved effect, and are excellent sellers.

¶ Our distinct line of unsurpassed designs in deposit ware, artistically developed, with the engraving handsomely carried out, commands the attention of the judicious buyer.

¶ A few of our specialties are Colognes, Atomizers, Vases, Decanters, sterling silver Photo. frames, Buckles, etc.

SCHARLING & CO.

Manufacturing Silversmiths

755 Summer Ave., Newark, N. J.



The Transit Ticket Holder.

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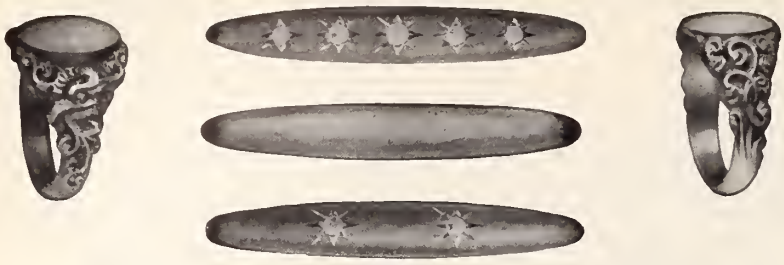
A unique, handy device for carrying transit tickets. Fits the smallest pocket. The spring inside pushes up the ticket. The thumb pushes it out. A rapid seller for the jewelry trade. Write for further information.

Made only in Silver.

CHARLES B. BYRON,

Maker of Gold and Silver Novelties,

206 E. 19th St., NEW YORK.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK,
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CHICAGO,
42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.



DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing; therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York



AT LAST!

KEY RING PROBLEM SOLVED!

THE ring illustrated herewith does the trick. You can put on and take off one dozen keys in less time than you could take one off any other make. We can also supply patent key rings in 10 and 14K. gold.

See our fall line before you place your order for Sterling Silver, Picture Frames, Card Cases, the new style Pocket Book, Toilet Ware, Manicure Articles, Buckles, Jewel Cases, Child's Cups and other hollow ware.

PRYOR NOVELTY COMPANY

New York Office: 7 Maiden Lane

Factory and Office:
473-475 Washington Street, Newark, N. J.

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18K., 14K., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18K. and 14K.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The "Bryant" Rings.

WE have made the **Bryant Rings** for 50 years, and know how to make first class goods. The stone setting—which every retailer knows is a very important part of the work—we give special attention to. The **Bryant Rings** will help your reputation as a first class Jeweler.



TRADE-MARK.

M. B. BRYANT & CO., No. 7 MAIDEN LANE, NEW YORK.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

Beauty and Sentiment in Lockets

EXPERIENTIA DOCET

OF ALL PIECES of Jewelry the Locket is most intimately fraught with personal associations. Rich, artistic conceptions are united with individuality and a touch of sentiment in the lockets here made. These qualities assure sales.

PRICES: $6.00 to $100.00.

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Durand & Company, 49-51 Franklin Street, Newark, N. J.

EVERYTHING IN

MOURNING JEWELRY.

A. J. HEDGES & CO.,
Makers of Exclusive Designs in 14K. Jewelry,
14 JOHN STREET, NEW YORK.

14 K TRADE-MARK



OSMUN-PARKER MFG. CO.
MAKERS OF
Fine Pearl and Diamond Goods
338 Mulberry Street
NEWARK, N. J.



Patented

Made in 14K. Gold only

The Transit Ticket Holder

One to Twenty "Sub," "L" or Ferry Tickets.

CARRINGTON & CO.
Sales Agent,
7 Maiden Lane, New York

BRACELETS

IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

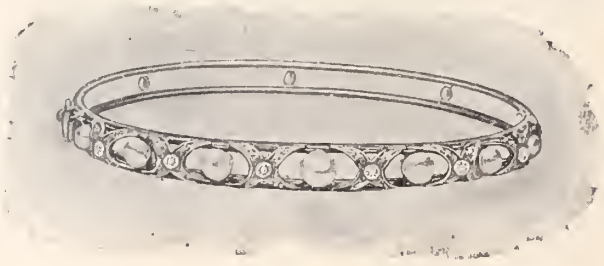
Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,
82-84 Nassau St., New York.
Established 1876. 'Phone, 801 John.

Trade-Marks of the Jewelry and Kindred Trades. Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

ALLSOPP & ALLSOPP'S "ORIGINAL LINE"
OF
BRACELETS AND BANGLES

Mounted in Combinations of
DIAMOND AND PEARL
DIAMOND AND SAPPHIRE
DIAMOND AND EMERALDS
DIAMOND AND BAROQUES



AMETHYSTS
TOPAZES
PERIDOTS
AQUAMARINES
ETC.

Factory and Main Office:
NEWARK, N. J.

A & A TRADE-MARK.

Branch Office:
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The R. S. Cigar Cutter

In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters ; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

23 B Maiden Lane, New York



ESTABLISHED 1841

Carter, Howe & Co.

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MANUFACTURERS OF

Gold Jewelry,

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FACTORY, NEWARK, N. J.

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Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. New York City

The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

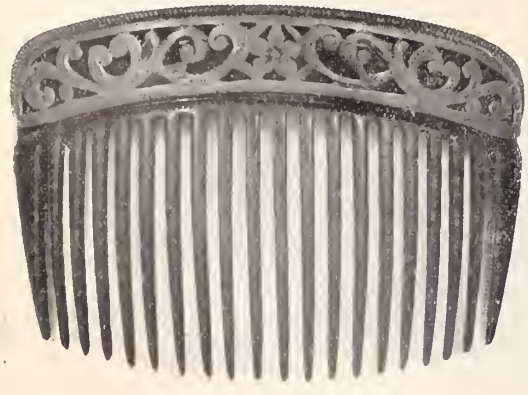
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Wagner Manufacturing Co.

41 Union Square, New York.

Repair Work a Specialty.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.



COMBS

in Fall creations. Characteristic of superiority and originality in design and workmanship.

Our Fall lines in gold and high quality gold filled combs are noteworthy for their rapid selling qualities.

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SCOFIELD & DeWYNGAERT, Newark, N. J.

New York Office, 9 Maiden Lane

REFINEMENT EXPRESSED IN DESIGN.

ELEMENTS OF QUALITY, however readily they may be discerned, are not so easy to define in words. There is a distinguishing something about the lines here made which is instantly recognized by both trade and consumer. Let us call that something "refinement expressed in design."

Vermicilli Decoration here reaches perfection of arrangement and color. Fancy Applied Trim and Twist Wire assume richest delicacy and beauty. Hand Engraved Designs here attain their appropriate dignity and impressiveness.

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

ELKS



Our
Copyrighted
Elk Head
Best in the World.

B. P. O. E.
In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD
Brooches, Lockets, Links
Bracelets, Scarfs

And Everything Else in Gold Goods

CHAS. L. TROUT & CO.
15 Maiden Lane, New York City

YOU ARE LOOKING FOR

PROTECTION THAT PROTECTS

therefore join the

JEWELERS' LEAGUE OF NEW YORK

which has paid to beneficiaries over

$3,320,000.00

without disputing or compromising a single claim.

The League offers life insurance in amounts of $1,000 to $5,000, as desired, at the lowest possible cost consistent with safety.

Investigate the table of rates, which allows maximum insurance at minimum cost, and which rates are payable monthly, thereby making the insurance easy and convenient to carry. Age limit of applicants, 21 to 44 years.

For full particulars, send age and address to

JEWELERS' LEAGUE

12 John Street, New York, N. Y.

G. W. STREET, President
F. A. MARSELLUS, Secy. and Treas.

APPLICANTS ARE NOT RESTRICTED TO THE JEWELRY TRADE.

OUR GOODS

are all stamped with the following trade-mark

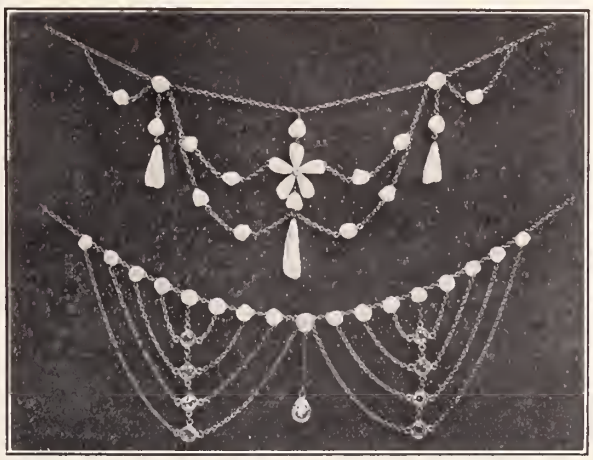


which means 10K. or 14K.; also that we stand behind any article manufactured by us bearing this trade-mark as absolutely standard in quality.

Schultz, Leiss & Co.

NEW YORK OFFICE:
12-14 John St.
CHICAGO OFFICE:
103 State St.
FACTORY, - - - Newark, N. J.

PLATEAUX and TRAYS
OUR SPECIALTY
Sizes, 6 to 20 Inches
Gold, Silver, Nickel
J. E. ROHRBECK
40 FULTON STREET, NEW YORK



FESTOON NECKLACES

The increasing demand for high grade Festoon Necklaces has compelled us to make up a larger and more varied line of them than ever before, set in combination with Diamonds, Baroque Pearls, Aquamarine, Topaz, Peridots, Amethysts, Turquoise, fancy Sapphires, etc., etc.

CUFF BUTTONS LOCKETS
BROOCH PINS SCARF PINS
BRACELETS

COOPER & FORMAN OFFICE AND FACTORY 3 MAIDEN LANE, NEW YORK
MAKERS OF DIAMOND JEWELRY

"THE BRACELET HOUSE."

KENT & WOODLAND,

BRACELETS FOR EVERY WOMAN AND MISS.

16 John Street, New York.

San Francisco Office,
Care JULIUS A. YOUNG.

"Nethersole Bangles," Plain and with Stones.

"Pinhole" Secret Snap, with and without precious and semi-precious stones.

COMBS and BRACELETS

WILL BE THE LEADING SELLERS THIS FALL



Those here shown are but a few of our complete line in both Gold and Filled. There is not a poor seller in our stock. Our line of

Gold and Diamond Rings and Jewelry, Gold and Filled Chains, Festoons, etc.

is more complete than ever before. A card to us will bring our representative to you when in your vicinity.

Selection packages sent on request

JULES ASCHEIM

37 Maiden Lane, New York

MEN'S LADIES' All Sorts of **LOCKETS** UNMOUNTED MOUNTED WITH DIAMONDS OR ROSES. PENDANTS LINK BUTTONS RIBBON FOBS



ROTHSCHILD BROS. & CO.

51-53 MAIDEN LANE - - - NEW YORK



SOLID GOLD CHAINS OF EVERY DESCRIPTION

The selling expense of chains is an item which ordinarily affects the cost in a measure which is greatly to the disadvantage of the retail jeweler.

In the price of *our* chains, this selling expense does not appear. *You* get this benefit when you buy

SOLID GOLD CHAINS

TRADE K MARK

direct from us, as you do not have to help pay the salaries and expenses of salesmen. We have no traveling salesmen and our prices are therefore very low.

For 56 years exacting jewelers have found our chains ready sellers, very profitable to handle and most durable in service.

We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane

New York

CASSIUS W. SEYMOUR,

37-39 Maiden Lane, New York.

ALLOW ME TO CALL ON YOU IN THIS WAY



Jewelers' Stationer and Printer

Jewelers' Cards, Tissue Paper, Tags, Blank Books, etc.

ROLL AND FLAT PAPERS.

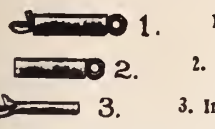
Estimates cheerfully given. Mail orders promptly attended to.

Let us quote you our prices on manifold books and sealing wax.

Established 1879. Manufacturer of

LOUIS W. HRABA, **Fine Leather Goods,**

29 East 19th St., New York. Exclusively for the Jewelry Trade.



1. Snap complete.
2. Outside of Snap.
3. Inside of Snap.

The E. P. H. Patent
NON-PULL-OUT
Neck Chain Snap

Is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

Can be had of the following Wholesale Selling Agents:

Messrs. W. Green & Co., 81 Nassau St., New York.
M. Sickles & Sons, Philadelphia
E. A. Cowan & Co., Boston
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Swartchild & Co., Chicago
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Leonard Krower, New Orleans
A. Walker Co., Providence, R. I.
Bauman-Massa Jewelry Co., St. Louis

PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz. net

Why Cannot 10K Jewelry be Made as Well and as Attractive as 14K?



It can be—and is.

We make it—and this assertion is backed by every retailer who has ever seen the line.

We invite the most critical comparison, as to appearance and plump quality.

Kohn & Co

Camp and Orchard Sts., Newark, N. J.



LA MATCHICHE Dog Collars and Chains

Are our Latest Novelty—Can be had in Various Colors

SEND FOR SELECTION

LEWY & COHEN, - - 530 Broadway, New York

Importers of Fans, Chains, Necklaces, Brooches, Combs, etc.

Stone Seal Rings
Signet Rings

TRADE (S) MARK

Established in New York 1837.

24 John St., New York. **Geo. O. Street & Sons.**

LOCKETS

"VERIBEST" Value—Quality

Immediate Deliveries.

Select a S.&B.L. ★ CO. Locket and the problem of **Value Is Solved.**

Satisfaction not only for the present but for the future.



Stone Set 3969—3968. No Stones 3967

S.&B. LOCKETS S.&B.L. ★ CO. FEDERER CO.

Manufacturers of "VERIBEST" Gold Filled ★ Lockets Sold Through Jobbers

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DORAN, BAGNALL & CO.

NORTH ATTLEBORO, MASS.

¶ Once more we would call your attention to our Chains. Quality and price tell, as is shown by our rapidly increasing business.

¶ All first-class jobbers now carry our Chains in large assortments. Be sure to have a selection of our Neck Chains, Guards, Fobs and Vests.

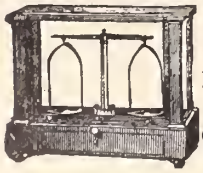
¶ They will surprise you by their selling qualities. Get your order in early if you want a sufficient quantity of those Kenilworth Bracelets—also Bangles and Signets—as there is a limit this fall.

¶ When in need of high-grade Rosaries with soldered chain, made and finished as only chain makers know how, see our line. They are sellers.

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1324 GEARY ST., SAN FRANCISCO, CAL.



HERMAN KOHLBUSCH, Sr.,

ESTABLISHED 1859.

Manufacturer of Fine Balances and Weights

for every purpose where accuracy is required.

Office and Salesroom, 194 BROADWAY, NEW YORK.

Send for Price List. Tel. 370 Cortlandt.



HIGH CLASS FANCY

Link Bracelets

MOUNTED WITH AND WITHOUT FANCY STONES.



The Product of Many Years of Conscientious Manufacture.

We are the largest exclusive makers of 10 Karat Jewelry.

Ask your Jobber for the P. & B. Co. lines of Fobs, Lockets, Tie Clasps, Brooches, Scarf Pins, Hat Pins, Baby Pins, Bead Necks, Cuff Buttons, Crosses, Bracelets and Waist Sets.



Potter & Buffinton Co.,

Providence, R. I.

New York Office, 65 Nassau St.

San Francisco Office, 206 Kearny St.

Orders Prove OUR Goods Sell

We make for the Jobbing Trade the following lines of

SOLID GOLD JEWELRY:



Rings
Scarf Pins
Studs
Brooches
Charms
Baby Pins
Handy Pins
Chain Sets
Link Buttons
Hair Barrettes
Crosses
Etc.

Insist upon seeing the designs of Gold Jewelry made by the

E. L. Spencer Company

95 Chestnut St., Providence, R. I.

New York Office, 9-11-13 Malden Lane.
(Samples only.)

NORMA TRADE MARK

The New NORMA



No. 253.



No. 265.



No. 254.



No. 271.

Patented Adjustable Bracelets

Examine our Popular Prices ranging from

$16.50 to $36.00
per dozen

The illustrations represent a few of the many styles we make

THE QUALITY OF ALL THESE GOODS IS FULLY GUARANTEED

Send for our new booklet, recently issued, showing all the latest patterns.

MADE ONLY BY

The F. H. Sadler Co.

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Address all communications to Attleboro, Mass.

N. Y. Office, 180 Broadway
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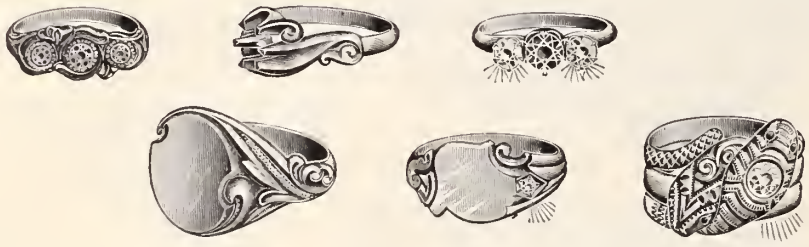
NORMA TRADE MARK

1876 *1906*

Hutchison & Huestis

RING MAKERS

FACTORY, - - - PROVIDENCE, R. I.



Quality Guaranteed—Superior Finish

JOBBING TRADE ONLY

NEW YORK,
3 Maiden Lane.

CHICAGO,
Columbus Bldg.
Harry H. Miller.

To make your Fall and Holiday Stock complete you will require a good assortment of

The Rosary

in Fine Jewels

Five years ago the sale of the Rosary was by Catholic periodical stores only. We advised that they should form part of the staple stock of every Jeweler, and those who added this special line to their stocks have been pleased with the results.

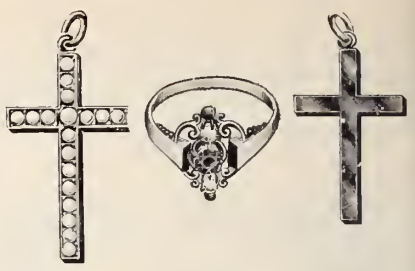
We have a splendid variety in real and imitation stones, popular selling sizes and colors, nicely mounted in gold and rolled gold-plate.

We will, on request, send illustrated list and if you wish, we will also send a package on selection, containing a good assortment of the different grades.

The W. J. Feeley Company
Providence, R. I.



One of our New Models, 1906.



We Have Consolidated.

We beg to announce to the trade that The Wm. C. Greene Co. and the American Ring Co. have consolidated as one concern, and will be known hereafter as Wm. C. Greene Co. Together we now make one of the largest lines of gold jewelry in the country and therefore are enviably equipped to submit values and a large assortment of patterns always new and up-to-date. Among the goods of our manufacture are Rings, Brooches, Scarfpins, Bracelets, Crosses, Heart Charms, Link and Collar Buttons, Neck and Eyeglass Chains, Garter Buckles, Waist Sets, Baby Pins, etc.

Ask your jobber to see our goods as they are salable goods.

WM. C. GREENE COMPANY
PROVIDENCE, R. I.

RINGS

WM. LOEB & CO.
101 Sabin St.,
Providence, R. I.
New York Office, 37 Maiden Lane.

ELKS - EAGLES

EMBLEMS, FOBS, PINS, LOCKETS, CHARMS.

WE ARE SPECIALISTS
Ivory, Pearl, Gold Filled.

S. & B. Lederer Co.

SOLD THROUGH JOBBERS ONLY

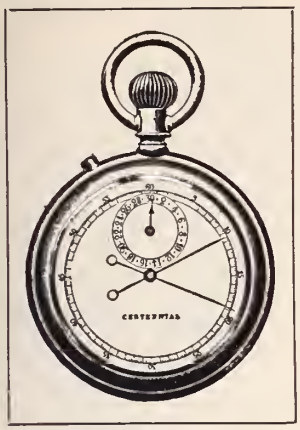
NEW YORK CITY.....11 Maiden Lane
PROVIDENCE, R. I.....100 Stewart St.
CHICAGO, ILL.....131 Wabash Ave.

BOSTON'S FOREMOST JOBBING HOUSE.

As manufacturers of diamond mountings, we have established a reputation for giving the greatest value at the least price. As direct importers of precious, semi-precious and imitation stones, we can serve as the repairer of your jewelry better than any other house. A full line of stones always on hand.

Write us for information, or
Send us a trial order.

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373 Washington Street,
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"Watch us" always for anything you wish in the "Watch" line.

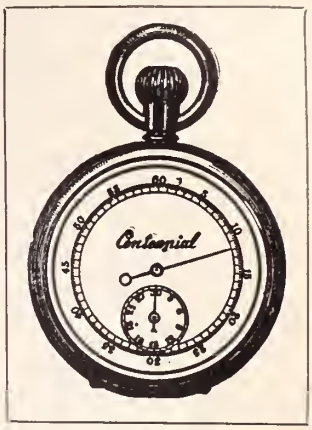
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CROSS & BEGUELIN, Manufacturers, **New York.**

Scarf Pins

Exclusive Novelties in Carbuncles, both in Real and Imitation Stones. Be sure and see them.

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WATCH FOR OUR NEW GOLD BRACELET

THE

EDWIN LOWE & CO., Inc.

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116 Chestnut St., PROVIDENCE, R. I.

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BROOCHES

OUR new line shows many designs, highly artistic and attractive, that will prove rapid sellers.

The highest class of workmanship is characteristic of all our lines.

Combs	Baby Pins
Brooches	Crosses
Scarf Pins	Waist Sets
Bracelets	Hat Pins
Barrettes	Collarettes
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TRADE A.O.T.G. M.F. & W. MARK

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LOOK FOR THE TRADE-MARK

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Would we court comparison on a product that couldn't "make good"?

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Solidarity Watch Case Co.

ESTABLISHED 1885

GENERAL SELLING AGENTS

JOHN W. SHERWOOD FRANK E. HARMER

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F&B F&B

ESTABLISHED 1873

Has your HOLIDAY STOCK of Sterling Silver Toilet and Manicure Goods and Sets been ordered?

If not, attend to it at once and insist upon getting goods with the F&B Trade-Mark. They have the QUALITY, BEAUTY and FINISH to attract the best trade and you will find them profitable goods to handle. They sell quickly.

Have you received our new Catalogue, H?

The accompanying illustrations are taken from it and they show a selection from our Gypsy pattern.

ORDER NOW and do not forget to add a few Armlet Bracelets, Lockets, Chains, Crosses, Pendants, Fobs, Neck Chains, Collarettes, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrettes, Buckles, Waist Sets and Hair Chain Mountings.



Theodore W. Foster & Bro. Co.

Manufacturing Jewelers and Silversmiths

100 Richmond Street

Providence, R. I.

New York Salesroom
13 Maiden Lane

Chicago Salesroom
Heyworth Building,
Wabash Avenue
and Madison Street

Canadian Salesroom
350 King Street,
Kingston, Ont.

The Growing Demand for Coral.

CORAL importers and dealers say that the American demand for the product has increased considerably in the last four or five years, and prices have advanced materially. Whether or not the cutting and carving of coral will become more of an industry in this country than it is at present is a question. In Italy many hundreds of people are employed in this work. There are some skilled coral workers in this country, all of whom have come from abroad.

At the coral works in Italy the workers are quite commonly sons of other men who have pursued the same line. The simpler designs, to be wrought out in the cheaper kinds of coral, are often sent to the homes, where the whole family works. In some of the orphan asylums, also, the inmates employ their time profitably in carving coral. The finer workmanship, as a rule, comes from the factories.

In speaking of the articles made of coral that are sold in New York, G. B. Vitelli, of Borrelli & Vitelli, 401 Broadway, said recently that the great majority are carved and finished in Italy. Most of the wares produced by his firm came from the factory in Torre del Greco, Italy, but the firm has also skilled Italian workmen in its shop adjoining its salesrooms in this city, so that many of the articles made in Europe may be duplicated here.

As to the kind of articles that may be made of coral, Mr. Vitelli says, there is scarcely any limit in the line of ornaments embracing necklaces, brooches, pendants, bracelets, scarf pins, charms, beads and buttons. There is now a special demand for necklaces made of cameos. Cameos for this purpose show heads of classical, historical, or fanciful subjects. There is a special call for reproducing in cameo the face of the person who is to wear it or the face of a relative or friend. Quite often a husband sends a photograph of his wife to the coral factory in order to have her picture carved in a cameo, or a wife may have her husband's likeness made in like manner.

A necklace of cameos may be bought at as low a price as $3, and from that up to quite high prices. The cameos for necklaces are made in sizes of one-quarter to one inch in diameter. A single cameo sometimes brings $100 or more.

In carving coral the workman uses a stone wheel and steel files. He places the coral in a pair of rude wooden pincers and holds the tiny piece against the sharp edge of the wheel or against the flat surface, as may be required.

After the coarser marks are made in this way the workman takes a seat at a bench. On a small slab of wood he holds the coral his thumb being protected by a leather covering. Then he files away, making the finest lines with wonderful accuracy.

The original designer works from a model such as a skull, a hand, or some other subject. After the first specimen in coral is completed by the sculptor the other workmen imitate it, and the object is produced in as great numbers as may be desired. The polish is obtained by rubbing with a chalky solution.

While the coral comes in red, white, black and pink, the rose color continues the favorite, Mr. Vitelli says. He added that the best specimens come from the Japanese coast. His firm's fisheries are near Kobe, Japan. Coral coming from the Mediterranean fisheries does not command as high prices, as a rule, he said, as that from Japan.

Dr. George F. Kunz, of Tiffany & Co., said that until within a recent period the Japanese went to Italy for coral, not knowing that the product in great quantities and in the finest qualities was lying on their shores. Now the Italians go to Japan for the rough coral. The idea of coral islands, Dr. Kunz said, has been exploded. It is now known that the islands are of volcanic origin, and the coral is only near the top.

Some necklaces made of fine specimens of coral, the beads being of large size, bring in the stores $1,000 to $1,200 and even more. Necklaces made of numerous strands, the latter in small sizes of beads, are also in demand.

The R. M. Weaver Gold Cup Recently Won at Pittsburg, Pa.

THE R. M. Weaver trophy offered to the winner of the 2.15 trotting class, which was captured by Parthenia, a bay mare owned by H. Chisholm, of Cleveland, O., at the Brunots Island races, Pittsburg, Aug. 29, was made at a cost of $2,500. It is of 14-karat gold and is a beautiful specimen of the goldsmith's art of to-day. The cup proper is nine inches high and the pedestal, which is of green Mexican onyx, is five inches high, making the trophy 14 inches in height over all.

The cup was made for Charles O'Brien & Co., Pittsburg, who supplied it, and for several days was exhibited in the firm's window in the Smoky City, where it attracted considerable attention. The front of the trophy shows a horse's head and a road wagon, and is of a most artistic design.

As the mare which won the cup secured it out of her class, 2.12¼, Parthenia will not be able to run for it again. The cup is for the amateur class only, and the winner to hold it must win three out of five races. Mr. Weaver is a Pittsburg stock broker and a great lover of horses, and offered the cup to the amateur class in order to stimulate interest in racing in this city.

The cup, which is hand chased, with bas relief, is open to the world for capture in the amateur trotting class.

Pliny Erratic on Gems.

IF Pliny lived these days he would lose his standing as a scientist and rank as a leader in the Ananias category. There are two "whales" he swallowed in the jewelry line.

He declared that a diamond was so hard that if placed on an anvil and struck with a sledge hammer it would give back a blow of such force as to shiver both anvil and hammer to pieces.

Another of his wonderful tales states that "on the shore of the island of Cyprus there was a stone lion having eyes formed of emerald, which shone so brightly that all the fishes were ingloriously frightened away. The fishermen accordingly pulled the emeralds out and put in glass eyes instead, whereupon the wise fishes became bolder and returned to their accustomed nets.

Exports of Jewelry, Silverware, Clocks Watches and Optical Goods from New York.

WASHINGTON, D. C., Oct. 3.—The following were the exports of jewelry, silverware, optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Antwerp: 1 case clocks, $125.
Bombay: 1 case watches, $212.
Bremen: 3 cases watches, $3,428.
Calcutta: 1 case jewelers' materials, $551; 1 case watches, $370; 44 cases clocks, $728.
Chaux de Fonds: 2 cases watches, $100.
Christiania: 4 cases clocks, $100.
Genoa: 1 case jewelry, $100; 6 cases clocks, $290; 1 case silverware, $200.
Gibraltar: 8 cases clocks, $131.
Hamburg: 1 package plated ware, $215; 1 package optical goods, $157; 1 package optical goods, $250; 3 cases jewelry, $723.
Havana: 1 package plated ware, $207; 5 cases silverware, $810.
Havre: 6 cases watches, $201.
La Guayra: 1 package plated ware, $100.
Liverpool: 74 cases clocks, $2,907; 1 case jewelry, $500.
London: 3 cases scopes, $105; 41 cases clocks, $1,078.
Manaos: 11 packages plated ware, $678; 42 cases clocks, $928.
Melbourne: 70 cases clocks, $1,486; 23 packages plated ware, $2,433; 1 case jewelry, $250.
Montevideo: 2 cases jewelry, $1,153.
Naples: 1 package plated ware, $100.
Rio de Janeiro: 104 cases clocks, $1,668.
Rosario: 8 packages plated ware, $508; 2 packages optical goods, $708; 3 packages plated ware, $678; 5 cases clocks, $110.
St. Johns: 23 cases clocks, $227; 1 case watches, $124.
Vera Cruz: 2 packages plated ware, $324.
Wellington: 5 packages plated ware, $388; 179 cases clocks, $2,103; 4 cases watches, $521; 96 cases clocks, $263; 4 cases watches, $521; 96 cases clocks, $263.
Yokohama: 8 cases clocks, $134; 7 cases clocks, $104.

Meeting of the Executive Committee of the Jewelers' League of New York.

The usual monthly meeting of the executive committee of the Jewelers' League was held at the organization's office Wednesday, the following being present: President Street, Vice-Presidents Karsch, Greason, Wormser, and Hodenpyl, Secretary Marsellus and Messrs. Sloan, Jung and Gough, of the committee. The usual routine business was transacted, such as approving the treasurer's report, granting changes of beneficiaries, etc.

Payments were authorized to the beneficiaries of the following deceased members: Max J. Lissauer, Prosper Nordman, Moses Reubenstein, and Philip W. Thoma, amounting in all to $20,000. M. L. Bowden, of J. B. Bowden & Co., was unanimously elected a member of the executive committee to fill the vacancy in that body.

The next regular monthly meeting of the executive committee will be held Wednesday, Nov. 7.

F. H. Burr, Greenfield, Mass., is no longer in business at that place.

One of the oldest active watchmakers at the present time is Samuel Nein, Strausstown, Pa. He is 91 years of age, but does his work accurately and much of it without the aid of eyeglasses. Mr. Nein, before taking up watchmaking, was a hatmaker.

GUESS we overdid it a bit this Fall in the number of "good things" we got out in new patterns, for our production doesn't keep pace with our orders. Will soon be caught up, however, and want to urge on our friends the necessity of buying their stock early.

When our travelers call, don't say you'll "wait until next trip." The good things will be gone then and many of them we shall be unable to replace.

There is a new line of gentlemen's stone set rings with special shape stones that we cannot duplicate this year. Be sure you get a liberal supply and get it NOW.

Larter & Sons

Ring Makers

21-23
Maiden Lane
New York

Silverware in England.

Popular British Styles—Good Prospects for American Plated Ware.

WASHINGTON, D. C., Oct. 4.—Consul Frederick I. Bright advises that there is a good and general demand for electroplated hollow ware in the Huddersfield consular district. He says:

"The following lines are found in the market to meet the requirements of trade: Biscuit jars, casters, cake baskets, coffee sets, berry or fruit dishes, cups and saucers, fern dishes, jewel boxes, loving cups, napkin rings, pickle dishes, punch sets, sauce boats, butter dishes, syrup pitchers, tea sets, water sets, trays, waiters and various novelties. The following lines are kept in stock by dealers, but the demand for them is small: Candelabra, puff boxes, toilet sets, lavatory sets and urns. Crumb sets are to be found in what may be called the English equivalent, but having a different name. The baking dish, popular in the United States, is not found in this district.

"Formerly nearly all of such wares were in electroplating, but in later years the demand has greatly increased for the standard silver in the smaller wares and novelties. Thus it would now seem that the most promising field for electroplating would be in the larger lines. There is another reason for this. The ordinary purchaser of these wares from the retail merchant is not a little distrustful of his own ability to judge the merits of electroplating as to its quality and durability. He has, however, implicit confidence in the Government stamp, the 'Lion Passant,' which is required by law to be stamped upon all silver plate, whether of foreign or domestic origin, as a guarantee that it contains at least 11 ozs. 2 dwts. of silver to the pound troy, and it is therefore natural for the purchaser to buy the silver plate which has been assayed and marked as above when within his means.

"It is provided by law that imported gold and silver plate must be first officially assayed, stamped and marked before being offered for sale in the United Kingdom in the same manner as any ware made locally, but with the addition of the letter 'F.' If any imported gold or silver plate is found to be of coarser alloy than the standards, such ware is cut, broken and defaced at the assay office. In explanation of the law quoted it may be said that the term 'silver plate,' as used, is meant to include only what is commonly known as the 'solid silver' or 'standard silver.'

"As to the electroplated ware, there are no such restrictions, except those applying to all manufactured articles, by which it is illegal to sell goods in England containing any 'false trades description,' and manufactured goods are stopped by customs officers at the port of entry if they contain any false trade description. Any mark upon ware which amounted to a 'direct or indirect statement or indication' that the ware was made in England would be a false trade description within the meaning of the law. Goods bearing the mark or initials of the English importers or of the agents in England to whom the goods were consigned would be considered a false trade description, unless it were accompanied by a qualifying statement showing that the goods

were, in fact, made in the foreign country.

"American electroplated ware is not represented here, the English goods having almost exclusive control of the market. There is a very small quantity of the German, for which there is a little demand. There are no wholesale silverware dealers in the district, and the retailers buy directly from the manufacturers at Sheffield and Birmingham.

"As to style, the demand is decidedly for the plain ware with bright finish, the general criticism of foreign wares being that they are too elaborate in chasing and engraving and the finish too dull. The modern designs are not entirely free from chasing and engraving, but cannot be called elaborate. In antiques the 'Old English' styles, Elizabethan, Queen Anne and Georgian are greatly in demand. Queen Anne and Georgian coffee sets are very popular. In the cheaper ware the silver is deposited upon what is known as 'white Britannia metal,' and in the better ware upon 'nickel silver.'

"Huddersfield has never been an importing district, the merchants of the district generally buying foreign products and manufactures from the great wholesale houses at Manchester, Liverpool and London. It has been customary for foreign manufacturers to open 'show or stock rooms' at Leeds, Manchester, or other convenient places, where samples of goods are exhibited. It has become customary for manufacturers to pay railway fare of merchants and to make the occasion a pleasant holiday. The retail merchants have great confidence in their ability to judge the merits of wares, and there would be little hope for the successful introduction of foreign wares by a system which does not afford an opportunity for a previous examination and inspection.

TACT OF AMERICAN SALESMEN.

"There seems to be some difference of opinion as to the value of the American commercial traveler in the English field, but in general his shrewdness and tact is recognized. Without any experience or knowledge of English business methods or manners, it is not to be expected that he will meet with immediate success. However, we believe it a warranted conclusion that no better agent could be obtained than an American who, along with his natural sympathy for American interests, should have experience and knowledge in English customs and methods, and, if possible, a friendly acquaintance among merchants desired to be reached.

"It has not been the custom to place a single line of wares with more than one, two or three retailers in places of this size (100,000), and more frequently with a single retailer. As to methods of payment the 'journey-to-journey' method has been in general use, although some manufacturers have adopted different terms. A discount of 5 per cent. is given if bills are paid within one month, and 2½ per cent. if paid according to the journey-to-journey method. This plan generally gives the retail merchant three or four months' time, according to the period of time between journeys."

A list of the principal retailers of silverware in the Huddersfield district can be obtained from the Bureau of Manufactures of the Department of Commerce and Labor.

The Diamond Markets.

ANTWERP, Sept. 29.—The diamond market here is very firm; orders from all parts of the world coming in rapidly, but these cannot all be filled, owing to the scarcity of the rough stones. Notwithstanding the many holidays during the past week, sales have been very heavy. It is expected that there will be brisk business up and through the middle of December.

The Diamond Club of Antwerp recently purchased a handsome iron crown for the late burgomaster, Jan Van Ryswyck, who is an honorary member of the club.

The average price for rough Kimberley diamonds is 78 to 80 francs per carat; for Wesselton and Bultfontein 62 to 50 francs per carat. The difference in the price is due to the fact that there are larger stones in the one than in the other lots.

Among the many foreign buyers who were here recently are the following: Messrs. G. Gerson Yeuve, Wins, B. Rapoport, E. Weill, M. Slabotzky, Slyper, André, Van Moppes, Eknayan, De Haan, Orienter, Tikotzky, Esquenazi, M. Hahn & Co., Woelffling, Montias Frères, all of Paris; Mr. Goretti, Rome; H. Strauss, Hanau; Messrs. Aaronsohn and Hartman, Manchester; Mottu Bros., Geneva; Mr. Van Gulk, Goch; Messrs. Lagowir and Persner, Moscow; Mr. Baumann and D. Mayer, New York; Mr. Friend, San Francisco; Messrs. Bronckhorst and Muller, London; Mr. Boula, Salonique; Messrs. Tolayan and Tousoum, Constantinople; Mr. Nicolau, Bucarest; Mr. Schettino, Naples.

PARIS, Sept. 29.—The improvement that was noticed in the beginning of the month continues. There is a large demand for all sizes of brilliants. Roses of 75 to 100 francs per carat find ready buyers, and yellow and brown roses are especially bought by firms doing business in Spain and Italy. Colored stones continue to increase in popularity, emeralds, rubies and sapphires being called for continually. Rough amethysts have also been called for.

Two new firms have been formed—Widerski & Co., 47 Rue Notre-Dame-de-Lorette, with a capital of 50,000 francs, and Aubourg & Co., 11 Boulevard Bonne-Nouvelle. The well-known firm of Lachocke Frères has consolidated with the firm of Allan Bors, London.

AMSTERDAM, Sept. 26.—The diamond market has been somewhat quiet owing to the Jewish holidays, but it is expected that October will be a very good month. The demand for "melange" roses is very large at present from Paris firms. Rough diamonds are wanted by many cutters, but owing to the poor lots that have been received merchants say that there will be an advance of from 5 to 8 per cent. America remains, as in the past, the largest buyer of diamonds at Amsterdam. It is difficult to give an estimate of the value of the goods exported to the United States, as some are shipped to London, Paris and Antwerp before going to America. Orders are continually coming in from all parts of the world, but difficulty is experienced in filling these demands, owing to the lack of rough. It is very often found that lots of cut diamonds are sold before they are completely cut.

Small goods are very scarce, due to the large demand and to the fact that the workmen who formerly cut small stones now prefer to work on larger sizes. The latter has also caused an increase of from 30 to 40 per cent. in the salaries of the small stone polishers.

A new factory was recently opened by Mr. Wouters, in Legwaterstraat, at Hilversum. The factory runs 20 mills which are worked by gas motors.

Rochester Retail Jewelers' Association Elects Officers and Discusses Trade Evils.

ROCHESTER, N. Y., Oct. 6.—A regular meeting of the Rochester Retail Jewelers' Association was held Tuesday evening at the rooms of B. B. Clark, in the Triangle building. On account of the convention in this city of the Supreme Council of the Mystic Order of Veiled Prophets of the Enchanted Realm the attendance was not as large as was expected. Many of the jewelers belong to the order and had made arrangements to entertain some of the out-of-town visitors. The meeting was called to order by Temporary Chairman C. E. Sunderlin. It was decided to go ahead with the election of officers so that a working force would be in the field and something would be accomplished by the time the holiday season began.

The following officers were then elected: President, C. E. Sunderlin, of the L. Sunderlin Co.; vice-president, E. J. Scheer, of E. J. Scheer & Co.; secretary, J. J. Ernisse; treasurer, Ellery A. Handy; Executive Committee, Geo. P. Klee, of Klee & Kroh; C. F. Vanderpool; Roy McAllister, of Henry Oemisch; S. D. Burrit; John Humburch, of Humburch Bros. These officers will serve until the regular meeting in January next, which is set aside for the annual election of officers.

After the election of officers the meeting was adjourned and there was an informal discussion among those present regarding evils which should be eliminated from the jewelry trade. The one thing which all the jewelers want done away with is the free engraving of silver, etc. There will probably be some action on this taken at the next meeting. Each of the jewelers told something of his experiences as to prices, and treatment of customers. The discussion proved so interesting to all present that every jeweler went home brimful of enthusiasm for the new organization.

Millard F. Davis, who has been in the jewelry business at 2d St., between Market and King Sts., Wilmington, Del., for the past 27 years, recently made important improvements as well as extensive alterations to his quarters and added a manufacturing department as well as a shop for optical work. A second optical room has also been opened, which is now in charge of the proprietor's son, Elwood A. Davis, who recently graduated from a Boston optical school. The manufacturing department is on the second floor, the entire ground floor being devoted to the salesrooms. Additions have also been made to the force, which now numbers 20 salesmen and saleswomen.

The Emblem of Perfection.

The Pearl.

FROM TIME IMMEMORIAL the Pearl has stood as the emblem of Perfection, a consummate gift of Nature, independent of the skill of the lapidary. It is a symbol of beauty and value.

The discriminating care attending the selection of Pearls at this establishment is well known and appreciated both by the trade and the consumer. The artistic use of the Pearl in jewelry is only second in importance to its intrinsic quality. Generations of experience in these matters warrant the utmost confidence of the trade.

The range of selections and prices is sufficiently varied to meet all requirements.

ALFRED H. SMITH & CO.

IMPORTING GEM MERCHANTS

475 Fifth Ave.
Opposite New Library.

170 Broadway
Cor. Maiden Lane.

NEW YORK

CHICAGO:
103 State St.

LONDON:
6 Holborn Viaduct.

Strike in the Chicago Trade.

Jewelry Workers of Chicago Quit Work When Manufacturers Refuse to Grant an Eight-Hour Day.

CHICAGO, Oct. 6.—A petition was circulated some two weeks ago among the jewelry workers in Chicago, asking that their employers give them an eight-hour day at the prevailing wage scale which was being paid for nine hours' work. This petition was generally signed by the workmen, and a committee circulated among the employers with the result that their demands were met with a flat refusal.

In the meantime the jewelry manufacturers, 30 in number, formed the Manufacturing Jewelers' Association of Chicago and elected the following officers: Alfred H. Wittstein, of the Schraeder-Wittstein Co., president; Robert M. Johnson, of R. M. Johnson & Son, vice-president; Will Juergens, of the Juergens & Andersen Co., secretary, and A. Lazarus, of A. Lazarus & Co., treasurer.

The following concerns were represented at the meeting and subscribed to the by-laws of the association: Daniel Beiman, 156 Wabash Ave.; Fred. Blauer & Co., 126 State St.; Frank S. Boyden & Co., 130 Dearborn St.; Samuel Buchsbaum & Co., Masonic Temple; Dreyer, Lochau & Ohm Co., 72 E. Madison St.; M. Field & Co.; Graffe & Stanek, 42 Madison St.; Grimm & Judac, Columbus building; Hirsch & Oppenheimer, 702 Masonic Temple; F. H. Jacobson & Co., 209 State St.; R. M. Johnson & Son, 67 Washington St.; Juergens & Andersen Co., 92 State St.; S. Lazarus & Co., Masonic Temple; Lebolt & Co., 169 State St.; Leonson & Jacobson; Massover & Pokrass, 80 Madison St.; Otto Matthei & Co., 133 Wabash Ave.; Jos. Milhening, 195 State St.; Wm. G. Morstrom & Co., 78 State St.; M. Newman, Masonic Temple; F. H. Noble & Co., 42 Madison St.; Pines & Hanson, 133 Wabash Ave.; Roovaart Bros., Columbus building; Schrader-Wittstein Co., 103 State St.; Spies Bros., 156 Wabash Ave.; Sundmacher & Emrath, 78 State St.; S. Wechter & Co., Masonic Temple; Wendell & Co., 57 Washington St.; A. L. Williams & Co., 156 Wabash Ave.; Willson & Co., 57 Washington St.; C. A. Winship & Co., Masonic Temple.

The spokesman for the association, Alfred H. Wittstein, was authorized to give out the following statement:

"At a meeting held by the Manufacturing Jewelers' Association of Chicago it was decided that the members could not comply with the request for an eight-hour day. The position of the Manufacturing Jewelers' Association is that the trade in Chicago cannot grant an eight-hour day, as the jewelry workers in the east as well as in the south and west have a nine and 10 hour day; therefore the Chicago manufacturers with this handicap would not be able to compete with the manufacturers in the other cities. The members of the association feel that Chicago is being discriminated against in the launching of this movement for an eight-hour day, it being deemed unjust because it comes on the threshold of a busy Fall season, which would therefore work a serious injury to the trade in Chicago. The men in general are all well paid, advances in wages having been universal this year, and they have been given steady employment all the year around, with from four to five weeks of overtime work in the Fall season."

There are probably 400 jewelry workers in Chicago, and the majority of these have been called out—from the Schrader-Wittstein Co., 32 men; from S. Buchsbaum & Co., 40 men; from Sundmacher & Emrath, eight men; Lebolt & Co., 18 men. Two large shops which have not been affected thus far are the Juergens & Andersen Co. and Dreyer, Lochau & Ohm Co. Nearly all of the balance of the shops are affected.

It is said that several strikers, anticipating a long struggle, have left town to secure work elsewhere. The Jewelry Workers' Union, which is being directed by M. Wolf, publisher of the *Jewelry Worker*, a local publication, express themselves as confident of winning their fight, and have completed arrangements for a lengthy struggle.

Hon. Sidney O. Bigney Announces That He Will Run for Lieutenant-Governor of Massachusetts, in Five Years.

ATTLEBORO, Mass., Oct. 6.—Hon. Sidney O. Bigney, of S. O. Bigney & Co., to a representative of THE CIRCULAR-WEEKLY, stated last week that it would be well for others to "look out five years from now, when he came out for the lieutenant-governorship of Massachusetts." That Mr. Bigney can make a strenuous, not to say successful, run for that office is conceded even by those not of his political persuasion. Col. Bigney was in attendance, at the time of this interview, with Governor Guild, his staff and Executive Council at the annual Brockton Fair, the leading event of its kind in the east. Further inquiry brought to light the fact that he had confided his ambitions to his colleagues in the Governor's Executive Council on the occasion of their recent visit to his jewelry factory in this town. Since then, although no mention of the fact was made to the press in connection with the official visit to the factory, the matter finally leaked out. Mr. Bigney announced a short time ago that he would not stand for re-election this Fall to the Governor's Council. This was a source of regret to all his associates. He gave as his reason that the rapid increase in his jewelry business would demand his whole personal attention for several years. In his new statement last week he sets the limit of his retirement for strictly business purposes, saying it will be only five years. Mr. Bigney has already received the assurances of several that "if he goes after the office he will get it," and in Massachusetts, under normal Republican conditions, the lieutenant-governorship is a logical first step to the governorship.

Mr. Bigney is choosing a particularly busy time for his present retirement from politics. The jewelry business has not been for years in the state of tense pressure that it is now, and he feels his own hand should be at the helm in order that his concern may get the most possible benefit from the present market.

J. H. Champion, Oronogo, Mo., has moved to Pittsburg, Kans.

Police Hunting for Butler, Pa., Jeweler, Who Disappeared When About to be Sentenced on Arson Charge.

PITTSBURG, Oct. 6.—Every effort is being made to find some trace of Samuel Shamberger, the Butler, Pa., jeweler who was convicted of setting fire to his store, and who was to have been sentenced at Butler, Sept. 24, but who failed to put in his appearance. Samuel Walker, district attorney of Butler County, informed THE CIRCULAR-WEEKLY's correspondent to-day that there is no trace whatever of the missing man. His bond of $5,000 has been forfeited. His surety was Henry P. Butz, of this city, and it is said that Mr. Butz would like to hear from him. Shamberger's sudden disappearance was a great surprise. He was to have been sentenced by Judge Francis J. Kooser, of Somerset County, who for the last week has been conducting the graft cases in the Allegheny County courts at Pittsburg, and Judge Kooser is very anxious about the man and so expressed himself to THE CIRCULAR-WEEKLY correspondent.

This is not the first time that Shamberger has left for parts unknown since his arrest. The first time, directly after he was arrested, he jumped his bail bond, forfeiting $3,000, and after a desperate chase from New York to California, and then to Mobile, Ala., was finally captured. He had gone to work for a jeweler at the latter place. If he is in the country Shamberger is sure to be captured, for it is said that the insurance companies who are prosecuting him will spare no expense to bring him back.

Shamberger was convicted of the charge of setting fire to his store for the purpose of getting insurance. He had previously shipped a large quantity of goods to the railroad station, to be sent out of the town of Butler, where he had been in business only a few months. His case has excited great interest not only among the jewelry dealers but among business men generally. It is, however, thought to be only a question of a short time until he will again be in the clutches of the law. Up to noon to-day nothing had been heard of his whereabouts, though detectives are hunting for him.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Oct. 8, 1906.

The U. S. Office reports:

Gold bars exchanged for gold coin	$679,633.15
Gold bars paid depositors	92,931.21
Total	$772,564.36

Of this the gold bars exchanged for gold coin are reported as follows:

Oct. 1	$159,029.94
" 2	103,691.54
" 3	118,090.10
" 4	150,440.49
" 5	96,519.91
" 6	51,861.17
Total	$679,633.15

Suit was recently begun at Hamilton, O., by Cramer & Johnston against the National Clock Co. for $662.18, being the amount, with interest, alleged to be due for material, work and labor furnished by the plaintiff in the construction of a building at Oxford.

HAYDEN W. WHEELER & CO.

MOUNTED DIAMONDS

Our salesmen are now out and showing larger and more varied stocks of Mounted Diamonds than ever before.

If they do not call on you, your mail or telegram order will receive prompt attention.

RINGS, BROOCHES, SCARF PINS, NECKLACES, LA VALLIERES, BRACELETS, STUDS, EAR RINGS, SLEEVE BUTTONS.

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2 TULP STRAAT

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DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

"Reconstructed" Emeralds.

Interest Evinced in the Claim That They Are Colored Aquamarines—Other Gem Protests Pending.

A number of importers have cases before the Board of United States General Appraisers, New York, involving questions as to the classification and duty of cut coral, reconstructed emeralds and reconstructed sapphires to which a brief reference was made in last week's issue. Attorney Washburne, of Comstock & Washburne, who has several of the cases, said yesterday that he does not expect to argue them before the Board for several weeks.

Much interest is being evinced in the trade in the claim that reconstructed emeralds are really aquamarines colored green by artificial means. Mr. Washburne in answer to a reporter's question said that the evidence on this point is not complete, and he is now seeking abroad information as to how the stones are made. One of the witnesses said positively that the stones are aquamarines. It is pointed out by people in the trade that the similarity between aquamarines and emeralds in many of their qualities gives unusual importance to the subject. Both belong to the beryl group of minerals. The specific gravity of the two stones is almost the same. The refractive power is considered the same, and also the hardness. The dichroism of the aquamarine is distinct and that of the emerald is strong. They are subjected to similar tests to distinguish them from other minerals, but the question is asked how they can be distinguished from each other if the characteristic color of the emeralds can be imparted to the aquamarine.

As to the practicability of imparting artificial colors to natural stones there is no question, according to persons who have studied the subject. On this point one of the larger importers said: "The agates that are commonly used show to a larger extent colors that have been artificially given to the stone. A pink color is imparted to topaz. As far back as 1750 it was known in Paris that the yellow Brazilian topaz, when moderately heated, could acquire a rose pink color. There is certainly a secret process by which stones at high temperature may be placed in a solution from which they will absorb the color."

The emerald and ruby cases came closely upon the heels of the reconstructed ruby contests in which the Government several months ago accepted the decision of the Board, which was favorable to the claims of the importers. From a customs point of view reconstructed rubies are now in the same class with natural rubies, being subject, when cut and polished, to 10 per cent. duty.

During the trial of the reconstructed ruby cases there was controversy as to whether or not the stones are made by the fusing and massing of smaller rubies and ruby dust. Gen. Geo. W. Mindil, the Government expert, discredited the idea that the stones are made in this manner, and expressed the opinion that they are made by the chemical method first used in Paris, which produces true ruby crystals. This contradicted the position others had taken, that the chemically made or scientific rubies are quite different from the reconstructed rubies.

The Board in its decision did not pass on the issue as to how the stones were made, but held that in any event they are closer to precious stones in their characteristics than to any other article enumerated in the tariff law, and therefore under the similitude clause are to be classified as precious stones. This policy has since been followed.

The coral cases are on a somewhat different basis from the others. Marine coral unmanufactured and uncut is admitted free of duty, and some articles, such as bead necklaces, are classified as jewelry at 60 per cent., but the imports on which the Board is now to pass questions are not placed in either of these classes by the Government or by the importers. The Government contends that the imports should be classified under Par. 115 of the tariff law as manufactures of coral, dutiable at 50 per cent. The importers contend that the articles, under the similitude clause, should be passed as precious stones, dutiable at 10 per cent. Max Bauer, in his work on precious stones, which has been quoted as an authority, makes a distinction between reef coral and precious coral.

Appellate Court Grants Bankruptcy Discharge to Boston, Mass., Jeweler.

BOSTON, Mass., Oct. 3.—The United States Circuit Court of Appeals has handed down a decision granting a discharge in bankruptcy to Samuel A. Troeder, a local jeweler, who failed some time ago. The decision reverses that of Judge Dodge, of the District Court, refusing to discharge Troeder on the charge that he had sworn falsely and concealed assets from his trustee. The Appellate Court holds that the young man was a careless witness, confused by the examination, rather than a wilful perjurer, and decides as to the charges made by the creditors that sufficient proof was not furnished to keep him from getting a discharge. The discharge will now be granted.

Troeder started in business at 23 years of age with a capital of $2,400. When he failed his liabilities were placed at $40,000 and his assets at $19,000. The assets were later sold at $4,900. It is claimed that he lost his money at the hands of money lenders and at bucket shops.

Large Estate Reported to Have Been Left by Jeweler Killed in an Alabama Fire.

RACINE, Wis., Oct. 3.—Jens Jensen, a former jeweler of Racine, who recently lost his life at Monroe, Ala., in a fire, is believed to have left property worth about $20,000. Jensen was killed Sept. 3 when his house burned down. Nothing was found after the fire but his bones, and it is not known whether his death was a result of accident or murder.

Jensen was in business at Kenosha, Wis., in partnership with Albert Jensen, after leaving here. He is said to have been married twice, once in Denmark and once in Racine. A daughter by his second marriage is claiming his estate.

N. A. Frost, Hanover, N. H., has sold his business to E. M. Carter.

Annual Meeting of Retail Jewelers' Association of South Dakota.

MITCHELL, S. Dak., Oct. 3.—The annual meeting of the South Dakota Retail Jewelers' Association was held in this city recently, with a large attendance of jewelers from all parts of the State. Business topics were generally discussed.

The association expressed its approval of the National Gold Stamping law, but was adverse to the State act of the same nature. In general the subjects discussed were those affecting the conduct of the retail business and the personal problems of the individual members.

The following committees were appointed: Grievance Committee—O. B. Tripp and D. G. Gallett, Aberdeen; Frank Hyde, Sioux Falls. Membership Committee—W. J. Cole, Woonsocket; G. R. Simons, Langford; G. A. Muech, Mellette. Financial Committee—S. H. Seallin, Mitchell; E. H. Treiber, Scotland; E. T. Steinhaus, White. Assaying Committee—A. W. Voedich, Aberdeen; H. G. Nichols, Mitchell; G. A. Biesman, Sioux Falls. Employment Committee—F. W. Hopkins, Beresford; W. B. Wilson, Miller; O. H. Kittleson, Alexandria. Entertainment Committee—H. G. Nichols, Mitchell; George Reineke, Chamberlain; T. Norton, Armour. Legislative Committee—O. Larson, Bowdle; F. O. Bradley, Mitchell; G. A. Muech, Mellette.

Games Rolled by the Jewelers' Bowling League of New York.

Recent games played in the tournament of the Jewelers' Bowling League of New York have resulted as follows:

Sept. 17.—Alfred H. Smith & Co ..	765	765	745
vs. Cross & Beguelin.....	824	887	778
Sept. 18.—Avery & Brown.....	814	711	769
vs. C. F. Wood & Co.....	719	795	830
Sept. 19.—Gorham & Co.....	632	776	720
vs. Udall & Ballou.....	597	756	793
Sept. 21.—N. H. White & Co.....	880	845	778
vs. Dennison Mfg. Co.....	755	722	604
Sept. 24.—Aikin, Lambert & Co....	713	660	712
vs. Jos. Fahys & Co.....	767	728	688
Sept. 25.—Tiffany & Co.....	931	824	811
vs. L. E. Waterman Co.....	685	649	728
Sept. 26.—A. A. Webster & Co....	736	703	853
vs. King Optical Co.....	737	782	687
Sept. 28.—Cooper Diamond Co.....	776	809	745
vs. Cross & Beguelin.....	859	831	783
Oct. 1.—Avery & Brown.....	761	782	735
vs. Gorham Mfg. Co.....	613	582	690
Oct. 2.—C. F. Wood & Co.....	793	745	861
vs. A. H. Smith & Co.....	721	705	618
Oct. 3.—Dennison Mfg. Co.....	780	728	694
vs. Udall & Ballou.....	867	761	729
Oct. 5.—Tiffany & Co.....	761	822	795
vs. N. H. White & Co.....	888	881	688

TEAM STANDING.

	Won.	*Lost.*	*High score.*
Cross & Beguelin.....	6	..	887
C. F. Wood & Co.....	5	1	861
Tiffany & Co.....	7	2	948
N. H. White & Co.....	6	3	888
Udall & Ballou.....	4	2	867
Avery & Brown.....	4	2	814
A. A. Webster & Co.....	3	3	853
J. King Optical Co.....	3	3	816
Cooper Diamond Co.....	2	4	860
L. E. Waterman Co.....	2	4	783
Aikin, Lambert & Co.....	2	4	785
Joseph Fahys & Co.....	2	4	767
Gorham Mfg. Co.....	2	4	776
Dennison Mfg. Co.....	..	6	780
Alfred H. Smith & Co.....	..	6	765

High individual score—Roll, 252.

Hesse & Co., Mt. Pleasant, Tenn., have moved to Gadsden, Ala., where they have opened up one of the finest stores in that locality.

The Elegance of Pearls

appeals to the refined taste. They are greatly in favor now. Our weekly shipments of this staple have kept up well with the demand.

ROUND PEARLS
BOUTON PEARLS
HALF PEARLS
ORIENTAL BAROQUE PEARLS

with strong lines of Oriental, Montana and Australian Sapphires, Reconstructed Rubies, Opals, in regular shapes and selected qualities.

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GEORGE H. HODENPYL. WALTER N. WALKER.

DIAMONDS

AND

DIAMOND JEWELRY

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Corner of Maiden Lane
TELEPHONE, 1898 CORTLAND

Repairing and Recutting Diamonds a Specialty

DIAMONDS

WE ARE NOW SHOWING, IN ORIGINAL LOTS, AN EXCEPTIONALLY LARGE STOCK OF

DIAMONDS

which will interest large dealers.

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IMPORTER OF

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HEADQUARTERS FOR

AMERICAN WATCHES

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T. L. Lyons, Pres. I. A. Lyons, Sec. & Treas.

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HEADQUARTERS FOR
SCIENTIFIC RUBIES

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Trade-Marks of the Jewelry and Kindred Trades.
Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Customs Officers Seize Large Quantity of Emeralds and Arrest South American on Smuggling Charge.

Manuel Suarez, a resident of the United States of Colombia, S. A., was arrested on Wednesday of last week on the arrival of the *Oceanic,* on which he was a passenger, the charge being that he attempted to smuggle a quantity of emeralds, which were found in his possession. He was examined briefly on the same day before United States Commissioner Shields, and a second hearing was given yesterday.

The arrest came after Pinkerton detectives had given to the customs authorities information of the Colombian's coming. When the boat arrived at her pier Deputy Surveyor McKeon made a thorough search of the man's baggage, and did not find in it anything dutiable. It is charged that in response to questions the Colombian then denied having dutiable articles in his possession. The deputy surveyor ordered a search of the man's pockets. This revealed a small package containing several hundred emeralds, about one-half of which were cut, the others being in their rough condition. The emeralds were taken to the seizure rooms of the Customs House and Suarez was turned over to a United States marshal.

The value of the emeralds has been reported at different figures varying from $5,000 to $20,000 and more. Mr. Suarez says there are 218 carats, worth about $25 a carat, and 257 carats which are worth $10 a carat, making a total valuation of $5,840.

After the preliminary hearing Commissioner Shields released the defendant in the custody of his counsel, Charles A. Hess. The fact that Pinkerton detectives had interested themselves in the case threw a mystery about it for a time. It was supposed that some private person or persons had employed them, but for what reasons could not be learned immediately.

It was said later that the Pinkertons had been trying to trace a package of emeralds stolen some time ago from the custody of the Wells-Fargo Express Co.

The package was shipped by a company controlling an emerald concession in Colombia, and was lost in transit. The detectives, learning that Suarez had a quantity of emeralds, according to the story, suspected that some of them might have been among those which disappeared from the express company's custody. Mr. Hess, who was at first retained as counsel for Suarez, happened to be the attorney for the foreign department of the express company. A change of attorneys was made by Suarez a day or two after his arrest, and he retained Louis S. Phillips to represent him in court.

Mr. Phillips told a reporter of THE CIRCULAR-WEEKLY that the facts of the case, as he has gathered from his client, are substantially as follows: "Suarez is a planter, coming of a well-known family in his country. He has never been in the jewelry or precious stone trade, but from time to time found on his land or bought the emeralds which the customs officers have now seized. Having decided to take a trip to Europe, Suarez did so early in the Summer, first coming to New York, where he arrived in June. It was his idea that while in Europe he might sell his emeralds to advantage, and he took them along. They were shown to London jewelers, who pointed to flaws and defects in quality, and did not offer as high prices as Mr. Suarez expected. Accordingly he decided to bring them home with him."

Mr. Phillips said that it was not his client's intention to sell any of the stones in New York. It is also claimed that Suarez was ignorant as to the requirements of declaring dutiable articles. The questions of the customs officers, he claims, were in French and other languages, but not in Spanish, which he speaks, and so he did not comprehend what was said to him. If he denied having dutiable articles, he claims, it was due to his failure to understand the questions.

Another explanation of the affair is that in taking the stones out of Colombia Mr. Suarez may have violated a law of that country, the government of which has special regulations as to the mining of emeralds. Mr. Phillips said that he had nothing to say as to any complications outside of the issue before the customs' authorities.

A customs lawyer said that if the Government should seize and retain the emeralds under the smuggling law that would extinguish any claim of other possible owners, but if a claim were advanced that the rightful owner had no part in the smuggling or attempt to smuggle, then the Secretary of the Treasury would have discretion to annul the decree of forfeiture.

Thieves Steal Watches and Jewelry Worth $1,000 from Dubuque, Ia., Store.

DUBUQUE, Ia., Oct. 3.—Burglars Monday night broke through the plate glass windows of Hopkins & Witty's jewelry store, 864 Main St., and got away with cash and jewelry valued at over $1,000; so cleverly did they work that the officers, who immediately went to work on the case, have been unable to find anything that would give them a clue to the thieves. In the loot were 40 watches. Hopkins & Witty have offered a reward of $100 for information leading to the arrest of the thieves and the recovery of the goods.

Chief of Police Pickley believes that the robbery was committed by residents of this city, as the men were thoroughly familiar with the time that the police left the beat in front of the jewelry store. A small amount of jewelry, consisting of some pins and brooches, was found in front of the store where the thieves had dropped it in their flight. It is believed that two men were engaged on the job.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	London.	*New York.*
Oct. 2	31 3-4d.	$.68½
" 3	31 7-8d.	.68¾
" 4	31 7-8d.	.68¾
" 5	31 7-8d.	.68¾
" 6	31 13-16d.	.68¾
" 8	31 13-16d.	.68¾

B. W. Lee, Stroudsburg, Pa., closed his store one day last week in respect of the memory of his brother, Chester, who died after a brief illness.

Salesman for Philadelphia Firm Arrested for Stealing Diamonds Systematically, Confesses He Is Guilty.

PHILADELPHIA, Pa., Oct. 6.—Further developments in the investigations into the systematic thefts of diamonds from the big retail establishment of J. E. Caldwell & Co. are looked for by the trade of this city, although members of the firm are reticent and ill disposed to make any facts public. They will, however, let them become known from court records as the cases progress. While to the general trade the arrest last week of Frank S. Wright, who has for years enjoyed an enviable reputation as a diamond salesman and who had been with the firm three years, came as a shock, there were those in the trade who expected it and who had known in a vague way of the investigations going on at J. E. Caldwell & Co.'s and of the activity of the Pinkerton police in the matter, but who, out of consideration for the firm and in obedience to instructions, withheld the facts.

The charge against Wright is the larceny of $1,500 worth of diamonds, but the actual losses are expected to prove greater. As confessed by him at the time of his arrest his method was to substitute inferior diamonds for the high-grade goods carried by the firm, and then to dispose of them to a diamond broker of Chestnut St. In this manner he was able to make handsome profits. The system was so simple that for a long time he escaped detection, but a careful examination of the stocks during the Summer revealed that something was wrong, and the Pinkerton Detective Agency was put on the case. The first information of any real value came from a window dresser at the store, who knew of Wright's frauds and who, after giving W. P. Mulholland, assistant superintendent of the Pinkerton agency, an account of the thefts, was discharged.

When Wright was called in the office of the firm and questioned he stoutly denied his guilt, but finally, when confronted with indisputable proof by Detective Mulholland, he broke down and confessed. With the realization of his humiliation and shame Wright piteously exclaimed: "What will my wife and babies do now?" The warrant upon which Wright was arrested was sworn out by J. Frederick Thomas, of the firm of J. E. Caldwell & Co. Wright was given a preliminary hearing before Magistrate Kochersperger and held in $800 bail for court. Yesterday he was given a final hearing before Magistrate Eisenbrown and held in $2,000 bail for trial. His attorney waived a hearing.

The diamond broker implicated denied that he bought any of Caldwell's diamonds from Wright, but admitted that he did buy some goods from him.

Wright was formerly with the Wanamaker Store under William P. Sackett; later he was with Strawbridge & Clothier, and then with J. E. Caldwell & Co. He was widely known and much liked by the trade, and was especially popular in the Jewelers' Club, of which he was a member. He was married about three years ago, and has two children.

Other developments in the case are expected by the trade at any time in the next few weeks.

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Send for it at once.

CHOPARD FRÈRES

Makers of French Jewelry Novelties

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Don't throw damaged stones away; send to us for recutting or repairs.

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All our goods are either direct importations, our own manufacture or bought for cash. enabling us to offer special inducements in prices and terms.

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LAPIDARIES and IMPORTERS of PRECIOUS STONES
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ALWAYS SOMETHING NEW IN
UNIQUE GEMS
NOVELTIES IN STRICTLY GENUINE SEMI-PRECIOUS AND NATIVE STONES
ALSO MANY IMPORTED NOVELTIES
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LAPIDARIES. PRECIOUS STONES
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A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.
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Commissioner of Statistics Reports on the Jewelry Industry of Rhode Island.

PROVIDENCE, R. I., Oct. 8.—In a bulletin recently issued by Commissioner George H. Webb, of the Bureau of Industrial Statistics, he shows the increase in the value of the finished product of the jewelry factories in the State for 1905, as compared with previous years, and also has something to say as to the advance in wages paid, the cost of material used and the prosperous condition of affairs in businesses closely allied to that of the jeweler. He says in his report:

"In value of products for the manufacture of jewelry, Rhode Island leads all other States in the Union. The 50 establishments reporting on the manufacture of jewelry showed an average number of wage earners employed of 1,788 in 1904, against 1,998 in 1905, an increase of 578, or 15.3 per cent.; wages paid amounted to $2,054,272 in 1904, against $2,331,784 in 1905, an increase of $277,512, or 13.5 per cent.; the total cost of materials used amounted to $4,006,650 in 1904, against $4,527,514 in 1905, an increase of $520,864, or 12.9 per cent.; the total value of goods made and work done amounted to $8,831,012 in 1904, against $9,948,319 in 1905, an increase of $1,117,307, or 12.6 per cent.

"Ten establishments manufacturing jewelers' findings showed an average number of wage earners employed of 320 in 1904, against 465 in 1905, an increase of 145, or 45.3 per cent.; wages paid amounted to $181,920 in 1904, against $268,858 in 1905, an increase of $86,938, or 47.7 per cent.; the total cost of materials used amounted to $1,548,807 in 1904, against $1,980,903 in 1905, an increase of $432,096, or 27.8 per cent.; the total value of goods made and work done amounted to $2,087,944 in 1904, against $2,632,897 in 1905, an increase of $544,953, or 26.1 per cent.

Silversmithing and silverware, closely allied to the manufacture of jewelry, and one of the important industries of the State, showed an average number of wage earners employed of 1,788 in 1904, against 1,998 in 1905, an increase of 210, or 11.7 per cent.; wages paid amounted to $1,356,478 in 1904, against $1,514,531 in 1905, an increase of $158,053, or 11.6 per cent.; the total cost of materials used amounted to $2,260,567 in 1904, against $2,617,030 in 1905, a gain of $356,463, or 15.7 per cent.; the total value of goods made and work done amounted to $4,973,464 in 1904, against $6,142,905 in 1905, an increase of $1,169,441, or 23.5 per cent.

"Eight establishments engaged in the refining of gold and silver, another industry closely allied to the manufacture of jewelry, showed an average number of wage earners employed of 72 in 1904, against 76 in 1905, an increase of 4, or 5.5 per cent.; wages paid amounted to $49,435 in 1904, against $57,236 in 1905, an increase of $7,801, or 15.5 per cent.; the total cost of materials used amounted to $3,728,239 in 1904, against $5,255,137 in 1905, an increase of $1,526,898, or 40.9 per cent.; the total value of goods made and work done amounted to $3,984,890 in 1904, against $5,520,148 in 1905, an increase of $1,535,258, or 38.7 per cent.

"Thirty-three establishments engaged in electroplating, enameling, engraving and die sinking and lapidary work showed an average number of wage earners employed of 500 in 1904, against 591 in 1905, an increase of 91, or 18.2 per cent.; wages paid amounted to $221,168 in 1904, against $267,542 in 1905, an increase of $46,374, or 20.9 per cent.; the total cost of materials used amounted to $90,774 in 1904, against $156,929 in 1905, an increase of $66,155, or 72.8 per cent.; the total value of goods made and work done amounted to $493,121 in 1904, against $584,492 in 1905, an increase of $91,371, or 18.5 per cent.

National Monthly Import and Export Statistics.

WASHINGTON, D. C., Oct. 8.—The records of the Treasury Department containing the following comparative statistics of interest to the jewelry trade for August, 1905, and 1906, and for the eight months ending Aug. 31, 1906:

IMPORTS.

			8 Months Ending	
	Aug., 1905.	*Aug.*, 1906.	*Aug.*, 1905.	*Aug.*, 1906.
Clocks and parts of	$56,182	$55,797	$247,952	$295,603
Watches, materials and movements	235,249	197,866	1,625,805	1,569,612
Diamonds, uncut, including glaziers', engravers' diamonds, etc. (free)	453,820	1,004,521	6,524,655	7,749,329
Diamonds, n. e. s., not set (dutiable)	1,703,476	1,924,508	12,650,564	16,988,793
Diamond dust or bort	21,920	16,098	364,709	74,256
Precious stones, rough or uncut (free)	13,060	8,518	57,059	115,453
Precious stones and pearls, not set	604,618	650,102	4,770,823	3,994,350
Jewelry and manufactures of gold and silver	129,091	177,487	753,401	1,111,408
EXPORTS OF DOMESTIC MERCHANDISE.				
Clocks and parts	$96,104	$103,671	$781,252	$859,098
Watches and parts	98,271	228,629	730,607	1,028,248
Jewelry and manufactures of gold and silver	115,022	147,789	919,481	1,173,612
Plated ware	70,113	79,257	450,696	539,781
EXPORTS OF FOREIGN MERCHANDISE.				
Clocks and parts	$253	$119	$543	$1,172
Watches, materials and movements	1,873	406	17,753	1,059
Diamonds, rough, including miners', glaziers', etc.	.....	9	185	1,013
Diamonds, n. e. s. (dutiable)	.....	.....	.....	20,170
Precious stones and pearls, not set	70	14,910	608,585	24,466
Jewelry and manufactures of gold and silver	329	7,341	14,037	16,488

French Dealer Reported to be Selling Imitation Pearls to Fresh Water Pearl Fishermen.

Reports have reached New York that a merchant of Paris, France, is traveling about the pearl fisheries of the western rivers selling imitations of pearls and baroques. It is suspected that certain clam diggers are buying some of these imitations, perhaps not knowing their character, and are likely to mix them with the real gems freshly taken from the water. It is said that the French dealer passed through New York some time ago and claimed to have a grade of imitations that would deceive all except the expert. It was even said that some of the ordinary tests of pearls would not expose the true character of these imitations. Dealers here say that there are people who have already been deceived.

A trader who would not deliberately engage in the sale of the imitations, it is suggested, might try to get rid of any bought under the delusion that they were real, and might do so by mixing them with true gems that are being shipped to the east. As far as is known none of the imitations brought to this country by the dealer in question have come back to New York from the rivers.

Finley & Freeman is the new name of the business formerly conducted by R. L. Finley, Hugo, Ind. T.

The partnership of Ford & Frick, Freeport, Ill., has been dissolved, R. L. Frick continuing the business.

Strange Verdict Rendered by Pennsylvania Jury in Suit Over Jewelry Bill.

WILKES-BARRE, Pa., Oct. 3.—A strange verdict was rendered in the court here in the suit brought by the Elgin Jewelry Co., of Iowa, against Margarth Bros., of Hazelton, to recover $300 on a bill of jewelry alleged to have been supplied to the defendants. Margarth Bros. did not deny receiving the goods, but claimed that they had refused to accept them on the ground that the quality was inferior to the samples submitted.

After the case had been heard and the jury had retired, the foreman asked Judge Lynch if he could tell where the jewelry was at the present time, claiming that this was not brought out in the evidence. The judge said that he was unable to supply the information, and later the jury brought in a verdict for the plaintiff for the amount of $172.70, on condition that the defendant should be given the property over which the action was brought.

Death of James Marquand.

CHATHAM, Ont., Oct. 3.—James Marquand, a pioneer jeweler of this place, died recently at his home here, after having been associated with the business of Chatham for over half a century. The deceased sold out with the intention of retiring permanently from business Nov. 18, 1887. Mr. Marquand was born in Charlottetown, P. E. I. His ancestry is rather noted, his mother having been the daughter of Col. James Lawrence, who was a member of Gen. Wolf's staff at the battle of Quebec.

The deceased began his apprenticeship as a jeweler in Quebec, and later went to Boston, where he remained four years. The last year in that city he met Miss Rachael Buttry, of Toronto, to whom he was married in 1851. Mr. Marquand was at one time engaged in business for a short while in Woodstock, moving to this place in 1853, and remaining here until his death. He was 82 years of age.

J. E. Nutt, Lemont, Ill., and Miss Ada Parks were recently united in marriage.

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Developments in Bankruptcy Proceedings Against Sol Urbach—Motion to Increase His Bond Denied.

Before Judge Hough, in the United States District Court, a motion was made Monday for an order requiring Sol Urbach, the diamond dealer at 49 Maiden Lane, New York, against whom involuntary bankruptcy proceedings were recently begun, to increase from $10,000 to $40,000 the bond which he has given to assure his remaining within the jurisdiction of the court. The motion was made by Gustavus A. Rogers in behalf of the receiver in bankruptcy. The Court denied the application, believing the present bond to be sufficient. Mr. Oppenheimer, of Thomas & Oppenheimer, representing the defendant, asked the Court to vacate the bond, and this motion was also denied after an argument.

Mr. Rogers then moved that the Court direct Mr. Urbach to turn over to the receiver the diamonds, valued at $40,000, which the dealer claims to have lost in a sleeping car while on his way from New York to Baltimore. Objection was made by Mr. Oppenheimer, who claimed that a motion of this kind could not properly be considered except in the case of a person who had been adjudicated a bankrupt, and there has been no such adjudication of his client. The Court decided that the motion was properly made and sent the issue to F. K. Pendleton as referee to take testimony and submit to the court a recommendation as to whether or not the order should be issued.

The regular examination of Mr. Urbach in bankruptcy was resumed yesterday before Commissioner Alexander, in the United States District Court, this hearing being a continuation of the proceedings reported in the last issue of this paper.

Death of John Gleisner.

BALTIMORE, Md., Oct. 8.—John Gleisner, who died recently of heart trouble, was a native of this city, and was born Dec. 3, 1855. He learned the jewelry business from W. Kummer, by whom he was employed from the time he was 13 years old until Mr. Kummer's death. Mr. Gleisner succeeded Mr. Kummer and carried on the business at the same place, 516 S. Broadway.

The deceased was well known in this city, and was especially liked in East Baltimore, where he made many friends during the 37 years of his residence there. He had friends also in Philadelphia, New York and other eastern cities. The interment was in Holy Redeemer Cemetery. Nothing definite can be learned concerning his successor, but at present his daughter, Miss Mamie Gleisner, is conducting the business.

Louis M. Derby, Albion, N. Y., Goes Into Bankruptcy.

BUFFALO, N. Y., Oct. 5.—A voluntary petition was filed in the United States Court in this city to-day by Louis M. Derby, a jeweler of Albion. Derby's schedules filed with his petition show that his debts amount to $5,987.35, of which $1,267.65 is secured, and his assets are valued at $3,894.05. The latter includes stock worth $3,209.65 and machinery worth $300.

Clocks, Watches, Jewelry and Gems Imported Into Canada.

TORONTO, Can., Oct. 4.—The monthly report of the Department of Trade and Commerce of Canada for June, just issued, gives the value of imports for home consumption in the jewelry and kindred trades as follows:

	Month of June,		12 Months Ended June 30,	
	1905.	1906.	1905.	1906.
Clocks:				
Great Britain	$2,099	$1,039	$12,647	$10,663
United States	18,686	25,953	241,041	274,891
Germany	3,379	6,977	40,762	41,226
Other countries	1,704	1,906	13,034	16,307
Totals	$25,868	$35,875	$307,484	$343,087
Watches:				
Great Britain	$1,165	$677	$23,767	$26,602
United States	42,819	65,528	656,034	695,714
Switzerland	16,565	12,685	185,229	164,718
Other countries	1,595	5,918	31,674	48,354
Totals	$62,144	$84,808	$896,704	$935,388
Jewelry:				
Great Britain	$8,859	$11,437	$82,607	$92,704
United States	36,047	47,751	645,792	693,555
Germany	7,039	13,337	58,584	66,328
Other countries	8,293	6,869	40,430	36,292
Totals	$60,238	$79,394	$827,413	$888,879
Gold and silver and manufactures of:				
Great Britain	$12,719	$33,330	$115,759	$190,110
United States	24,749	24,229	318,945	300,414
Other countries	9,333	7,532	67,713	64,925
Totals	$46,801	$65,091	$502,417	$555,449
Precious stones of all kinds and imitations of (dutiable):				
Great Britain	$16,779	$4,775	$35,507	$18,533
United States	1,682	1,928	21,907	35,203
Other countries	7,800	4,142	24,801	32,141
Totals	$26,261	$10,845	$82,215	$85,877
Precious stones of all kinds and imitations of (free):				
Great Britain	$63,575	$5,239	$309,640	$567,671
United States	11,472	13,923	124,546	171,989
Holland	9,885	80,773	223,204	342,879
Other countries	44,065	88,247	762,559	473,749
Totals	$128,997	$188,182	$1,419,949	$1,556,288

News of the Optical Trade.

W. K. Hartley, optician, Quakertown, Pa., has moved to Wayne Junction, in the same State.

Harry E. Herman has purchased the three-story building at the southeast corner of Willow and Market Sts., Williamsport, Pa., for $12,000.

Work has been started on the new factory of the Dupaul-Young Optical Co., Southbridge, Mass. The building will be 120 by 40 feet, exclusive of the boiler and engine house.

C. E. Gerling, for several years with E. H. Carpenter & Son, Burlington, Ia., has acquired the optical department of that concern and will continue the business under the name of the C. E. Gerling Optical Department.

A verdict for $500 was rendered against the Standard Optical Co. a few days ago, in Supreme Court, sitting at Canandaigua, N. Y. John M. Rahn, an infant, was the plaintiff in the case. This is the third trial of the case, which grew out of the loss by young Rahn of several fingers while operating a buzz saw at the optical works. It was non-suited in the first trial and the jury failed to agree on the second trial.

The business of Solomon Kettering, Lisbon, Ia., who died recently, has been closed.

G. L. Gunther, Bellevue, O., has taken a partner, and the firm style is now Gunther & Karshner. The business will be continued at 120 E. Main St.

Denver

Syman Bros., Denver, Colo., who, only about two years ago, moved into a new store and fitted it up handsomely, have again moved to 828 16th St., into a much larger store in a better location. The new store is fitted with entirely new fixtures throughout, and is one of the handsomest in the State.

What is said to be the latest accomplishment in microscopic engraving has been completed by Trovald Sorensen, of this city. He has inscribed every letter in the alphabet, his name and address, 60 distinct characters in all, on the head of a common pin. The Denver engraver's work is on the plate and jewelry in the treasure boxes of some of the European monarchs, and he did some of the engraving on the jubilee presents of Queen Victoria. Mr. Sorensen has some of his work on exhibition in the National Museum at Stockholm, Sweden. He considers the microscopic work just completed his masterpiece.

Word was received in Pittsburg, Pa., Oct. 8, of the recent robbery of the jewelry store of F. P. Blair & Co., Bellefonte, Pa. According to reports, the thieves blew open a safe and made away with several hundred dollars' worth of jewelry. In the excitement they overlooked a number of valuable Masonic emblems and crosses. Entrance was gained to the store by breaking a window, which was done under the glare of an electric light. The store is in view of the police headquarters at that place.

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London Letter.

London, Sept. 29.—There are on all sides indications, so far as jewelry and silversmithing are concerned, that trade is on the up grade. A month ago watches were selling badly, but to-day several houses informed me that they hardly knew how to move to fill orders; so that at last the trades which cater mostly for luxuries are beginning to feel the improved conditions which for a time have been evident in all the British staple industries.

* * *

The British Watch & Clockmakers' Guild was successfully inaugurated Sept. 20, when Dr. Moullineux Walmsely, principal of the Northampton Institute (the only technical school in London where watchmakers may learn the principles of manufacturing by machinery), delivered an address of an extremely interesting and encouraging character, urging the need for unity for technical education and the encouragement of the young to take up the interesting science and craft of horology. He pointed out how strange it was that there should be any debatable questions, any difficulties to overcome in a craft whose business it was to register time, which was so impersonal and unflinching and which knew nothing of the queries and questions which were to be found by those who studied other sciences. The gathering was a very large one, and the hall was filled with men who were apparently very serious. Some were strongly of opinion that wholesalers should not be admitted, but it was pointed out that the guild was an association which was an experiment; an attempt to bring together every one, whether manufacturer, shopkeeper, assistant or workman, so that with one accord and with one object they might endeavor to uplift the craft with which they were connected. In the end it was unanimously agreed to form the guild, and W. Augustus Steward, editor of the *Watchmaker,* was requested to act as secretary and treasurer *pro tem.*

* * *

Meanwhile the National Association of Goldsmiths is causing a considerable amount of stir, or rather one should say its secretary, by the publication of leaflets and matter without the recognition of the chairman or the executive of the association, all of which goes to show that my remarks in a previous letter that the N. A. G. was being looked upon as a "one man show" are forcibly demonstrated by this last movement on the part of the secretary.

* * *

The conference to which I referred in my last letter has met, and after considerable discussion agreed to recommend to the General Board of Opticians and the British Optical Association, respectively, that the Sight Testing Opticans' bill, now before the House of Lords, should be amended so as to give the representation of four to each of the examining bodies, *viz.,* the Worshipful Company of Spectacle Makers and the British Optical Association. There are minor suggestions which do not call for comment. But this amendment, just as some may think it, will not be accepted, I fear, in certain quarters. On the one hand, the British Optical Association is not in a temper to give anything or concede anything. The writs for libel which have been issued against their officials have stirred their blood, and on the other hand, the Worshipful Company of Spectacle Makers are also not likely to readily give way, for their clerk, Col. Scwell, is part proprietor of the *Optical Journal,* and he, in company with his editor, have received writs from the British Optical Association. This being the case, I have doubts as to what the end will be.

* * *

On Sept. 21 the London Jewel Case Makers Trade Society resolved unanimously to leave it in the hands of their officers to call them out on strike when they thought fit. The masters have not been taken unawares, for the matter has been under discussion for almost 12 months now. The employers are satisfied that to give way would mean the closing down of workshops in many instances, since during the last few years the prices of velvets, satins and leather have increased from 12 to 12½ per cent., while competition has been so keen that prices for cases actually rule lower, so that any increase in wages (and the men demand a very substantial increase by way of a reduction in hours of labor, a very large limitation of apprentices, etc.) would mean a serious situation for the employers. Acquiescence in the demands of the men would mean the masters placing themselves in the hands of the workmen, who would then be able to dictate whatever terms they liked. Coming just now a strike will be very awkward, since the London trade, in fact, the jewel-case trade throughout England, becomes busy directly October sets in. It is remarkable that during the last six months, although trade has been very bad, there have been only two men unemployed, and these were old and bad workmen. The suggestion, therefore, to reduce the number of apprentices would lead to a very awkward state of affairs during the busy seasons.

The London jewel case trade is comparatively a small one, employing about 240 men and boys and about 200 women, but it is a very important one, and all the best work is done in London. Many of the firms date for something like 150 to 180 years, and the bulk of them have been established 40 or 50 years—the largest establishment traces its origin long before the time when the shagreen cases (which are now looked upon as valuable novelties) were the fashion.

* * *

During the diving operations which have been in progress at Tobermory, North Britain, in the attempt to secure the treasure which some of the Spanish galleons are supposed to have had on board at the time of the Armada, although up to the time of writing the adventurers had not been successful in discovering the plate chests or to get at the gold, they have brought up several very fine heavy silver salvers of quaint design and also some remarkable little cups. The other day at Dartford Heath, near London, some remarkable gold bracelets were discovered which were in a very fine state of preservation, the British Museum authorities giving their age at about 800 years.

W. J. Ashley, who is Professor of Commerce at the Birmingham University, delivered at the Birmingham Jewelers' Technical School, Sept. 25, an interesting discourse dealing with "University Education for Business Men in the Jewelry Trade." Professor Ashley is a man who is well known as a political economist and one of the leading British authorities upon the subject of commerce, consequently a large number of manufacturers and managers attended to hear his discourse and to discuss the suggestions he had to make as to whether a programme of higher education would be beneficial to young men who are ultimately to be in charge of jewelry businesses. He explained that while at the old universities they dealt with certain professions, especially the Church, the new universities should aim, and in some few instances did, at providing what might in the narrower sense of the word be called the newer professions. He alluded particularly to engineering or accounting, and beyond that to the practical activities of the ordinary life of the community which hitherto had not been provided for and had not been supposed to demand special training.

The theory of the old universities had been, if he might so put it, "general culture," but the aim of the new universities should be, not so much utility through culture, but culture through utility. In short, they should aim at a distinctly utilitarian training. At the Birmingham University they had created a faculty of commerce in order that a course of training might be provided for men who looked forward to a business career and, considering the conservative nature of a country like England, they had met with comparative success, for every year brought fresh students; moreover, the number distinctly increased. Hitherto, however, there had hardly been any representatives of the jewelry trade—hardly any jewelers sons enrolled. They had an university created by Birmingham enterprise, and on the other hand the jewelry trade, typical of an important Birmingham industry. He asked the question whether those two great phenomenon, whether those two great things should have no relation to each other. He pointed out the manner in which he thought the sons of manufacturing jewelers or factors might derive advantage from attendance at the University, and suggested that it might be well if on putting a boy to the bench or in the office at the age of about 17 they also permitted him to attend at the university so that they might educate him on the most up-to-date lines in order that he might be capable of dealing with their business in the most systematic manner.

The professor also suggested that as a commercial student in the engineering department of the Birmingham University took a certain course of engineering as a subsidiary part of his work something of the same kind might be done with regard to future jewelers. The jewelers of Birmingham were doing a very fine work at the Vittoria St. schools (in which they were holding their meeting). Why, on the other hand, should they not do something in the way of arranging a general programme leading to a degree of systematic training?

St. George.

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New Stores and Enterprises.

T. C. Osgood is opening a new store in Kingman, Kans.

Ellis E. Togstad has started in business in Crosby, N. Dak.

Charles A. Ward has opened a jewelry store in Malden, Mass.

William MacDonald has engaged in the retail jewelry business in Clinton, Mo.

J. R. Bean, formerly of Elmira, N. Y., is about to open a store in Dryden, N. Y.

John Haldeman will soon open a watch and jewelry repairing shop in North Wales, Pa.

The 20th Century Clock Co. was recently incorporated with a capital stock of $50,000.

William Tretbar has opened a retail jewelry store at 171 W. Lehigh Ave., Philadelphia, Pa.

Geo. Pettler, until recently with John A. Miller, Cairo, Ill., is about to commence business in Hannibal, Mo.

Mathew Fluchsman has just opened a new store at the corner of Mt. Elliot and Gratiot Aves., Detroit, Mich.

The Ravenscroft Jewelry Co. has leased quarters in Union Springs, Ala., where it will conduct a retail jewelry business.

The New York Jewelry Co. will start in business at the corner of Winder and Hastings Sts., Detroit, Mich., about Oct. 10.

The American Diamond Mines Co., Maiden Rock, Wis., has filed articles of incorporation with a capital stock of $1,000,000.

Nathan & Schattenstein, who recently opened a general store at 519 Hamilton St., Allentown, Pa., have added a line of jewelry.

The Davis-Harter Co. is a new concern in Elkhart, Ind., where it has been incorporated with a capital of $10,000, to do a wholesale and retail jewelry business.

George W. Wells, formerly watchmaker for Harry Richardson, of Greenfield, and later for C. A. Flagg, of Turner's Falls, Mass., has started in business in Greenfield, Mass.

A. Bergeda & Bro. have opened an attractively furnished retail jewelry store at 610 Church St., Nashville, Tenn. The partnership consists of Aaron Bergeda and his brother Nathan.

E. A. Murray & Co. have begun business at 515 Water St., Port Huron, Mich. The firm comprises Wallace A. Murray and his son Edward, a recent graduate of the Landis Engraving School, Detroit.

The H. G. Meyer Jewelry Co. was recently incorporated in Meridian, Miss., with a capital stock of $40,000, divided into 400 shares, of the par value of $100 each. The incorporators were: H. G. and W. A. Meyer, and H. H. Hall.

Since the Wm. B. Durgin Co., Concord, N. H., bought out the business of Goodnow & Co., successors of Goodnow & Jenks, Boston, Mass., the manufacture of hollow ware, mounted mahogany specialties and other lines which the latter company turned out has been continued by the Durgin concern. A full sample line of the wares is now carried at both the Durgin factory in Concord and at the show rooms at 322 Fifth Ave., New York.

News Gleanings.

Rolland Jandon, Ybor, Fla., has sold out.

Charles A. Morris, Odessa, Mo., has sold out.

F. P. Nims has purchased the business of Joseph F. Baloun, Warrenton, Mo.

J. W. Straughan, formerly of Arkansas City, Ark., is now at Ft. Gibson, Ind. T.

J. A. Conn, Bowling Green, Ky., has increased his store room and added new fixtures.

A fire was started in the retail jewelry store of J. M. Duncan, Millcreek, Ind. T., to the extent of $300.

John B. Evans, Silverton, Colo., has moved his stock into more commodious quarters, on Greene St.

Roger P. Gray, Allegheny, Pa., has opened a new establishment, called the Brighton Jewelry Store, at 3142 Brighton Road, in the same place.

C. N. Vanzant, optician, 159 Yonge St., Toronto, Ont., has just installed a complete edging and surface plant for the manufacture of lenses.

C. H. Sidman, Black River, N. Y., has purchased the cigar and confectionery business of L. D. Waful, which he will continue in conjunction with his jewelry business.

Thieves recently robbed the store of S. M. Sloan, Galva, Ill., of about $50 worth of stock. Entrance was gained by breaking out a pane of glass in the show window.

The store of Frank P. Wilde, 2202 Vliet St., Milwaukee, Wis., was looted last Wednesday night by thieves, who escaped with a large amount of stock. There is no clue to the robbers.

A new engine has just been installed by the Waltham Watch Co., Waltham, Mass., to operate the entire machinery of the plant. It will replace the two engines hitherto used and will be put in operation in a few days.

The Parisian Shop, which already conducts a jewelry and optical business in Scranton, Pa., has opened a branch store at 151 Washington St., Binghamton, N. Y. A feature of the new store will be the optical department, which will be conducted under the management of Dr. L. Princestein.

A fire was started in the retail jewelry store of A. E. Rogers, 213 Lackawanna Ave., Scranton, Pa., a short time ago, by an alcohol lamp. The lamp was being refilled by an employe when the alcohol overflowed, catching afire and extending down a crack in the floor to the cellar, where some rubbish was ignited. The damage was slight.

Eli Fulmer, Easton, Pa., last week purchased a parcel of real estate, including a four-story brick building on the north side of Northampton St., west of 4th St., at that place. Part of the building is occupied by Robert K. Lerch. The first floor will be entirely remodeled for the use of the new purchaser, who will occupy it with his jewelry stock.

Earl Jackman was recently taken into custody in Burlington, Vt., on a charge of stealing seven rings from A. D. Bristol, of that place. The rings were found in his possession. When subsequently arraigned in court, Jackman pleaded guilty and was released after paying a fine of $100 and costs amounting to $7. He had been sentenced to serve not more than two years nor less than 18 months in the State prison at Windsor, but the execution of the sentence was stayed.

In December last an action brought by E. Kirstein Sons Co., Rochester, N. Y., against Cohen Bros., Ltd., Toronto Ont., to restrain them from using the word "Stazon" as a trade-mark, on the ground that it was liable to mislead the public by reason of its similarity to their trade-mark "Shuron," was dismissed by Chief Justice Mulock. E. Kirstein Sons Co. appealed from that decision, and he case is now pending in the Court of Appeal.

Roy Garrold, 20 years old, and a resident of Stamford Township, Ont., was arrested at Campden, near Beamsville, Ont., Wednesday, on a charge of taking stolen goods into Canada. He was suspended on this charge and again taken into custody to answer a charge of stealing $60 worth of hollow silverware from Wm. A. Rogers, Ltd., Niagara Falls, N. Y. Garrold had been employed at the Rogers silver factory for about five months.

Mathew Irion, 404 W. Market St., Louisville, Ky., had a strange experience recently. One evening at dusk a young man called to buy a cheap alarm clock, and as he left the store he dropped a slip of paper on the counter by accident. A few moments later two well-dressed women came in to buy a ring, and while one looked at a ring the other directed Mr. Irion's son's attention to another part of the store. When he looked again the woman was fingering her belt, but he thought nothing of this until after the two had disappeared without buying anything, when he discovered that a diamond ring was missing. Accidentally picking up the paper that the man had left on the counter, Mr. Irion noticed that it bore these words: "Beware of women buying diamonds. Look out for the belt-line.—One who knows." There was no signature to show from whence it came. The jeweler is now sorry that he did not read the paper after the young man disappeared, and is wondering how the latter knew what the women were going to do.

Looking out into the jewelry store from the rear office in which she was sitting, Mrs. W. Bradford Froude, Passaic, N. J., saw a man walk out quickly into the street. She had been left alone in her husband's jewelry store, and until she caught a glimpse of the departing man did not know that there was anybody about. Suspecting at once that the man was a thief she ran after him and raised an outcry. He ran several blocks and through some yards before he was caught by a policeman. On examining the stock Mrs. Froude saw that two gold watches were missing. The prisoner, who gave the name of Stanislaus Savisonski, was charged with the theft of the watches, which were later found in a yard where it is supposed that he had hurriedly put them during his flight. The only way in which Mrs. Froude could account for the man's getting into the store without her observing him was that he probably crouched down "on all fours" and crept through the store until he got to the watches. He may have gone back in the same way until he reached the outer door, when he suddenly stood up and was discovered.

Rochester.

Fire broke out last Thursday evening in the jewelry store of Arthur West in the Bennet block in Canandaigua, but was extinguished before it had gained much headway. The firemen found the building filled with smoke, and had a hard time locating the blaze, which proved to be in some boxes in the basement. How the fire started is a mystery. The loss is small.

Three matters of importance to the Rochester Commercial Travelers' Mutual Benefit Association will be discussed at the next meeting. One is a proposed amendment calling for the payment of $110 to the proper beneficiary on the death of a member. A second is a proposed increase of the annual dues to $2. The third is a proposition for extending the membership to include all the travelers in Monroe County.

The Rochester police are looking out for a gang of "yeggmen" who attempted to rob the jewelry store of Richmond & Conklin at Mt. Morris. The burglars had made every preparation to blow open the safe. The safe had been beeswaxed around the cracks of the door and loaded with nitroglycerine and the fuse was in place, all ready for the match. The job was evidently done by experts in safe cracking. Its successful conclusion was interrupted by some one giving the alarm. The safe contained a stock of diamonds valued at several thousand dollars. The stock in the show cases had not been disturbed, and the only property missing is one tray of silver watches. Considerable trouble was experienced in drawing off the charge from the safe. The burglars also attempted to rob the post-office, and had gagged the watchman and taken his keys from him. A man named Dolan heard the whining of the watchman's dog and, discovering the trouble, aroused the village by ringing the fire bell. The "yeggs" made their escape.

Baltimore.

The detective department of this city is on the lookout for Jack H. Langdon, who obtained from the firm of J. W. Mealy, Son & Co., 18 W. Lexington St., a gold watch and chain valued at $215, by means of a fraudulent draft drawn on the Corn Exchange Bank of New York. Up to the present time no news has been received of him, though it is believed he is in Washington.

Extensive alterations have just been completed in the establishment of Jacobi & Jenkins, 216 N. Charles St., and the store is now one of the most attractive in the downtown district. The store space has been extended to the window frames, the concern having departed from the conventional bay window. By this arrangement the view to the interior of the store is unobstructed. William F. Jacobi, of the firm, and Miss Lillian Lawton, Manchester, Eng., were recently married.

C. F. Steiner, Madison, Nebr., has been succeeded by A. G. Claug.

Thayer & Peck, North Warren, Pa., have dissolved, A. L. Thayer continuing the business.

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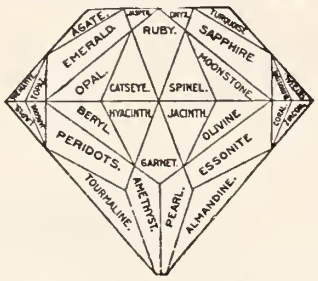
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JULES E. COHEN

PRECIOUS STONES

Buying Agent and Broker

Detroit.

H. W. Baxter, Birmingham, Mich., was here on business last week.

W. F. King, Adrian, Mich., was a buyer in the Detroit market, last week.

J. H. Frease, Napoleon, O., was a visitor to the jobbing district here, last week.

D. Leonheiser, Huron, O., a frequent visitor here, has enlarged and decorated his jewelry store at that place.

The New York Jewelry Co. will start in business to-day in the store at the corner of Winder and Hastings Sts., this city.

William F. Genicke, with Traub Bros., is mourning the loss of his brother, Joseph, who died suddenly in this city, last week, of heart disease.

G. P. Huntley, of G. P. Huntley & Co., Clyde, O., is spending a few days in this city, dividing his time between his automobile and jewelry business.

Thomas Harrison, Sr., Wallaceburg, Ont., was a recent visitor to this city, where he was the guest of his son, J. M. Harrison, of the Charles A. Berkey Co.

Out-of-town visitors to the trade here last week, not elsewhere mentioned, included: A. Wagner, Monroe, Mich., and Paul Stamsen, Muskegon, Mich.

Ehrlich Bros., manufacturing jewelers, have just completed the enlarging and redecorating of their show rooms, at the corner of Adams Ave. and Hastings St.

Will Foster, manager of the jewelry store of W. B. & E. T. Webb, Jackson, Mich., spent a few days in this city, last week, on his return from an extended fishing trip.

Paul C. Sinz, one of the recognized diamond experts, of this city, for the past seven years with Wright, Kay & Co., has taken charge of the diamond department at Hugh Connelly's jewelry store at the corner of Griswold and State Sts.

Harlow P. Davock, referee in bankruptcy, set Oct. 8, at 10.30 o'clock, for the hearing on the petition of the Detroit Trust Co., trustee for the Mancha Show Case Co. of this city, bankrupt, to dispose of $15,000 worth of assets to intending purchasers.

L. B. Sullivan, traveling representative for Edward R. Roehm, manufacturer of fraternity jewelry, is receiving the congratulations of his friends on his narrow escape from death, last week. He was in a bad railroad smashup at Greensboro, N. C., but he returned home with only a few slight bruises on the head.

The sale of the four-story building at 100 Woodward Ave., occupied by Noack & Gorenflo, wholesale jewelers, to E. E. Gallogly, started a rumor on Saturday that a skyscraper would soon go up on this desirable site and that the jewelry firm would have to seek new quarters. The firm's lease has a number of years to run yet, however, and it will continue to do business at the old stand.

E. B. Woodward, Spring Valley, Minn., has sold his business to Andrew Thompson, Plainview, Minn. Mr. Woodward has bought a business at Bismarck, N. Dak.

It is reported that J. H. Baker, who lives on a farm on Big Whitefish Lake, near Pine River, Minn., has found several valuable sapphires there. He is said to have one valued at $1,500.

Attleboro.

William E. Coles, a local manufacturer, and Ernest D. Gilmore, of E. D. Gilmore & Co., have gone to Maine on a hunting trip.

Charles M. Robbins, of the Chas. M. Robbins Co., last week presented souvenir gifts to the members of an English concert band which serenaded the Ancient and Honorable Artillery Company of Boston, of which he is an officer, at Fall River last week.

Peck's Buyers' Index Co. has filed a suit at law against the Daggett & Clap Co. for $50 in an action on contract. The matter will be heard in the Fourth Bristol District Court. Amicable settlement outside of court has been effected in the suit of Rothschild Bros. against the Henry Siegel Co., Boston.

Simms & Co. last week filed with the Secretary of the Commonwealth the annual corporation report, through Treasurer Bernard Simms. The figures show: Machinery, $25,502; cash and debts receivable, $5,623; manufactures and merchandise, $7,129; good will, $15,000; profit and loss, $64,992; capital stock, $50,000; accounts payable, $14,992.

The night jewelry shipment from North Attleboro for the south and west was delayed several hours one night last week. An express wagon containing the larger half of the shipment from all the factories in the north town was driven up the embankment to the Attleboro station, and tipped over at the top. It was impossible to get the shipment in order to go out at the usual time.

The present rush of business in the jewelry factories is causing the manufacturers joy as they study the probable profits, but the Attleboro school board finds the situation a serious one. The employment of boys and girls just old enough to leave the schools and go into the shops has been more evident this year than ever before. The superintendent of schools has been forced to give out more certificates to this class of boys and girls during the past few months of rush than are usually given in 1½ to two years.

North Attleboro.

Frank P. Kennedy, George S. Semple and Harry Fisher were in town this past week.

The employes of the H. F. Barrows Co. enjoyed a clambake last Sunday at Lake Miramichi.

The employes of the Paye & Baker Mfg. Co. are to form a strictly shop bowling league with six teams from the different departments.

G. Herbert French was a delegate last Friday to the Republican State Convention. George G. Wheeler attended the Congressional convention.

W. S. Metcalfe has returned from a western trip in the interests of the Plainville Stock Co. Alfred Sweet, of J. F. Sturdy's Sons, is home from the west.

Henry Rogers was severely injured at the factory of R. Blackinton & Co. Thursday last. He accidentally dropped a heavy vat on his right foot and badly crushed several toes.

Jewelers were interested last week in a report that was freely circulated that a commercial traveler had located here a line of jewelry that had been stolen in New York about a year ago. The stranger dropped the information of his find in a public place, but an investigation found no confirmation, and the manufacturers are inclined to believe it was a hoax.

The H. F. Barrows Co. has received from Architect Newton C. Bond plans for a modern jewelry factory to be built at the corner of Washington and Chestnut Sts. The plans will undoubtedly be accepted. The building, according to the plans, will be a one-story structure, and will be built of brick and wood of slow burning mill construction. The office section will be at the corner of the two streets, and will be two stories high, with ornamental tower. The engine and boiler house will be in the rear. The street fronts will be of red pressed bricks with white joints. The trimmings will be of Indiana limestone. It is expected that there will be 12,000 square feet of floor space.

Cleveland.

E. L. Burns, of the Burns-Barry Co., Memphis, Tenn., was in this city last week calling on some of the wholesale jewelers.

W. H. Saxton, formerly in the jewelry business at Middletown, N. Y., has accepted a position with the Webb C. Ball Watch Co., and will travel in territory east of here. Mr. Saxton will move his family to Cleveland.

L. M. Sigler, of the Sigler Bros. Co., is one of the incorporators of the Lake Superior Railway Construction Co., which was formed, last week, to build an electric line between Marquette and Negaunee, Mich.

The members of Wholesale Board of the Chamber of Commerce will make their 17th excursion the latter part of this month, the route being through West Virginia. Five days will be spent on the trip, and it has been planned to visit 50 towns in that time.

George A. Bain, for some years in charge of the wholesale department of the Sigler Bros. Co., has gone on the road for the house, traveling in Ohio, Indiana and Michigan. W. H. Kennon, of the same house, has returned from his first Fall trip.

One of the large real estate deals of business property recently was the purchase by J. A. Carter, of the property on E. 9th St., between Euclid Ave. and Prospect Ave. The building was owned by the Scribner & Loehr Co. and the Weber, Lind & Hall Co. jointly, who are continuing as tenants, the Scribner & Loehr Co. having a 10-year lease. While the purchase price of the property is not stated, it is learned that it was about $100,000.

Among the jewelers visiting this city in the past week the following were noted: Wm. H. Broer, Toledo; L. J. Goddard, Ravenna; F. C. Tigert, Wooster; A. J Heiman, Barberton; George H. Dickinson, Geneva; D. Leonheiser, Huron; N. D. Randall, Zelienople, Pa.; Mr. Burns, of Burns & Grosser, Coshocton; N. R. Zimmerman, Doylestown; J. C. Joss, New Philadelphia; C. Stausmyer, Fremont; George F. High, Medina; W. J. Higgins, Shelby; Mr. Johnson, with the R. L. Deming estate, Garretsville; F. R. Montgomery, Sandusky; E. E. Critz, the Critz Haserodt Co., Elyria; H. R. Freeman, Lorain; Walter Deuble, Canton.

Canada Notes.

M. T. Ellis, of Ellis Bros., Yonge St., Toronto, Ont., has gone to New York on a purchasing trip.

Berry, Ritchie & Co., Port Arthur, Ont., have been succeeded in the jewelry business by the Armstrong-Berry Co.

Jacob Singer, pawnbroker and second-hand dealer, charged with receiving from two boys gold nuggets stolen from the T. W. Capp Co., Toronto, Ont., was discharged with a caution last week.

Out-of-town buyers calling on the Toronto, Ont., trade last week included: E. W. Ross, North Bay, Ont.; Peter Birtwistle, London, Ont.; John Butler, Schomberg, Ont.; George E. Miller, Grimsby, Ont.; B. Harris, Hamilton, Ont., and F. R. Clarke, Warkworth, Ont.

I. Martin and Fred. Holland have been arrested in Winnipeg, Man., charged with being connected with the recent robbery of jewelry from the store of Shirray & Vickers, Portage la Prairie, Man., and taken to that town for trial. A considerable part of the stolen property has been recovered.

W. K. George, of the Standard Silver Co., Toronto, Ont., is one of a number of Canadian and American capitalists who have secured a controlling interest in the Foster-Cobalt Mining Co., which owns one of the best producing mines in the Cobalt silver mining area, and is capitalized at $1,000,000. Mr. George is to be president of the reorganized company.

Buffalo, N. Y.

The silver workers, who went on strike in the plant of Wm. A. Rogers, Ltd., Niagara Falls, were still idle last week. There was no special change in the situation. The strike is not general; it applies only to the hollow ware workers, of which about 10 quit work. There are 600 employes at the plant.

Mrs. Adelaide Thomas, wife of Albert M. Thomas, 29 Fall St., Niagara Falls, died last week at the Louise Memorial Hospital after an illness which began in May last. The funeral will be held to-day at 2 o'clock in the family home, 251 5th St., Niagara Falls, and the service will be conducted by Rev. A. S. Bacon. The interment will be in Forest Lawn Cemetery, this city. Besides her husband, Mrs. Thomas is survived by one daughter.

An attractively designed booklet entitled "Applications of Electricity" is being distributed by the Co-operative Electrical Development Association, a new organization composed of some of the members of the National Electric Light Association, with headquarters in Cleveland, O. The booklet gives detailed information regarding the application of the electric current for various purposes in all kinds of trades and industries. Under the caption, "Jewelers and Opticians," the following applications are given: *Light*—Incandescent Lamp. Tube Light. Glower Lamp. Arc Lamp. Sign and Decorative Lighting. *Heat*—Soldering Iron. Muffle Furnace. *Power*—Watch Demagnetizer. Electroplating Apparatus. Ring Machine. Lapidaries' Wheel. Drill. Grinding and Buffing Wheels. Lathe. Engraving Machine. Ventilating Fans. Blower.

IT MAY COST A LITTLE MORE A CARAT

TO HAVE BROOCH AND PENDANT CENTERS CUT TO ORDER BY US THAN TO BUY IMPORTED, POORLY CUT. PAPER WORN STONES; BUT WE OFFER YOU THESE IMPORTANT

COMPENSATING ADVANTAGES:

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EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

Connecticut.

Peter F. Riley, who for 28 years had been employed as a metal worker by the Meriden Britannia Co., Meriden, died last week.

Geo. A. Goss, Waterbury, and Miss E. M. Farrel, Ansonia, will be united in marriage at the home of the bride to-day, Oct. 10.

Jos. L. Bristol, Meriden, where for many years he had been in the employ of the Meriden Silver Plate Co., died Oct. 2, aged 55 years.

A parcel of real estate in Bull Ave., Wallingford, was transferred last week by F. A. Wallace to R. Wallace & Sons Mfg. Co., of that place.

W. E. Porter was recently granted a patent on a new rating device for timepieces which he assigned to the New Haven Clock Co., New Haven.

The business of the Ernest Schall Co., Hartford, the senior member of which died a short time ago, will be continued under the management of F. D. Mann.

According to the new schedule of the Seth Thomas Clock Co., Thomaston, the concern's factories will close at 5 P. M. on Saturdays. The plant is now running 12 hours a day.

Chas. Shaw, with the Ansonia Clock Co., Ansonia, sustained injuries at the factory last week, which necessitated the amputation of three fingers and a part of the palm of his left hand.

C. H. Tibbits and wife, Wallingford, are at present sojourning in the Adirondack Mountains. Mr. Tibbits has been re-elected a member of the board of governors of the Wallingford Club.

Geo. M. Curtis, treasurer of the International Silver Co., Meriden, last week lost a valuable pearl stud while attending a concert in Waterbury. A liberal reward has been offered for the return of the gem.

A fire broke out in the Gen. Geo. H. Ford building, corner of State and Chapel Sts., New Haven, Tuesday, of last week, but was confined to some paper in the second story. No serious damage was done.

I. H. Chase, secretary and treasurer of the Waterbury Clock Co., Waterbury, who was nominated for Senator from the 15th District by the Republican party, was nominated at the convention by Alderman Wm. J. Larkin.

Walter Camp, New Haven, on Thursday, left for Chicago, where he will attend the Western College Football Association. Mr. Camp's paper on the football rules, making suggestions for their proper interpretation according to the intent of those who formed them, was published on Tuesday of last week.

Geo. H. Rhynedance, who, after 24 years' service, recently resigned his position in the wood case department of the New Haven Clock Co., New Haven, last week, was presented with a loving cup at his home, 380 Crown St., by several of the employes of the clock company who had worked under his superintendence.

Palmer Bros., Mankato, Minn., have made extensive improvements in the interior of their store.

E. D. Spangle, Elkhart, Ind., has enlarged his store space at 522 S. Main St., where he occupies quarters jointly with F. B. Leslie.



ESTABLISHED
1881



DIAMONDS

LOOSE and MOUNTED

A SPECIALTY

Send for Selection

BAUMAN MASSA JEWELRY CO.



IMPORTERS AND MANUFACTURERS

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We Help The Dealer Sell Silverware

In the first place, our ware is skilfully made and of honest material. We try to produce the very best, and our reputation for over half a century shows that we have succeeded.

Secondly, we systematically and persistently advertise our goods. We endeavor to make every possible customer of yours know what is behind the flatware trade-mark,

"1847 ROGERS BROS."

and appreciate that quality in hollowware as indicated by the stamp:

MADE AND
GUARANTEED BY

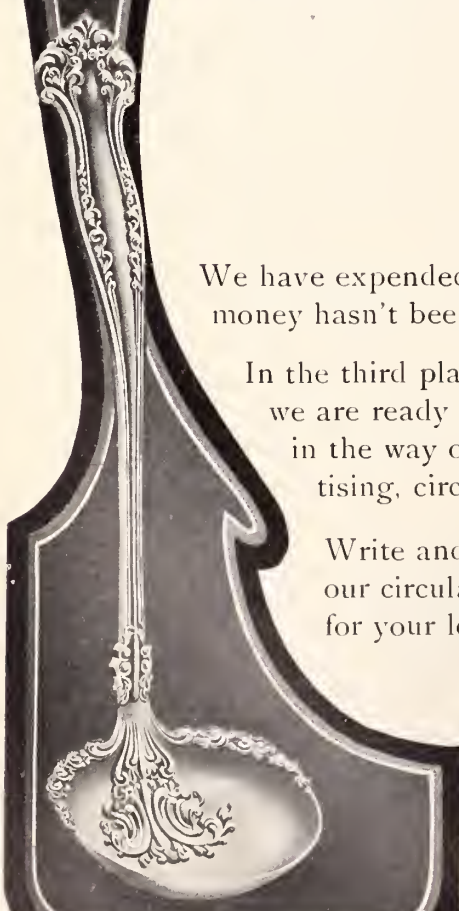
MERIDEN B. COMPANY.

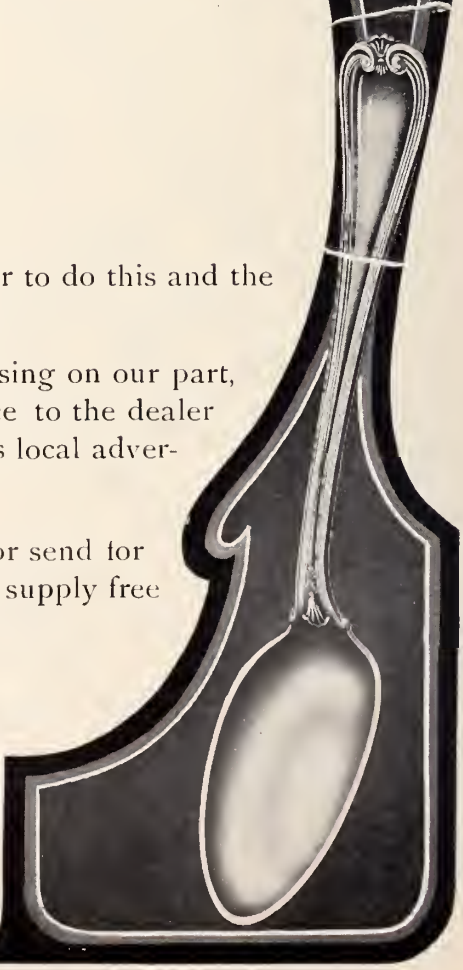
* * * ROGERS BROS.

We have expended a good deal of money in order to do this and the money hasn't been wasted.

In the third place, besides this general advertising on our part, we are ready at any time to render assistance to the dealer in the way of supplying electrotypes for his local advertising, circulars, signs, show cards, etc.

Write and tell us how we can help you, or send for our circular showing the electrotypes we supply free for your local advertising.





Meriden Britannia Co.

(International Silver Co., Successor)

Meriden, Conn.

Pittsburg.

A. A. Gillespie is home from a business trip to New York.

L. W. Vilsack & Co. are redecorating their handsome store in Fifth Ave., and it now looks prettier than ever before.

F. F. Heberline, Third Ave., New Brighton, Pa., is making some improvements in his store. He recently added a line of photographers' supplies.

The Larney-Barr Jewelry Co. has moved into the Fulton building and now has an excellent location for its store, which will be one of the finest in the city.

H. O. Scott, 2825 Penn Ave., is erecting a handsome street clock in front of his place of business, similar in design to the street clock of the Hardy & Hayes Co. in Fifth Ave.

The following out-of-town merchants were in the city last week: John Brenne, Youngstown; D. W. Alt, Knox; W. E. Crawford, Bellevernon; P. J. Manson, Jeanette; Carl Rivinius, Ebensburg.

J. C. Wasson, manager of the jewelry department of the Jos. Horne Co. store, has been chosen a member of the Councilman's Rapid Transit Commission of this city, which is trying to introduce improvements in street car service.

The Merchants' and Manufacturers' Association will give the Treasury officials a dinner Oct. 16. Officials are coming here from Washington to select a site for Pittsburg's new postoffice, for which $1,000,000 alone has been appropriated for a site.

The Pittsburg Chamber of Commerce has changed the time of holding its meetings from 3 P. M., the first Thursday of each month, until 7.30 P. M. in order to give busy business men an opportunity to attend. The chamber is now considering several questions which concern local jewelers.

The arrest of William S. Walker, known as "Diamond Bill," because of his large dealings in diamonds and other precious stones, caused a sensation last week in local jewelry quarters. Walker is the possessor of a large number of diamonds, was a good customer of local jewelers and has himself dealt extensively in diamonds. A great many jewelers have had business dealings with him.

Harry R. Lean, arrested for receiving goods stolen from the store of Joseph Horne & Co., Penn Ave. and 4th St., was acquitted in the Criminal Court last week. He was alleged to have been an accomplice of Edward J. Mellon and others who stole jewelry and disposed of it. Mellon has already pleaded no defense. Lean was charged with receiving a watch, but he showed that he returned it. Lean is a clerk in Common Pleas Court No. 2, of Allegheny County.

The first conviction under the act of 1906, relating to conspiracy to defraud creditors, occurred in the prosecution of George W. Miller, of McKees Rocks, Pa., who was tried in the local courts here last week. It was alleged that Miller secretly disposed of his entire stock of goods in bulk, without notice to his creditors, to Morris Bros., who moved the goods at night. Judge James F. Taylor sentenced Miller to pay a fine of $500 and serve four months in the Allegheny County Workhouse. The act under which Miller was convicted was passed at the instigation of the jewelers of Pennsylvania.

Lancaster, Pa.

Alvin B. Metzler, with Charles F. Wood, Altoona, Pa., was in Lancaster last week.

Christian Bowman, of Ezra F. Bowman's Sons, has been touring in eastern Pennsylvania.

F. A. Peters, of the H. S. Meiskey Co., is home from a trip to New York and Boston.

Frank W. Acklin, of the Walton & Acklin Co., Tyrone, Pa., visited friends in this city last week.

Geo. L. Hepp, jeweler, at Lititz, is about to remodel the store at 54 E. Main St., to which he will remove his business.

Walter Farnham, formerly of Lancaster, has sold out his jewelry store in Nashville, Tenn., and will return to Columbia, this county.

Bert Keplinger, a watchmaker of Altoona, visited Lancaster friends here last week, as did Horace L. Webb, West Chester, Pa., and C. H. Carman, Coatesville.

S. Kurtz Zook was largely instrumental in organizing the local Retail Merchants' Association last week, and was appointed one of the Executive Committee of the association.

News was received here last Friday of the death in Sacramento, Cal., of Charles S. Gage, a Reading jeweler who went west many years ago, settling finally in Denver, where he established a fine business. After retiring he moved to Sacramento. He has numerous relatives in Lancaster County.

Harte Smith, Philippi, W. Va., a graduate of the Ezra F. Bowman Technical School, has taken a position as watchmaker with N. B. Reilly, Philippi. Louis Berman, a student at the school, has returned from a visit to his home in Baltimore. He will soon take a position in Altoona, Pa. Kendig H. Bare, an instructor, visited Harrisburg last week. Oliver Mentzer, another instructor, is on the sick list.

Wheeling, W. Va.

T. C. Maurer opened his new jewelry store at Elmgrove last week.

T. B. Phillips, who has been ill at his home for several weeks, is now convalescent and is rapidly gaining his strength.

Sheff Bros., Main and 11th Sts., were much annoyed recently by a report generally circulated to the effect that they were to hold an auction sale at their store. Mr. Sheff said that there was no truth in the report and that it was without foundation. He caused a notice to this effect to be published in the local dailies.

John Hugo, a peddler, was arrested recently on the charge of selling imitation jewelry, having offered cheap brass rings at low prices. He claimed that he was trying to raise money to get out of town. He was fined $10. Two other men, who gave their names as Smith and Buckner, were also arrested on the same charge, and were fined $1 each and costs in the police court.

W. C. Ruddock has moved from Dos Palos, Cal., to Colony Center, Cal.

Philadelphia.

Louis Solfinger, watchmaker, has resigned his position with Wanamaker's to go with the Bailey, Banks & Biddle Co.

George Blose, of the Reineman-Blose Co., McKeesport, Pa., was a visitor to this city last week, combining business and pleasure.

Fred Barry, with S. O. Bigney & Co., New York, stopped off in this city last week for two days after an extended western trip.

Frank Hansen, watchmaker, resigned his position last week with the Bailey, Banks & Biddle Co. to go with George C. Childs, 9th St. below Chestnut St.

F. Edelman, watchmaker, formerly with E. H. Herbein, 1620 Market St., has accepted a position with George S. Katz, Germantown Ave. and Diamond St.

Herbert Cain, formerly in business with his father, Harry A. Cain, Ridge Ave. and Diamond St., accepted a position last week with the Rexford Co., 936 Market St.

The handsome new store of S. J. Lyons, 4082 Lancaster Ave., is expected to be formally opened within a fortnight. Mr. Lyons will still conduct his store at 2258 N. Front St.

William Tretbar, for 17 years in the factory of Simons, Bro. & Co., has opened a retail store of his own at 171 W. Lehigh Ave. and means to make it one of the most attractive stores in that neighborhood.

Walter Sheppard, of J. M. Sheppard & Sons, 520 N. 10th St., was married last Wednesday to Jeanette Yeager, Pottstown, and is at present on a honeymoon tour of New York and the Thousand Islands.

Among the out-of-town retailers in the city buying during the week were George K. Ware, Atlantic City; Edmund D. Oliver, Burlington, N. J.; David H. Krouse, North Wales, Pa., and J. Harry Halt, Mt. Holly.

Abe Sickles, of M. Sickles & Sons, spent Friday in New York. Benjamin F. Krischer, of the firm, was felicitated upon the arrival of an heir. Sol Sickles departed last week on an extended western trip.

I. Meyers, 127 N. 8th St., is receiving the congratulations of the trade upon his marriage in Brooklyn Tuesday of last week. The store was closed for the day in honor of the event, and the entire staff went to New York to attend the ceremonies.

The big explosion in the Market St. subway last Friday, which caused the death of eight people and injured a score more, caused serious damage to the jewelry establishments of George W. Russell, 22 N. 6th St., and J. A. Schwartz & Co., 516 Market St. The force of the explosion broke all the windows of business houses in a radius of three squares. Mr. Russell's bulk window was blown completely out and a high case clock ruined. The loss is estimated at $150. The bulk window of J. A. Schwartz was also damaged.

Carl H. Stetson, the only son of Alton J. Stetson, of Stetson & Crouse, Syracuse, N. Y., died at his home in that city last week after a year's illness. The deceased was but 21 years of age. The remains were taken to Utica and interred in Evergreen Cemetery, New Hartford, last Wednesday. Mr. Stetson has the sympathy of his friends in the trade in his bereavement.

GORHAM SILVER

FOREWARNED IS FOREARMED

¶ The Gorham Company are gratified to announce that they have made every preparation for coping with what bids fair to prove an unusually busy holiday season.

¶ They are enabled to offer to the trade a selection of appropriate goods hitherto unexampled either as to variety of style or individuality of design.

¶ It must, however, be remembered that, though every endeavor will be made to fill all orders promptly and satisfactorily, the interests of all concerned are served if these orders be placed as early as possible.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

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NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.

11 JOHN ST. COR. BROADWAY, NEW YORK.

TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWLAR NEW YORK

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
The R. M. Weaver Gold Cup. Illustrated on front cover; text on page	45
The Growing Demand for Coral	45
Pliny Erratic on Gems	45
Exports of Jewelry, etc., from New York	45
The Silver Trade in England	46
The Diamond Markets	47
Rochester Retail Jewelers' Association Elects Officers	47
Hon. Sidney O. Bigney to Run for Lieutenant Governor of Massachusetts	49
Police Hunting Butler, Pa., Jeweler, Convicted of Arson	49
Jewelers' Gold Bars Exchanged at New York	49
Interest Shown in Claim that "Reconstructed" Emeralds Are Aquamarines	51
S. A. Troeder Gets a Discharge in Bankruptcy	51
Estate Left by Jens Jensen	51
Meeting of the Retail Jewelers' Association of South Dakota	51
Games of the Jewelers' Bowling League	51
Customs Officers Seize Smuggled Emeralds	53
Dubuque, Ia., Jeweler Robbed	53
Arrest of Diamond Salesman Who Stole from J. E. Caldwell & Co.	53
Statistics of the Rhode Island Jewelry Industry	55
Exports and Imports for August and Eight Months	55
French Dealer Reported Selling Imitation Pearls to Pearl Hunters	55
Death of James Marquand	55
Developments in Bankruptcy Proceedings Against Sol. Urbach	57
Imports of Jewelry, Clocks, etc., Into Canada	57
Death of John Gleisner	57
L. M. Derby Goes Into Bankruptcy	57
London Letter	59
Imports at New York	69
Patent Department	91
Buyers' Information	95
Escapements as Constructed by Various Horologists—(Continued)	97
Watch Repairing—(Continued)	99
The Largest Sun Dial in the World	101
Polishing Tempered Steel	101
Tool to Bend Over Coil of Breguet Spring	101
A Study of Convergence and Its Defects	108
A New Theory of Vision	110
Nebraska Optometry Bill	110
A Veteran Optometrist of Oregon	111
Optometry *vs.* Quackery	111
System in the Retail Jewelry Business	112
How the Jeweler Can Meet the Competition of the Mail-Order House.—(Continued)	113
Workshop Notes	115
Tempering Copper by Means of Sodium	115
Green Finish on Art Goods	115
The Pots and Drinking Vessels of Ancient Greece.—(Continued)	117
The Bake of Ancient Pottery	119
Education and Its Place in the Art Industries of Germany	121
Artificial Gems	121

THE Commissioner of Patents has rendered an important decision wherein it is held that in order to defeat registration of a trade-mark under the proviso of Section 5 of the Trade-mark Act of February 20, 1905, relative to exclusive use for 10 years prior to the passage of the act, it is not necessary that the identical mark should have been used by others than the applicant. The use of a mark which so nearly resembles that of the applicant as to cause confusion in the mind of the public or to deceive purchasers, is sufficient to bar such registration.

ONE noticeable feature of consular reports is the frequent mention of arrangements made by foreign governments to extend their forcign trade by increased transportation facilities and the repeated complaint of the lack of such facilities for American exporters. In many parts of the world American products are practically excluded because of the frequent transfers necessary in shipping, the consequent delay in filling orders and the high cost of transportation. By increased shipping facilities Canada has greatly added to her trade, as have Germany and other progressive countries.

Supposed Diamond Fields in the United States.

REPORTS of diamond discoveries and the formation of companies to exploit various fields where these gems are supposed to exist, continue to appear with usual regularity, and they now seem to increase in direct ratio to the strength of the diamond market as the price of diamonds continues its upward climb. Of the supposed diamond fields, the two which have been receiving the greatest newspaper attention at the present time, are those located in Kentucky, which were mentioned some time ago, and a new field in the vicinity of Plum City, Wis. In neither have diamonds of any size whatsoever been discovered by the men backing the projects, though it is true that some diamonds, supposed to be of glacial origin, were found in Wisconsin before any thought of developing the fields was entertained. In both instances the hope held out to the expectant buyer of stock lies not in what has been found, but what may be found by reason of the fact that true blue clay, or kimberlite, exists throughout the area being worked, and experts seem to absolutely base their hope on the general proposition that where there is kimberlite there will probably be diamonds.

It is possible that these experts may not take into consideration the fact that, even though diamonds may exist in the general vicinity of their fields, it might take a decade or even a century of painstaking search before the actual mines are located. David Draper, the South African geologist, who discovered the new Premier mines in the Transvaal, and who is said to have pronounced both the blue clay of Kentucky and Wisconsin fields to be true kimberlite, said, on his visit to this country a year ago, that the chances of discovering diamonds even when they are known to exist within a territory is always remote, and called attention to the fact that though diamonds were found in the Transvaal almost simultaneously with the discovery of the gems in Cape Colony, it was not until 29 years later—in 1896—that the first diamond mine was discovered in the former country, and this, despite the fact that thousands of men familiar with the conditions surrounding diamond mines were exploring the country at all times. In fact, Mr. Draper said that although the same rock had come in the way of many geologists and diamond experts, it was not until after he had identified the specimen submitted to him from the Schuller farm that the first diamond mine of the Transvaal was located. Then, within a year, four other mines were found in the same district. It is when we consider how few experts we have in this country capable of locating a diamond mine, that we realize how remote is the possibility of the discovery of a gem field here.

There is another factor in the question of the discovery of diamond mines that does not seem to have occurred to many writers who are exploiting the supposed diamond fields, viz., that even though a diamond mine may be discovered, there is always a possibility that it will not pay to work it. The truth of this is attested by the fact that though there are a thousand or more diamond mines in South Africa at the present day, those which are more than paying expenses number but a handful. There is good reason to fear, therefore, that the customer or dealer who counts on any decrease in the price of diamonds in the future as resulting from the discovery of new diamond mines, is doomed to lasting disappointment. While such a discovery is within the lines of possibility, it is hardly in the realm of probability, and, even if made, would stand little chance of having any particular effect upon the market price of the queen of gems.

Importations at the Port of New York.

Weeks Ended Oct. 6, 1905, and Oct. 5, 1906.

	1905.	1906.
China, Glass and Earthen Ware:		
China	$112,422	$93,978
Earthen ware	24,742	26,741
Glass ware	28,475	33,945
Optical glass	6,038	180
Instruments:		
Musical	13,736	15,764
Optical	15,626	16,305
Philosophical	3,052	4,748
Jewelry, etc.:		
Jewelry	13,759	24,820
Precious stones	815,923	592,685
Watches	29,939	47,912
Metals, etc.:		
Bronzes	9,527	11,164
Cutlery	42,943	47,141
Dutch metal	4,695	4,941
Platina	59,976	157,002
Plated ware	207	80
Silverware	13,482	4,400
Miscellaneous:		
Alabaster ornaments	.....	35
Amber	134	2,525
Beads	3,071	5,861
Clocks	12,449	12,233
Fans	6,770	9,133
Fancy goods	5,765	10,232
Ivory	422	29,400
Ivory, manufactures of	867	668
Marble, manufactures of	38,383	13,098
Statuary	7,831	10,867

Charles B. Pope has sold his interest in the business of Taylor & Co., Plainfield, N. J., to Ira L. Larne.



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You don't have to take our word as to the *price* of our diamonds being *low* and the *quality high.* Send for a Memo. package and judge for yourself. Anything you want—loose or mounted—sent on request.

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Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ASHLAND, KY., I. N. Pollock, Albert.

BINGHAMTON, N. Y., C. F. Sisson, Jr. (Sisson Bros.-Welden Co.), Grand.

BOSTON, MASS., S. Ginberg (B. Ginberg & Co.), Broadway Central.
G. A. Reidpath (R. H. White Co.), Imperial.
W. I. Wood (R. H. Stearns & Co.), Wolcott.
G. Moir (Pitts, Kimball Co.), Imperial.

BROWNVILLE, PA., G. S. Moorehead, St. Denis.

BUFFALO, N. Y., J. Boasberg (H. & J. Boasberg), Normandie.

CHICAGO, J. C. Gardiner (Carson, Pirie, Scott & Co.), Breslin.
Miss Hill (Hillimans), 684 Broadway.
R. A. Kettle, Hoffman.

GENEVA, N. Y., L. H. Barth, Breslin.

GREENSBORO, N. C., S. Schiffman (Schiffman Jewelry Co.), York.

GUELPH, ONT., Geo. D. Pringle, W. Beattly, 601 W. 148th St.

LEXINGTON, KY., V. Bogaert, Astor House.

LEWISTON, ME., J. H. Crowley (Great Department Store), Park Ave.

MEMPHIS, TENN., G. T. Brodnax, Herald Sq.

MINNEAPOLIS, MINN., W. G. Hudson (J. B. Hudson & Son), Wolcott.
E. Langen (Powers Mercantile Co.), 214 Church St.

NEW LONDON, CONN., N. M. Ruddy, Murray Hill.

NEW ORLEANS, LA., R. L. Schmidt, Normandie.

NEWPORT NEWS, VA., J. R. Sprague, Herald Sq.

PAWTUCKET, R. I., F. H. Borden (The D. Harley Co.), Breslin.

PITTSBURG, PA., J. C. Grogan (J. C. Grogan Co.), Breslin.
T. Kauffmann (Kauffmann Bros.), 48 Broadway.
G. W. Snyder, St. Denis.

ROCHESTER, N. Y., J. Groh (Klee & Groh), Victoria.

SALT LAKE CITY, UTAH, S. H. Auerbach (F. Auerbach & Bro.), 7 Mercer St.

SPRINGFIELD, MASS., F. E. Ladd (F. E. & F. S. Ladd), Murray Hill.

TOLEDO, O., J. G. Kapp, Cadillac.

UTICA, N. Y., L. Winebergh, Astor House.

J. D. Howell, formerly of Livonia, N. Y., is now with J. H. Hall, Pasadena, Cal.

The store of J. W. Mallory, Wilson, Va., was entered by thieves a short time ago and robbed of several watches, $200 in cash and miscellaneous merchandise. No arrests have been made.

Charles M. Evans, 351 Penn St., Reading, Pa., was recently visited by a well-dressed man who looked at a collection of watch chains. The jeweler's attention was distracted for a moment, and when he returned to the customer he noticed that the latter was scratching his neck, and also noted a gold chain under the man's collar. Giving no indication that he suspected anything was wrong, Mr. Evans continued to talk with the man, first quietly sending a boy to police headquarters. An officer arrived on the scene and the man, who said his name was Lawrence, was arrested and committed to jail for a hearing.

New York Notes.

The Merchants' Association of New York is to move next month into its new building, 66 Lafayette St.

Judgment for $247 was filed last week against the American Watchman's Time Detector Co. in favor of the City of New York.

Meyer and Alex. Sabsevitz have formed a partnership under the style of Sabsevitz Bros. and have engaged in business as jobbers at 115 E. Broadway.

D. C. Dorothy, who had been watchmaker with Robert S. Gardner, Derby, Conn., is now a salesman in the jewelry department of the Wanamaker store in this city.

Maurice Rosenbaum, of Rosenbaum & Adler, 65 Nassau St., sailed yesterday on the *Kaiser Wilhelm der Grosse* for Europe. While abroad he will visit Paris, Antwerp and Amsterdam.

Levy & Dreyfus, who have a store at Sixth Ave., and who recently closed another store, are to gradually retire, it is announced, from the jewelry business, in which they have made a specialty of white stone lines.

Alexander Gilbert, president of the Market and Fulton National Bank, is receiving congratulations from his friends in the jewelry trade on his election, last week, to the position of President of the New York Clearing House.

A certificate was filed last week incorporating the Continental Art Glass & Brass Co., with an authorized capital stock of $20,000. The incorporators are: J. Hartman, New York; J. S. Bruenn, Mt. Vernon; L. S. Bruenn, Brooklyn.

Benj. F. Rees, of Zimmern, Rees & Co., 13 Maiden Lane, and Mrs. Rees sailed yesterday on the *Kaiser Wilhelm der Grosse* for a trip of several months to Europe, during which they will visit health resorts and the diamond markets.

Herman Keck, of the Herman Keck Mfg. Co., Cincinnati, O., and Mrs. Keck arrived in New York several days ago on their way to Europe. They sailed yesterday on the *Caronia* on a month's trip, during which Mr. Keck will make purchases in the diamond markets.

The business of Herbert K. Smith, who has a store at Far Rockaway, L. I., was incorporated this week with his name as the corporate style. The amount of authorized capital stock is $10,000. Incorporators: H. K. Smith, G. M. Baker, Queens; B. R. Smith, Brooklyn.

Col. John L. Shepherd, of the Keystone Watch Case Co., returning to the city last week, promptly got busy and circulated a resolution among the officers and directors of the Roosevelt and Fairbanks clubs, as a result of which a substantial donation was made to the campaign fund for the election of Charles E. Hughes, Republican nominee for Governor of New York.

Harry Sikowsky, 34 Second Ave., was accused last week of buying jewelry stolen by Joseph Bailey, alias George Whitney, of 13 Bowery, a youth who confessed that he had robbed a house in which he was employed in domestic chores. He said that he had sold part of the jewelry to Mr. Sikowsky and had disposed of the remainder in Providence, R. I. Bailey was held in $2,500 bail and the police are investigating his story as to the manner in which he disposed of his plunder. Mr. Sikowsky denies the charge against him.

An involuntary petition in bankruptcy was filed last week by Wm. L. Kitchell, who conducted a small optical and jewelry business on Main St., Hempstead, L. I. He was formerly at 83 Hanson Place, Brooklyn, N. Y. Mr. Kitchell is a single young man, and lives at Rockville Center with his parents. He carried only a moderate stock, and it is believed that the liabilities are small.

Manufacturers who use celluloid as a substitute for tortoise shell and other products are interested in the report sent by Consul S. C. McFarland that a new material has been discovered in Austria which has many of the qualities of celluloid without the attendant disadvantages. The new material is said to be elastic, non-inflammable, free from odors and easy to work by the turner.

George Munk, pawnbroker at 922 Ninth Ave., was one of several business men who recently complained to the police that worthless checks had been passed upon them. Last week Frederick C. Clayton, 203 E. 14th St., was arrested on a charge of robbing mail boxes. The police say that he and two other men, who were afterwards arrested, passed checks which were stolen from mail boxes in Newark, N. J.

An increase has been noted recently in the importation of decorated and ornamented china. According to the Government report for the eight months ending with August, the importations of this ware were valued at $7,380,411, while for the corresponding period of the year before the total was $6,601,045. The latter figures were considerably higher than those of the same period of 1904.

David Mayer, who returned last week after a buying trip to Antwerp and Amsterdam, says that the increasing prices of diamonds in the smaller sizes surprised him. He says that mêlée has advanced even more than the larger stones, the finer grades being especially difficult to get except at figures above those which prevailed a year ago. Even the inferior grades of mêlée he said, have gone up considerably.

Side light thieves were busy Wednesday night of last week in Long Island City, where they broke windows in the store of B. Eypel, jeweler, at 28 Jackson Ave., and S. Edelstein, pawnbroker at 81 Borden Ave. Pieces were cut at each store out of the plate glass, and through the openings the thieves reached for whatever articles were at hand, probably using a hook or a stick or something of that kind. At least two stores in other lines of business were robbed in the same manner on the same night. From M. Eypel's store the thieves took a quantity of cheap watches, chains and other articles valued altogether at $50. From the pawnshop they obtained booty of about the same value.

On the calendar of the United States Circuit Court of Appeals, Second district, for the term opened this week, is included the case of the United States *vs.* Tiffany & Co., involving the duty on a number of pearls imported July 29, 1902, and mentioned in prior reports of the case as the Guggenheim necklace. The Government, which tried to collect 60 per cent. duty under the jewelry clause of the tariff law, was defeated in the lower courts, it being held that the 10 per cent. assessment paid by the importers under the loose pearl clause was sufficient. Because of the death of the importer's attorney and a change among the assistants in the office of the United States District Attorney, it is probable that the case will not be reached at the present term.

The optical business of the late Jacob Gordon, 259 Grand St., will be continued by his estate. Mr. Gordon died Sept. 23 after an operation. He was survived by his widow, Mrs. Leah Gordon, and she will be assisted in conducting the business by her brother-in-law, Louis Gordon, who is also in a real estate firm. Jacob Gordon was 45 years old at the time of his death. He had been an optician for many years, and in 1901 opened at 460 Grand St., New York. Later he opened a branch at 56 Newark Ave., Jersey City, and discontinued his New York store. He subsequently opened a store in Hoboken, but on account of ill health he soon closed his stores in New Jersey and returned to New York, buying out the optical department of the Rubens Co. at the location where he continued up to the time of his death.

That the diamond merchant who was reported to have stones valued at $150,000 at Montreal awaiting a favorable opportunity to cross the border and reach New York without paying the 10 per cent. duty will not make the attempt after all, is the opinion of the customs officers. The man who was suspected of intentions to smuggle is said to have been in the habit of carrying to Montreal from Europe each year a considerable quantity of diamonds. Whether or not he has ever carried the stones or any of them into the United States without paying the duty is not positively known, but his actions awakened the suspicion of the inspectors who have long watched him, it is said, but have found no positive evidence. Contrary to reports, the man is not, according to the information obtained by a reporter of this paper, a diamond merchant of New York, but is a European dealer.

After the testimony of several importers was taken last Wednesday before the Board of United States General Appraisers in the pearl reappraisement case, of which mention was made last week, an adjournment was ordered until Oct. 23 at the importer's request in order to give him opportunity to obtain further evidence. The pearls are understood to be a part of a necklace unstrung in Europe. The invoice value of the lot, it is understood, was about $3,500, and this has been advanced 50 per cent. If the advance had exceeded this percentage the question of forfeiture would arise. As it is, if the advance is sustained the importer will be called upon to pay, in addition to the duty on the increased value, a penalty equal to the amount of the advance in value. The duty will be computed on the basis of 10 per cent. ad valorem, the rate for loose pearls, no claim being made in this case that the articles are subject to the higher duty imposed on complete neck-

(*New York Notes continued on page 75.*)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

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GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

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GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

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Capital. $1.000.000. Surplus, $1,335,000.

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R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

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Broadway and John Street, New York

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H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

REPORT OF THE CONDITION OF
THE MERCANTILE NATIONAL BANK,
at New York City, in the State of New York, at the close of business Sept. 4, 1906:

RESOURCES.

Loans and discounts		$18,058,557.35
Overdrafts, secured and unsecured		910.19
U. S. bonds to secure circulation		1,697,500.00
U.S. bonds to secure U.S. deposits		110,000.00
Other bonds to secure U.S. deposits		200,000.00
Premiums on U. S. bonds		60,712.50
Bonds, securities, etc.		540,904.44
Furniture and fixtures		87,495.36
Other real estate owned		1,632,494.16
Due from National banks		1,129,121.67
Due from State banks and bankers		642,526.79
Checks and other cash items		131,412.33
Exchanges for clearing house		2,728,705.71
Lawful money reserve in bank, viz.:		
Specie	$3,136,447.13	
Legal tender notes	1,060,000.00	
		4,196,447.13
Redemption fund with U.S. Treasurer (5% of circulation)		84,875.00
Due from U. S. Treasurer, other than 5% redemption fund		57,695.20
Total		$31,359,357.74

LIABILITIES.

Capital stock paid in	$3,000,000.00
Surplus fund	3,000,000.00
Undivided profits less expenses and taxes paid	1,648,663.78
National bank notes outstanding	1,542,500.90
Due to other National banks	5,061,507.71
Due to State banks and bankers	2,079,234.33
Due to trust companies and savings banks	2,393,452.50
Dividends unpaid	3,533.50
Individual deposits subject to check	10,691,553.99
Demand certificates of deposit	32,971.03
Certified checks	470,808.34
Cashier's checks outstanding	973,762.37
United States deposits	310,000.00
Bonds borrowed	105,000.00
Reserved for taxes	46,370.19
Total	$31,359,357.74

State of New York, County of New York, *ss.*:
I, JAMES V. LOTT, Cashier of the above-named bank, do solemnly swear that the above statement is true to the best of my knowledge and belief. JAS. V. LOTT, Cashier.
Subscribed and sworn to before me this 7th day of September, 1906.
OLIVER R. MITCHELL, Notary Public.
Correct—Attest:
RICHARD YOUNG,
ABRAHAM STERN,
FRED'K B. SCHENCK,
} Directors.

195 BROADWAY, NEW YORK CITY





Bigalke & Eckert Co.

Importers of Watches,

No. 1 Maiden Lane, New York



¶ Weekly shipments from Geneva and Paris are making our line of watches the most attractive ever shown in America. We have an extensive line of unique and exclusive designs in Ladies' Flat Enameled and Decorated Watches. Ladies' Plain Watches in all sizes. Gentlemen's Flat Watches in a vast variety of styles and grades.



SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES.



WATCHWORD *for the* FALL SEASON *of* 1906 :: :: ::

BIGGER BETTER BUSIER

THIS IS THE SIGN OF THE TIMES :: :: ::

BIGGER BETTER BUSIER

LIKE OURSELVES you are, no doubt, going to be Busier than ever this coming Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory Prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO. INC. 373 WASHINGTON ST. *BOSTON, MASS.*

BIGGER BETTER BUSIER

IMPORTERS MANUFACTURERS AND JOBBERS

New York Notes.

(*Continued from page 71.*)

laces. In accordance with its custom and for the purpose of assuring fairness in the proceedings, the Board will not divulge the name of the importer until the testimony has all been received. Witnesses are accordingly not likely to know whose pearls they are appraising.

Maurice Brower returned yesterday on the *Kaiser Wilhelm II.* after a visit to the pearl markets abroad.

In the case of Conrad Schickerling, who was president of the bankrupt corporation of Schickerling Bros. & Co., 28 E. 22d St., and who is accused of converting diamonds valued at $6,000, the property of Gustav Edelhoff, another hearing took place Monday in the Tombs Court. Mr. Edelhoff, who was the president of Edelhoff Bros. & Co., also in bankruptcy, gave at this and prior hearings testimony as to the a transaction on which the charge is based. He said that he went to dealers and obtained the diamonds on memorandum at Mr. Schickerling's request. The latter desired the stones to add to others in making a necklace, according to the account that is given, and the article was to be sold for the account of the Edelhoff corporation. The witness then repeated his former statements about demanding repeatedly the return of the stones, as he was being pressed by the dealers who held his memorandums. Finally Mr. Schickerling, according to the witness, turned over pawn tickets and the father of the witness furnished the money with which to redeem the diamonds. The case was adjourned until Oct. 23. In the bankruptcy cases of the two corporations testimony is being taken from time to time. C. S. Mackenzie, who is attorney for the Edelhoff trustee, and who instituted the police court case against Mr. Schickerling, said yesterday that because of the complex relations between the two corporations the task of unfolding all the facts as to the equities between creditors must proceed slowly, but it is expected that in time everything will be made clear.

Trans-Atlantic Voyagers.

TO EUROPE.

Herman Keck, of the Herman Keck Mfg. Co., Cincinnati, O., and Mrs. Keck sailed yesterday on the *Caronia.*

Sailing yesterday on the *Kaiser Wilhelm der Grosse* were Benj. F. Rees, of Zimmern, Rees & Co., New York; Maurice Rosenbaum, of Rosenbaum & Adler, New York.

FROM EUROPE.

Maurice Brower, New York, returned yesterday on the *Kaiser Wilhelm II.*

David Mayer, New York, returned Tuesday of last week on the *Kaiser Wilhelm der Gross.*

Samuel B. Ross, of S. B. Ross & Co., New York, and Mrs. Ross returned, last week, on the *Teutonic.*

Lee Reichman, of Jos. H. Fink & Co., New York, returned Saturday on the *Kaiserin Auguste Victoria.*

Providence.

The T. W. Lind Co. is now represented in the Attleboros and surrounding territory by A. L. Kilkenny.

The Gorham Mfg. Co. recently declared its usual quarterly dividend on the preferred and common stock of the corporation.

Among buyers in town last week were B. Hillman, Chicago; R. Quinn, Philadelphia; Harry Negbaur, New York, and P. Hermes, Chicago.

L. A. Giacobbie, San Francisco, who was a sufferer from the earthquake disaster, was here last week in search of machinery and other equipment for his plant.

George E. Brady, head of the local branch of the Jewelers' Union, has been elected president of the Jewelry Workers' Union of America by a referendum vote.

Among imports at the Port of Providence last week were two packages of imitation precious stones from Bremen and one of jewelers' sweepings from Halifax.

William H. Luther, of William H. Luther & Son, who was overcome by an attack of dizziness while in a downtown office building a week or two ago, is now convalescing rapidly.

Contributions continue to come in, though slowly now, for the fund for the silver service for the battleship *Rhode Island.* No definite steps have been taken yet, however, regarding its purchase.

One of the local papers had an article last Sunday on conditions being such, in so far as securing help is concerned, that more jewelry work was being handed out to workers in the homes than ever before.

Young Bros. have completed their removal to their new building. A presentation of a new hat tree, suitably inscribed, by the employes to the firm on the first day business was started, showed the regard felt by the employes for their employers.

Steam escaping from a waste pipe in a building on Stewart St., in which are located several jewelry firms, caused a passerby, who thought it was smoke, to send in an alarm of fire. When the apparatus responded there naturally was nothing for it to do and nothing damaged.

Dayton, O., Man Who Swindled New York Jewelers Pleads Guilty at Cincinnati.

CINCINNATI, O., Oct. 6.—Charles Pummell, of Dayton, who was indicted by the Federal Grand Jury on a charge of using the mails to defraud, was arraigned in the United States Court yesterday. Pummell is accused of obtaining jewelry from New York firms, from whom he ordered gems in the names of reputable business men. He acknowledged his guilt, but made a strong appeal to the mercy of the court. He will be sentenced this week.

A. G. Crooker & Co., Fairmont, Minn., have issued a 50-page illustrated catalogue as one means of competing with the mail-order houses.

D. W. Smith, Pipestone, Minn., has enlarged his store and now occupies the entire room, which he had heretofore shared with another merchant.

Boston.

Arthur W. Cross, salesman for the John B. Humphrey Co., has been in New York on business during the past week.

George W. Hopkins, formerly for many years with the house of Wilson Bros. Co., and more recently with the W. E. Woodman Co., has returned to the Wilson Bros. Co.

E. A. Cowan will return on Saturday from a ten weeks' trip in the south and west. W. F. Macomber, salesman for E. A. Cowan & Co., will also be home this week from a three months' trip to the Gulf and Pacific coast.

George E. Homer, Winter St., and Edward E. Hardy, of D. C. Percival & Co., both of whom are members of the Ancient and Honorable Artillery Co., accompanied the command to Atlantic City last week on the annual Fall field day, which was observed at that resort.

Jas. J. Woodward, Somersworth, N. H., who was in Boston last week on a buying trip, is one of the veterans of the New England jewelry trade. He is 78 years of age, has been in business 61 years in Somersworth, and for the last 43 years has been in the same location, next to the Boston & Maine railroad station.

Announcements were issued last week for the first Fall dinner of the Boston Jewelers' Club, to take place last night at the Hotel Somerset, in Boston. The arrangements were in the hands of the executive committee of the club, Benj. Griscom, H. B. Burnham and George W. Hutchison. A detailed report of the dinner will be published in the next issue of THE CIRCULAR-WEEKLY.

L. F. Percival, of D. C. Percival & Co., has received the beautiful Sonder Klasse yachting trophy won by him with the *Sally VIII.*, in competition for the Boston Yacht Club championship for 1906. It is a handsome bronze clock, the face having the setting of a ship's wheel. The timepiece strikes the hour and half-hour after the manner of the ship's bells. Mr. Percival was also the winner this year of the championship punch bowl of the Corinthian Yacht Club, and a fine silver loving cup, presented by the commodore of the Eastern Yacht Club.

The Fall buying season has brought a large number of out-of-town retailers to Boston since the beginning of October. Among them were: A. F. Grimes, Peterboro; H. W. Wood and H. L. Dole, Haverhill; C. W. Wilcox and E. F. Lilley, Milford; D. E. Graves, Warren; Roy S. Hunt, Medfield; S. G. Beers and F. M. Nichols, Taunton; E. A. Stebbins, of Stebbins & Lake, and A. D. Nicolet, Fall River; Vincenzo Bellemo and F. R. Hayden, Worcester; Joseph H. Hanson, Peabody; J. F. Hill, of John B. Hill & Son, Beverly; C. S. Tyler, Ipswich; S. W. Baker and W. A. G. Smith, Rockland; L. R. Hapgood, Orange; C. M. Smith, Fitchburg, Mass.; Guy O. Vickery, Augusta; T. Albert Field, Brunswick; J. R. Philbrick, Skowhegan, Me.; E. E. Cheney, Nashua; H. J. Whitcomb, Lancaster, N. H.; W. N. Elliott, Pawtucket; John S. Blondin, Woonsocket; John J. Keefe, Newport, R. I.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:

Sell your next watch customer a "Ball."

Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.

The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854 INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.

Cutters of DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL PHILIP NOEL

RUDOLPH NOEL & CO.

IMPORTERS OF

DIAMONDS

2 Tulp Straat, AMSTERDAM 'Phone 1902 John 37-39 Maiden Lane, NEW YORK



WESTERN DEPARTMENT

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago.

Vol. LIII. CHICAGO, WEDNESDAY, OCTOBER 10, 1906. No. 10.

Chicago Notes.

Geo. H. Thomas is on a trip to Kansas City.

Oscar A. Lessing is on a trip to the northwest.

S. J. Son made a short trip to St. Louis last week.

Karl Jackson, with the M. S. Fleishman Co., was in Denver last week.

Fred C. Gick is the new Chicago representative of F. M. Whiting & Co.

Sigmund Stern, of Stern Bros. Co., is visiting the Chicago office this week.

Frank H. Challen, representing the Ohio Cut Glass Co., is on a trip to the northwest.

Morton Bernheim, of the Woodside Sterling Co., was a visitor to this city last week.

Leo Bauman, of the Bauman-Massa Jewelry Co., St. Louis, recently visited this city.

Julius C. Mayer is back from a trip through Iowa and Illinois for the Mauser Mfg. Co.

Rudolph Noel, of Rudolph Noel & Co., New York, was in Chicago for a few days last week.

Clarence Chambers selected his stock here last week for his store which he is opening at Sidney, Ia.

R. J. Barnes was in Chicago last week buying the opening stock for his store at White Cloud, Mich.

L. Bauman, of the L. Bauman Jewelry Co., St. Louis, was in the city recently visiting the jobbing trade.

A. O. Jennings, of the New England Watch Co., Waterbury, Conn., was a visitor in Chicago for a few days.

G. D. Davidson, Hoboken, N. J., stopped here a few days on his way to Dakota, where he will have an outing.

Ira T. Pearce, covering Wisconsin and the northwest for R. Wallace & Sons Mfg. Co., is back from his Fall trip.

I. L. Gross and Charles J. Jacobs, local manager of the Knickerbocker Silver Co., have both returned from trips.

J. H. Purdy, of the A. C. Becken Co., is making a trip for that concern through Wisconsin and northern points.

P. B. Noyes, general manager of the Oneida Community, Ltd., visited the Chicago office of the company last week.

The Ohio Cut Glass Co., of Bowling Green, O., has added a new factory to its present plant, practically doubling the capacity.

O. E. Lange, of Racine, Wis., was in this city recently buying stock and complete new fixtures, as he is remodeling his store.

Evans Larson, formerly with C. H. Knights & Co., has accepted a position with A. C. Becken Co. to call on the city trade.

John Koch, who is starting in business at San Francisco, stopped in Chicago to finish buying stock, having purchased a part of it in New York.

Emil Braude, of Emil Braude & Bro., has been taking a pleasure trip to Minneapolis and western points. He will return to his office this week.

G. H. Bagley, president of F. D. Day & Co., spent some time in Chicago during the past week, dividing his time between playing golf and buying stock.

Col. Henry L. Turner, manager of E. V. Roddin & Co., will speak at the banquet tendered the victorious National League baseball team of Chicago on Oct. 16.

O. H. Pypher, Janesville, Wis., was in the city recently buying stock for his new store, which he will open for business on Nov. 1. Mr. Pypher was formerly in the employ of F. C. Cook, Janesville.

Naftaly Newman, a loan broker at 1804 State St., died here, Oct. 4, of heart disease, at the age of 64 years. The business will be continued by the son. Mr. Newman was prominent in Jewish religious societies.

W. J. Gamm, Madison, Wis., was here a few days ago buying stock to replace the loss which he sustained in the robbery of his store Sept. 27. He estimates his loss, mostly in silverware, to be upward of $2,000.

J. J. Freeman, of Jacob J. Freeman & Co., Toledo, O., and Mr. Teal, of the same concern, were in the city recently buying new stock and complete fixtures for the new four-story building which they will occupy, when completed, Nov. 1.

R. S. Hamilton, of Hamilton & Hamilton, Jr., Providence, R. I., visited the Chicago office for a few days. He attended the banquet of the Chicago Commercial Association with G. A. Jewett, the Chicago manager of the firm, who is a member of the association.

Philip Wanbach was in Chicago recently purchasing a complete stock of watches and jewelry for the new store which he is opening at Kankakee, Ill. Mr. Wanbach was formerly in the drug business at that place, and previous to that he was in the jewelry business under the firm name of Volkman & Wanbach.

The appraisement of the stock of the M Lippet estate, previous reference to which has been made in these columns, showed a value of $5,700. This stock was recently sold to one M. Rigit for $5,225. The other assets of the estate were in accounts outstanding, aggregating $10,000. The liabilities were about $8,000. This would indicate a solvent estate, and after the costs of administration are all paid a good dividend will be paid to the creditors in April next.

B. S. Dennison, the bankrupt jeweler of Salida, Colo., who was arrested here a week or so ago, together with F. H. Colvin, on a charge of conspiracy and arson, were bound over on a preliminary hearing to trial in January at Buena Vista, Colo. The claims against Dennison amounted to $6,000, besides the claim filed by Colvin for $1,200 which Dennison has admitted is bad. The attorney for creditors is endeavoring to get a petition in bankruptcy filed here so that better prices can be realized on the jewelry which still remains in a warehouse in Chicago. In this way 33⅓ to 50 per cent. might be realized, it is said.

A. M. Keasey, city salesman for Graff & Stanek, manufacturing jewelers in the Heyworth building, had a peculiar experience last week while showing some mountings to a retail jeweler of this city. The jeweler in question took some of Mr. Keasey's mountings to compare them with other mountings in his show window. When he returned the salesman's samples Mr. Keasey noticed that two gold mountings were missing. Mr. Keasey called the attention of his customer to the fact, and asked the jeweler to return them. The jeweler indignantly scouted the idea that he had not returned all the samples, and assumed virtuous indignation at the charge. This did not satisfy Mr. Keasey, who told the jeweler that unless he produced the two missing mountings immediately that he (Keasey) would go back of the counter and recover them himself. This threat seemed to have the desired effect, as the jeweler made a pretense of searching for the lost mountings and finally discovered

To Jobbers Only



IF INTERESTED IN

Diamond Bunch Rings

and other Mounted Jewelry.

Staple Diamond Mountings of Every Description



them. With profuse apologies he handed them to Mr. Keasey and said it was all a mistake. Mr. Keascy says he will not call on this dealer in the future.

The following were among the buyers in town during the past week: Jesse H. Young, of the Wayne Jewelry Co., Ft. Wayne, Ind.; Mr. Mayr, Jr., of Frank Mayr & Sons, South Bend, Ind.; C. D. Gardner, Manistee, Mich.; H. J. Crawford, Marseilles, Ill.; John R. Losey, Plymouth, Ind.; Mr. Hanson, Hanson Jewelry Co., Princeton, Ill.; Mr. Metzger, Jacobs Jewelry Co., Minneapolis, Minn.; Benj. Bowman, Petoskey, Mich.; Charles G. Derleth, East St. Louis, Ill.; H. M. Goldstein, Peoria, Ill.; Frank S. Fisher, Danville, Ill.; S. C. Mitchell and wife, Bucyrus, O.; Will H. Beck, of the Will H. Beck Co., Sioux City, Ia.; J. C. Althauser, Dubuque, Ia.; F. N. Andrew, Ludington, Mich.; William Strehle, Petersburg, Ill.; George O. Warren, Sycamore, Ill.; Frank C. Sheldon, Shelbyville, Ill.; Charles H. Winner, Perry, Ia.; Edward Langdon, of Powers Merct. Co., Minneapolis; Mr. Beinhorn, of Beinhorn & Meier, Winona, Minn.; Daniel Doering, Wakarusa, Ind.; H. W. Christensen, Seaton, Ill.; F. D. Stelzer, Frankfort, Mich.; C. R. Bellinger, Charlevoix, Mich.; T. J. Thompson, Barron, Wis.; W. K. Weeks, Portland, Ore.; Adam Imig and wife, Sheboygan, Wis.; Bert Brown, Peoria, Ill.; Charles R. Hoffman, Waupaca, Wis.; Mr. Oberreich, of Oberreich & Arnold, LaPorte, Ind.; C. F. Winter, River Falls, Wis.; Claud Howard, Frankfort, Ind.; E. H. Hagel, Mt. Sterling, Ill.; Fred. Borzhardt, Kirkland, Ill.

San Francisco.

A. Englehardt, 443 Van Ness Ave., is putting in new fixtures, including two large 8 x 10 wall cases.

Paul V. Garin has completed the refinishing of his store on Fillmore St., and found room for two more eight-foot show cases.

Peter Johnson & Co. are putting in new fixtures in their store on Van Ness Ave. Four new 10-foot wall cases were added last week.

McGann & Lazarus have opened a new store at 700 Van Ness Ave., one of the busiest corners in the city. They have installed one eight-foot and two six-foot show cases, and, although the store is small, they are showing a full assortment of staple goods in both jewelry and optical lines.

Skilled jewelers, watchmakers and opticians are rather scarce in San Francisco and the demand is very great. They are demanding and getting from $25 to $35 per week and more are wanted at the same figures. Several jewelry establishments are looking for experienced workmen at the higher figure and are unable to get them.

Radke & Co. are enlarging greatly their Devisadero St. store. The changes include, in the interior, the installing of a large balcony and the replacing of the old fixtures to a large extent. A large number of new show cases are being added. The exterior of the store will be renovated. This firm began October with six new men at the Van Ness Ave. store. Mr. Radke, who has been very ill for some days, is again able to attend to his business duties.

The Jas. A. Sorensen Co., which heretofore had only a small corner for its branch store at 2593 Mission St., has now leased the whole building at that location and is going to endeavor to make this branch one of the finest in the city. The management has just put in three new show cases on each side of the entrance and three large wall cases. Some outside attractions are also being planned. A big 300 light electric sign is now being put in which will serve to light up the whole block.

The Crocker Estate Co., of this city, is planning to build a large absolutely fireproof building on the north side of Post St., near Kearny St., for the exclusive use of jewelers. This structure is to be known as the Jewelers' building, and it is understood that it has already been leased to a syndicate of wholesale jewelers, who will control the building. The wholesalers lost heavily in the late fire as a result of being located in buildings not properly fireproofed and it has been their intention to remedy this when the city was rebuilt.

Cincinnati.

Edgar Fox, of Lindenberg & Fox, spent a part of the past week in Chicago.

Jonas Wise, of Frohman & Co., has started on his regular trip to the north.

William Pflueger, of Joseph Noterman & Co., will call on the western trade this week.

John A. Herschede, of the Herschede Hall Clock Co., left this week on his regular business trip west.

The Frank Herschede Co. has on exhibition a 30-grain pearl which was found in the Wabash river.

Chas. M. Wallace, Huntington, W. Va., is about to occupy the new $10,000 house which he has just completed.

Leonard J. Fox, of the Gustave Fox Co., was recently elected captain of the Cincinnati Gymnasium football team.

J. W. Taylor, Gadsden, Ala., was here last week buying an outfit of machinery for his new retail and repair business.

R. Emmitt McGill, Clarksville, W. Va., was here last week buying stock for the new store which he will open in that town about Nov. 1.

Walter H. Wilkening has discontinued business in the Sinton building, and is occupied at diamond setting for the Gustave Fox Co.

R. F. McComb, Hamilton, O., was here last week purchasing the opening stock for his new retail store which he will open on or about Nov. 1.

Herman Keck, of the Herman Keck Mfg. Co., and his wife sailed from New York Saturday for Europe, where they will make a month's sojourn.

The strike at the Homan Silver Plate Co.'s plant has been amicably settled, and the employes have resumed work. None of their demands was granted.

E. J. Mechlin, formerly with the Duhme Jewelry Co., who recently started in business in Avondale, is making improvements to his store, which will no doubt contribute greatly to his success.

The directors of the Sterling Glass Co. at a meeting last week elected the following officers: Joseph Phillips, president; Clarence Lauer, vice-president and treasurer, and Marsh Phillips, secretary.

John Geartz, watchmaker for Edward H. Simper, who formerly lived at Oak Harbor, O., disappeared last week, leaving a note to his wife and child saying he had left the city. Nothing further has been heard from him.

Fisher Boiarsky, lately indicted on an allegation of obtaining goods under false pretenses to the amount of $1,500 from the firm of Richter & Phillips, appeared in court voluntarily Oct. 1, and gave a bond for his appearance. The amount fixed was $1,000, and the bond was signed by David O'Dowd, a Cincinnati grocer. No date is yet set for the hearing.

Jacob Morris, an upper Vine St. jeweler, who was arrested last week on the charge of receiving stolen goods, was honorably discharged in the police court Friday. Morris claimed he did not know the ring offered him had been stolen. Herman Vogel, on whose statement Morris was arrested, was sentenced to one year in the penitentiary, as it was proven he had stolen the ring he sold to Morris.

Mabel Hall, who last Spring, with John Delaney, was arrested for securing two rings from the Oskamp Jewelry Co. and the Duhme Jewelry Co. by means of worthless checks, was sentenced Oct. 5 to one year in the penitentiary. Technically the sentence was for one year on each count, but the two terms will be served concurrently. Delaney was acquitted some time ago on the testimony of the Hall woman that she alone was guilty.

Out-of-town dealers who replenished their stock here during the past week included: W. T. Newton, Knoxville, Tenn.; Herman A. Rohs, Cynthiana, Ky.; Mr. Talcott, of Talcott Bros., Olympia, Wash.; Owen Sherwood, Falmouth, Ky.; Fred. C. Wittlinger, Middletown, O.; Joseph H. Drake, Lebanon, O.; Mr. Washburn, Anderson, Ind.; J. D. Smith, Union City, Ind.; O. E. McWaters, Somerset, Ky.; A. Kehl, Connersville, Ind.; G. H. Hansgen, Bethel, O.

The many friends of Simon Hesse, a well-known jewelry traveler, who has recently represented the Herman Keck Mfg. Co., will be pleased to hear that he is now convalescent after having laid up eight weeks in the hospital. Mr. Hesse has been visiting the trade for over a quarter of a century, and is known to hosts of retailers, particularly in the south. He expects to again be in a position to cover his territory in about four weeks, as it is thought that by that time all traces of the nervous prostration, with which he was stricken some time ago, will have then disappeared.

The new tower clock for the great new depot of the Cincinnati Southern Railway has just been completed under the supervision of William Owen, general time inspector of the Queen & Crescent Railroad. Charles Cooke, an expert in tower clocks, was in charge of the clock work. This clock was taken from the old Resor building, where it has been in steady use for 35 years, but with the additions and alterations recently made it is now practically a new clock. The timepiece was originally made by F. K. Hotchkiss. There are four dials lettered C. N. O. & T. P. Ry., two diamonds, and then Q. & C., making twelve letters or characters instead of numerals.

SWARTCHILD & CO.

ESTABLISHED 1870.

138 Wabash Avenue CHICAGO, ILL. **Watchmakers', Jewelers' and Engravers' Supplies.**

Our new 432 double-size page catalogue containing 20,000 illustrations will be sent to you gratis (prepaid) on application.

THE NEW MAINSPRING

"BLACK SHIELD" MAIN=SPRINGS

FOR ALL AMERICAN WATCHES.

The Product of the Highest Attainment in Mainspring Making

FEATURES

"Black Shield" Mainsprings are packed in the following manner:

Each spring is wrapped separately in oiled paper, and placed in an individual envelope printed with the name and size of movement for which it is intended.

Twelve envelopes, or one dozen mainsprings, are contained in a well-made strong box properly labeled.

Useless handling of the springs is avoided, thereby preventing rust or mixing of stock.

The name, "Black Shield" is scratched on every spring.

TESTS

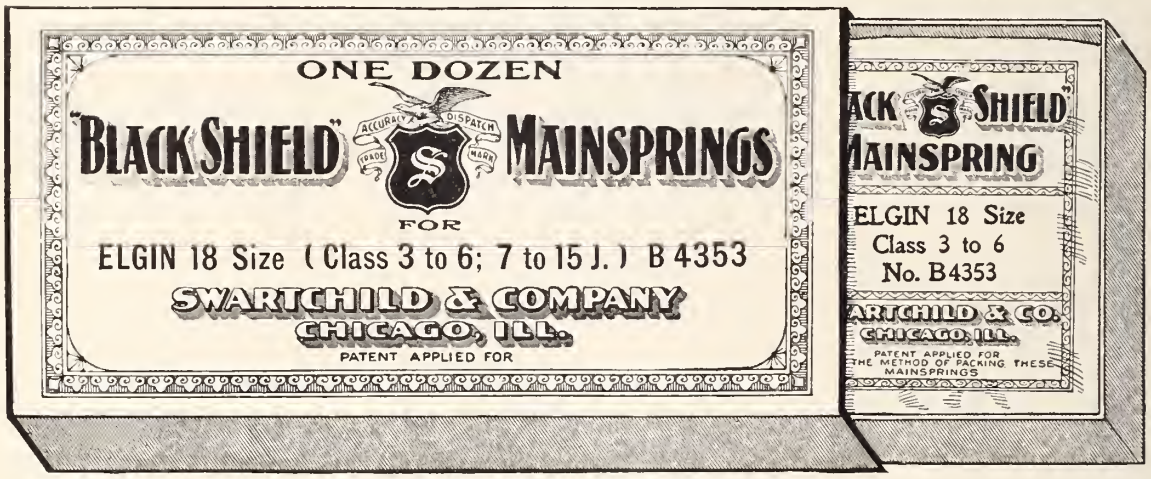
In selecting the "Black Shield" Mainsprings, we were guided not alone by our own severe tests and judgment, but we distributed samples to dozens of expert watchmakers throughout the country.

The opinion of all was that the "Black Shield" Mainsprings are the finest ever introduced in this country. That they are even, properly tempered, carefully finished, correctly gaged, and tips and length positively accurate.

They are of wine color, well polished, and will fit the respective movements without any filing or change whatsoever.

"Black Shield" Mainsprings are manufactured for us only by the oldest and most reputable maker in Switzerland

Per Dozen, $1.25 Per Gross, $13.50



Fac-Simile of Box Containing One Dozen "Black Shield" Mainsprings

"Black Shield" Mainsprings are guaranteed in every respect. No better can be had at any price

Per Gross, with 4-Drawer Cabinet (capacity, 48 dozen), $15.00





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**

CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO**

NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES.

Kansas City.

Amos Plank, Hutchinson, Kans., was in this city, last week, on his way to St. Louis.

Burt Haller, formerly with the Cady & Olmstead Jewelry Co., has taken a position with the C. B. Norton Jewelry Co.

J. Levin, traveling representative for Kionka & Kionka, who was in this city last week, has started out on a six weeks' trip.

Grover Connell and Hollis Spiller, both of Canadian, Tex., and I. E. Petitt, Downs, Kans., enrolled at the Kansas City Polytechnic Institute, last week.

J. L. Kirkpatrick bought an opening stock in this city, last week, for a new store which he is opening in Formosa, Kans. He was formerly located in Oakley, Kans.

The parade of the Priests of Pallas, last week, was a greater attraction to the visiting jewelers than they expected, for it was a parade made up entirely of floats representing jewels.

J. R. Mercer left Oct. 7, on a buying trip to New York. He will stop in Dansville, N. Y., for Mrs. Mercer, and they will proceed from there to New York, where they will remain about 10 days.

The following new pupils were enrolled, last week, at the Southwestern Optical College: Wm. Henry Buckmaster, Kansas City, Mo.; A. B. DeWater, DeSoto, Kans.; C. W. Woolfolk, Centerview, Mo.

The Kansas City Polytechnic Institute is adding a manufacturing jewelry department, which will be under the direct charge of R. D. Rizar. For the present instruction in this branch will be given at night only.

The following out-of-town jewelers were in this city last week buying jewelry and taking in the festivities: M. L. Jones, Fairfield, Nebr.; J. W. Talbot, Nevada, Mo.; Mr. Hess, Bonanza, Ark.; A. L. Laport, Newkirk, Okla.; Mrs. Thomas, Topeka, Kans.; G. A. Leffler, Iola, Kans.; Guy H. Avery, Glen Elder, Kans.; J. R. Lancaster, Siloam Springs, Ark.; C. E. Anderson, with R. C. Houghton, Fort Scott, Kans.; Mrs. J. H. Whiteside, Liberty, Mo.; L. E. DeLanty, Parkville, Mo.; H. M. Bennett, Wellsville, Kans.; R. J. Furnish, Linneus, Mo.; Geo. Hobb, Raton, N. Mex.; Geo. W. Winstead, Great Bend, Kans.; L. A. Lhuillier, Pleasanton, Kans.; C. H. Brassfield, Ness City, Kans.; G. M. Smith, Augusta, Kans.; G. W. Lewis, Herington, Kans.; C. J. Benson, Lee's Summit, Mo.; Roy P. Smithers, Cameron, Mo.; W. H. Reed, Golden City, Mo.; Sam M. Coffman, Braymer, Mo.; G. B. Raynolds, Ottumwa, Ia.; W. P. Fincher, Tonganoxie, Kans.; Geo. W. Hardway, Fort Smith, Ark.; J. C. Armstrong, Ottawa, Kans.; Henry Burgdorff, Cawker City, Kans.; C. E. Conklin and wife, Chanute, Kans.; C. B. Libby, Weir City, Kans.; Mr. Talbert, of Talbert Jewelry Co., Kingman, Kans.; G. R. Summers, Sturgeon, Mo.; F. M. Dillon, Bonner Springs, Kans.; W. L. Howe, Almena, Kans.; W. H. Meyer, Lawson, Mo.; F. C. Calhoun and wife, Pawnee City, Neb.; Aug. Basse, Quincy, Ill.; W. G. Glick and wife, Junction City, Kans.; L. B. Kimball, Arkansas City, Kans.; J. F. M. Lloyd, Pond Creek, Okla.; F. J. Amphlett, Apache, Okla.; G. E. Coffman, Thayer, Kans.; O. D. Shide, Manhattan, Kans.; R. A. Nichols, Lebanon, Kans.; A. T. Welch, Williamsburg, Kans.; W. L. Wilson, Osceola, Mo.; Joe Weiler, of Weiler Bros., Quincy, Ill.; E. F. Sheldon, Marion, Kans.; L. C. Kisling and wife, Osborn, Kans.; Paul Peterson, with J. B. Hayden, Topeka, Kans.; Geo. C. Stairs, Alva, Okla.; C. A. Stevens, Nickerson, Kans.; Geo. Spangle, Chetopa, Kans.; J. B. Bryant, Mound City, Kans.; C. L. Dockham, Oskaloosa, Kans.; H. T. Crane, Maryville, Mo.; T. G. Allen, Miami, Ind. T.; Mrs. Ed. Rhodes, Neodesha, Kans.; J. L. McGill, Gillead, Neb.; A. S. Miller, Steele, Okla.; A. B. MacDonald, Chillicothe, Mo.; L. P. H. Hatch, Goodland, Kans.; J. S. Lang, Coffeyville, Kans.; Mrs. B. M. Wiard, Concordia, Kans.; S. W. Cooper, Marquette, Kans., Geo. Weisgerber, Salina, Kans.; L. C. Kissling, Osborn, Kans.; G. B. Reynolds, Ottumwa, Ia.; W. V. Steele, Gentry, Ark.; A. G. Reid, Liberal, Kans.; J. R. Kile, Cunningham, Kans.; C. J. Keil, Clinton, Mo.; L. E. Leek, Scammon, Kans.; W. E. Myers, York, Nebr.; E. A. Church, Claremore, Ind. T.; Geo. H. Church, Oak Grove, Mo.; J. A. Lukens, Bucklin, Kans.; R. C. Cotton, Table Rock, Nebr.; Fred McDearmon, Carterville, Mo.; Harry M. Heckart, Springfield, Mo.; Geo. Killiam, Pittsburg, Kans.; A. Wedel, Moundridge, Kans.; H. Walter Starcke and wife, Junction City, Kans.; W. W. Spalding and wife, Eskridge, Kans.; J. B. Hampton, Colby, Kans.; E. Parker, Gilman City, Mo.; Robt. C. Smith, with E. L. Askren, Manhattan, Kans.; H. E. Grupio and wife, Diller, Nebr.; M. R. Waggoner, Weston, Mo.; Ed. Hutto, Kingman, Kans.; R. H. Morehouse, Topeka, Kans.; J. H. Leighty, Spring Hill, Kans.; H. C. Williams, Girard, Kans.; G. B. Brown, Hill City, Kans.; Otto Burkland, Osawatomie, Kans.; P. C. Peterson and wife, Waverly, Kans.; W. F. Ash, Haven, Kans.; T. L. Baskett and wife, Chillicothe, Mo.; W. W. Whiteside, Liberty, Mo.; L. O. Kunze, Harrisonville, Mo.; G. E. Farnsworth, with F. Burkholder, Fort Scott, Kans.; Sam Freidberg, Topeka, Kans.; B. A. Mason, Frankfort, Kans.; H. Meckenstock, Haven, Kans.; D. D. Wiggins, Hoxie, Kans.; Harry Fields, Lowry City, Mo.; W. D. Gould, Great Bend, Kans.; W. G. Glick and wife, Junction City, Kans.; Mr. Mullins, with J. W. Phillips, Chanute, Kans.; W. R. Pearce, Gardner, Kans.; F. E. Pertle, Council Grove, Kans.; A. F. Pontius, Anthony, Kans.

Minneapolis and St. Paul.

Victor Saxe has left S. H. Clausin & Co., Minneapolis, to take a position with his brother.

Dr. Dora Bell has opened optical parlors in St. Paul at 7th and Robert Sts. She is the first lady optician in the city.

Wm. Krohn, Annandale, Minn., was in the Twin Cities last week on his return from a two months' trip in Colorado and the west.

Elmer Anderson, with S. H. Clausin & Co., Minneapolis, has returned from a trip to Lindstrom, Minn., and started on the road again.

Out-of-town jewelers in the Twin Cities during the past week were: John Saxine, Prescott, Wis.; Ole Brattvet, Kenyon, Minn.; Herman Hoch, Alma, Wis.; J. C. Gerde, Paynesville, Minn.; P. L. Lillie, Spring Valley, Wis.; C. H. Johnson, Marshall, Minn.; H. O. Thomas and wife, Hampton, Ia.

C. A. Sauer is taking a course in optometry with L. L. DeMars, Minneapolis. He will engage in business at Aberdeen, S. Dak., shortly.

The Anchor Silver Plate Co., St. Paul, has filed a formal notice of dissolution of incorporation. The company has closed up all its affairs.

Indianapolis.

Will Reed, with J. H. Reed, has returned from a vacation spent in Michigan. The firm has employed Horace Plummer as watchmaker, formerly with Charles B. Dyer.

Augustus P. Craft, head of the A. P. Craft Co., has returned from a trip to Wisconsin, where he visited some zinc mines in which he and a number of other Indianapolis men are interested.

Dr. Arthur Rose has assumed control of the Cullen Optical & Jewelry Co., and the name has been changed to the Rose Optical & Jewelry Co. Dr. Cullen died in the City Hospital shortly after moving here from St. Louis.

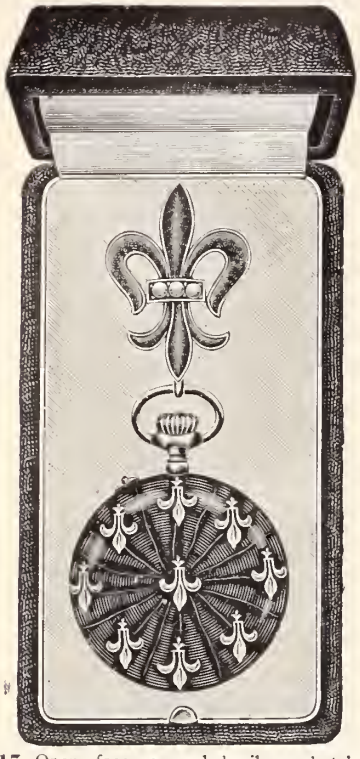
Abraham B. Cohen, of H. Cohen & Sons, was seriously injured last week in an elevator accident. Mr. Cohen was one of five passengers in a car which fell four stories because of the breaking of a cable. All the passengers were injured. Mr. Cohen sustained broken ankles and several bruises.

Safe crackers visited the store of A. Fisher at 156 Virginia Ave., last week, and attempted to blow open the safe. The combination was blown off, but the lock held and the robbers failed to get the contents inside. About $200 worth of stock outside of the safe was carried away. The robbery was not discovered until the store was opened the next morning. It is not known whether the robbery was committed Saturday or Sunday night. City detectives have been assigned to the case.

Out-of-town jewelers who visited the local jobbers and manufacturers last week reported that Fall business is increasing. The number included: George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Robert, Veedersburg; A. R. Cooper, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred W. Green, Elwood; A. B. Westberry, Rankin; Dr. Conwell, Van Buren; J. H. Wetz, Sulphur Springs; J. A. Pickett, New Castle; Aaron Pursel, Noblesville; J. A. Miessen, Cicero; D. S. Whittaker, Lebanon; H. Wheeler, Dana; N. W. Myer, Crawfordsville; E. O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion; and Mrs. B. Maier, Edinburg.

A. Augburn and Sarah Jones, both colored, were arrested, Oct. 2, in Norfolk, Va., on a charge of stealing a tray containing one dozen set rings, valued at $100, from David Levitin. The couple were committed for 10 days. In the meantime the police are looking up their records.

L. A. EPPENSTEIN & CO., 133 Wabash Ave., CHICAGO, ILL.



2717 Open face, enameled silver chatelaine, red, blue, green and turquoise, gold plated centers, bows, and crowns, decorated with gold inlaid assorted designs, enamel chatelaine pin, plush, satin lined box. **$3.40**
This quotation includes watch, enameled pin and plush box.



2785 14 Karat Solid Gold..... **$9.50**
2786 9 Karat Solid Gold..... **8.00**
Solid gold hunting, plain polish, white porcelain dial, good quality cylinder movement.
Price includes solid gold hunting watch, plain rolled gold chatelaine pin and plush box.

THE MONEY SAVER

Under this title we have published

THE FIFTH EDITION OF

OUR CATALOGUE

This is, without question, the most complete book of its kind.

It is devoted to illustrations of watches generally, but more particularly to **unique horological novelties.**

Prominent among the unusual are illustrations of

Octagon, Square, Triangle, Automatic, Alarm, Visible Balance, Pendulum, 8-Day and 10-Day Watches.

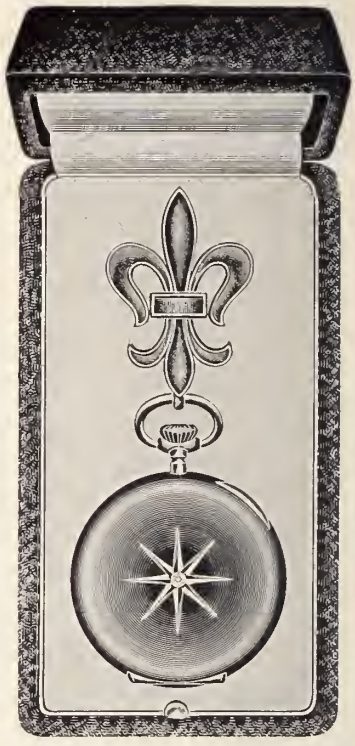
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This Book Worth Many Dollars

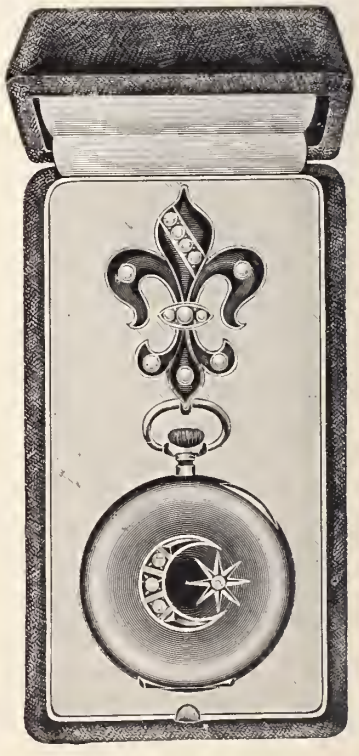
MAY BE HAD FOR THE ASKING.

MAIL YOUR REQUEST TO-DAY.

L. A. Eppenstein & Co.
133 Wabash Ave. CHICAGO, ILL.



2765 14 Karat Solid Gold..... **$12.75**
2766 9 Karat Solid Gold..... **8.25**
Solid gold open face chatelaine, plain or satin finish, set with genuine [illegible] diamond, nickel cylinder movement, good quality rolled gold chatelaine pin, silk plush, satin lined box.



2773 14 Karat Solid Gold..... **$14.00**
2774 9 Karat Solid Gold..... **9.50**
Solid gold, open face chatelaine, plain or satin finish, set with 4 genuine rose diamonds, nickel cylinder movement, good quality. Colored enameled chatelaine pin, silk plush, satin lined box.

ALL THESE PRICES SUBJECT TO 6 PER CENT. DISCOUNT

St. Louis.

Al. Klein has severed his connection with J. W. Cary & Co., *Globe-Democrat* building.

August Kurtzeborn, of this city, has been chosen as one of the members of the October grand jury.

William Weidlich, of William Weidlich & Bro., last week wound up a three weeks' trip through Missouri.

D. Untermeyer, of Charles Keller & Co., New York, was here last week, accompanied by Mrs. Untermeyer.

Louis Storch, Commercial building, has returned from a successful business trip, going as far west as Kansas City.

Mark Eiseman, Birmingham, Ala., representative of the L. Bauman Jewelry Co., is in St. Louis replenishing his stock.

J. F. Dailey, of J. F. Dailey & Co., was married recently in South Haven, Mich. His bride is Miss Davies, of Chicago.

A. J. Blackstock, formerly engaged in the jewelry business at Van Buren, Ark., was here last week, having returned from an extended sojourn in Colorado.

George Pettler was in this city last week, buying an opening bill of goods for his new store at Hannibal, Mo. He was formerly connected with John A. Miller, at Cairo, Ill.

Mr. Singleton, of Adams & Singleton, Boston; Jules Franklin, New York, and Percy W. Hine, of Luthy & Hine, New York, were visitors to the local trade last week.

Mr. Boyd was here last week purchasing a new stock of goods for the Boyd Specialty Co., Festus, Mo. He was formerly connected with the Hamilton Specialty Co., DeSoto, Mo.

Harry A. McLeery has resigned his position with the Mermod, Jaccard & King Jewelry Co. to accept the management of the jewelry department of a New York department store.

Harry Doty, well known in the local jewelry trade, has returned to the employ of Eisenstadt Mfg. Co., *Star* building, after an absence of several years, during which time he was engaged in another business in New Orleans.

Max L. Weiss, of Weiss & Fassett, *Globe-Democrat* building, was recently elected president of B'nai El Congregation. The *Modern View*, the leading Jewish weekly here, printed a photograph and article commendatory of Mr. Weiss.

Goodman King, president, and John J. Menges, general buyer, of the Mermod, Jaccard & King Jewelry Co., departed last week for New York on a business trip. This firm has had on display the prizes awarded at annual tennis tournament for the championship of Missouri.

Mrs. Johanna Niehaus (nee Pfiefer), wife of F. H. Niehaus, Sr., and mother of Frank and Emil Niehaus, died Sunday of last week, after a lingering illness, at the age of 64 years. The funeral took place Wednesday at 2 o'clock P. M. from the family residence, 1302 Franklin Ave., to the Bothania cemetery. The members of the Retail Jewelers' Association of Missouri attended the funeral in a body.

Capt. William A. Benson, who was supervisor of transportation under the Chief Quartermaster of the United States Army at Montauk, N. Y., during the Spanish-American war, has accepted a similar position with the army and departed Wednesday for Newport News, to assume his duties. Capt. Benson has been granted a leave of absence by his employers, the Mermod, Jaccard & King Jewelry Co.

Paul Kahn, a pawnbroker of Collinsville Ave., East St. Louis, Ill., was arrested Tuesday on the charge of receiving stolen property, on a warrant sworn out by J. Schlessinger, who was robbed of a watch recently while in his room at the Tremont House, East St. Louis. The watch was pawned for $8 with Kahn, who, it is alleged, refused to turn it over unless Schlessinger paid him that amount. Tuesday Albert Stoggins was arrested on the charge of stealing the watch and admitted his guilt.

The low rates in effect to St. Louis on account of the carnival had the effect of drawing many buyers in the jewelry trade to this city. Among the visiting jewelers were the following: J. L. Mullins, Hillsboro, Ill.; L. DeRousse, Waterloo, Ill.; J. Koetting, Ste. Genevieve, Mo.; A. Gerber, Edwardsville, Ill.; Ben C. Bowden, Mayfield, Ky.; C. H. Gieseke, Trenton, Ill.; A. E. Zukschwerdt, Tipton, Mo.; J. F. Stewart, Albion, Ill.; R. B. Lemmon, of R. B. Lemmon & Son, Norris, Ill.; C. F. Gash, Fredericktown, Mo.; F. D. Hobb, Dyersburg, Tenn.; C. Burckhardt, Red Bud, Ill.; J. A. Bainbridge, Marion, Ill.; C. F. Gardner, Sorento, Ill.; George Washington Chase, Moberly, Mo.; E. C. Kroencke, Concordia, Mo.; Louis Keller, Moberly, Mo.; George C. Carroll, Virden, Ill.; H. B. Kennedy, Aurora, Mo.; L. M. Fey, Chamois, Mo.; W. H. Jahns, Pacific, Mo.; Frank B. Thayer, Memphis, Tenn.; E. B. Hall, Springfield, Mo.; Fred McIntyre, McAlester, Ind. T.; H. W. Foerste, Okawville, Ill.; Mrs. H. Armstrong, Brownwood, Tex. All of the jewelers report a good business and a splendid outlook for the future.

Pacific Coast Notes.

F. W. Willett, Watsonville, Cal., has just returned from a short fishing trip to the Aroyo Seco country.

L. E. Vaughn, Oxnard, Cal., has added plate glass and mahogany show cases and otherwise improved the interior of his store.

M. J. Cooney, a mining engineer of South Africa, recently began work on what he claims is a diamond mine, near Oroville, Cal.

N. W. Frantz, formerly of Hemet, Cal., writes his friends there that he is now in business at Winfield and Conway Springs, Kans.

C. E. Rubottom, Globe, Ariz., has enlarged his repairing department and secured the services of John Eaves, as manager of that end of the business.

William Schleyer, formerly of Fortuna, Colo., but more recently of Alturas, Cal., has returned to the former place and will reopen with a line of jewelry.

C. Cram, Lancaster, Cal., has added to his line of jewelry a large assortment of solid silver and plated ware. New show cases have been put in to accommodate the enlarged stock.

Omaha.

C. Borquist, Shickley, Nebr., has sold out to C. Larsen.

S. W. Lindsay has gone to Chicago on a short trip to purchase holiday stock.

Several diamond robberies have occurred in this city recently. Richard Baker, Des Moines, Ia., was viewing the airship on the carnival grounds when a man giving the name of Frank Morgan, Kansas City, started to relieve him of his diamond shirt stud, valued at $250. Mr. Baker succeeded in capturing the man and turned him over to the police, after having recovered his diamond.

The following out-of-town jewelers were in this city last week, enjoying the Ak-Sar-Ben Carnival and replenishing stock: C. Pierson, Orleans, Nebr.; P. W. Napier and wife, Decatur; Mrs. Underwood, Murray; H. S. Knapp, Bertrand; R. P. Rasmussen, Edgar; George Hastings and wife, Arcadia; C. A. Tucker, Lincoln; J. T. Kite, Wymore; G. B. Cross, De Witt; A. Christopherson, Wausa; S. A. Sherrerd, Wood River; H. C. Anderson, Hildreth; A. R. Kokes, Chapman; Sam Shean, C. W. Fleming, D. T. Smith, Lincoln; C. E. Dean, Arapahoe; C. A. Leach, McCook; M. C. Bressler, Clearwater; A. M. Friesen, Jansen; B. F. Smith, Valley; M. L. Kile, Creighton; H. E. McCoskey, Shelton; O. G. Coglizer, Weeping Water; Hiebenthal & Preiss, Scribner; E. Hinemeyer, Clarks; F. B. Cole, O'Neill; A. Brodfuehrer, Upland Drug Co., Upland; John Crabill, Plattsmouth; T. P. Owen, York; M. Tritsch, Louisville; Geo. Zimmerman, Spalding; F. H. Brady, Elm Creek; F. W. Bruning, Bruning; C. O. Frominer, Cortland; F. Witters, Hildreth; F. J. Underhill, Tamora; B. C. Martin, Belden; L. W. Gorton, Chadron; Otto Wiederanders, Gothenberg; A. Urbolus, Minden; J. G. Beste, Hartington; C. W. Sawyer and wife, Silver City, Ia.; F. Temon, Sidney, Ia.; F. A. Furman, Riverton, Ia.; Geo. T. Marsh, Atlantic, Ia.; W. H. Eyer, Little Sioux, Ia.; Wm. Metzger, Manning, Ia.; C. E. Smith, Kingsley, Ia.; P. Sievers, Westside, Ia.; Jas. Fonchek, Cromwell, Ia.; S. M. Thomas, Tabor, Ia.; Wm. H. Evans, Red Oak, Ia.; J. E. Tucker, Coon Rapids, Ia.; and G. L. Cormany, Bonesteel, S. Dak.

Pacific Northwest.

Wm. Weian, Spokane, Wash., has sold his store to C. W. Meyers, of Chicago.

Coovert & Carter, Vancouver, Wash., have moved to the Palm building, at that place.

Albert R. Martin has added a line of drugs to his jewelry business in Junction City, Ore.

G. H. Heitkemper, formerly of Portland, Ore., will open a jewelry store in the Page-Stratton building at Klamath Falls, Ore., as soon as the building is completed.

Charles O. Hagen and J. J. Walleen have put in an electro plating plant at 50 Palouse St., Walla Walla, Wash. Mr. Hagen was formerly with the Rogers Bros. plant.

D. A. North, Cleveland, Tenn., is making extensive improvements in the interior of his store, adding several new show cases, etc.

Silversmiths' Bldg.,
131-137 Wabash Ave.

C. G. Breitenbach & Co.

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Established 1889

LARGEST DISTRIBUTERS OF SILVER-PLATED WARE IN THE WORLD

W. H. ROGERS' Celebrated Knives, Forks and Spoons—A brand that is noted the world over for Quality and Finish



This cut shows sectional plate spoon which is extra heavily plated on wearing parts.





All our spoons and forks have an extra heavy plate on all parts most exposed to wear, for which we make no extra charge.

We also carry a complete line of choice Hollow Ware

We call special attention to Jewelers contemplating Auction Sales

Write for prices

BE SURE AND SEND FOR OUR NEW CATALOGUE

ROCKFORD SILVER PLATE CO.

ROCKFORD, ILL.

Not the Oldest

Not the Largest

Just the Best—if it bears the "Rockford" Stamp

STERLING SET



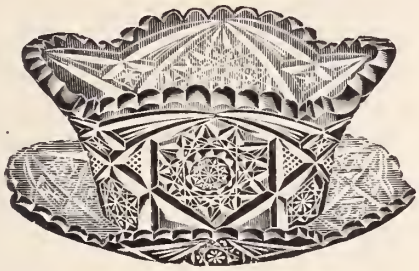
"Stand by those who stand by you"

The Retail Jeweler only can get it—if it bears the "Rockford" Stamp

No. 111 Solid Silver Set, Ivory Handle Pot, Three Pieces Shown, Gold Lined, $79.00 List

Write for Illustrated Sheet showing our

25—LEADERS—25



SALESROOMS:

New York, 25 W. BROADWAY
Chicago, 35-37 E. RANDOLPH STREET
St. Louis, 404 N. 4th STREET

TRADE NOTICE

Owing to the quantity of orders pouring in on us for our new

25 LEADERS

as well as our large staple line, it has become necessary to equip

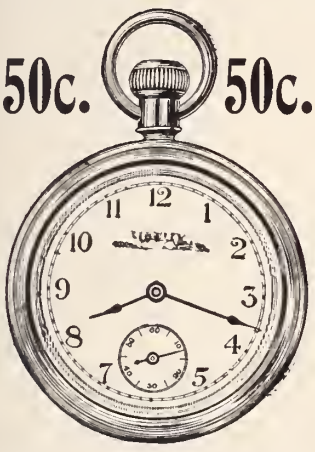
Another Factory

which will be in operation about October 15th. This will almost double our capacity, enabling us to fill all orders promptly.

OHIO CUT GLASS COMPANY

FACTORY, - - - BOWLING GREEN, OHIO

50c. 50c.



Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....50c
In lots of 50, each.....49½c

Freedom Oxidized—Same as above in black gun metal case, each.....55c
In lots of 50, each.....54c

Freedom Gilt—Same as above in 14k gold-plated case, each.....55c
In lots of 50, each.....54c

To Push Business

DURING OCTOBER

These watches displayed prominently in your window with a legitimate profit attached, will draw trade to other lines, and put renewed life and vigor into your business.

ORDER NOW

We carry everything pertaining to the Watch and Jewelry line.

WATCHES, DIAMONDS, OPTICAL GOODS, JEWELRY, ETC.

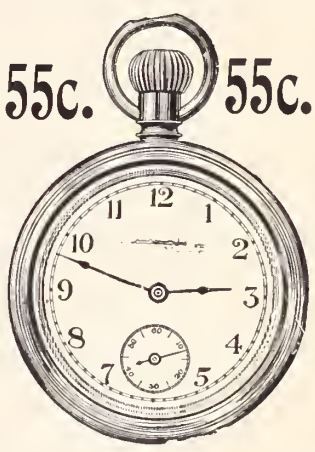
Write for our illustrated Bargain Catalogue No. 58, just off the press, mailed to the legitimate Jewelry Trade on application only.

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Wholesale Jewelers

176-178-180 E. Madison Street Chicago, Ill.

55c. 55c.



H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...55c
In lots of 50, each.....54½c

Nubian Oxidized—Same as above in black gun metal case, each 60c
In lots of 50, each 59c

H. & A. Special Gilt—Same as above in 14k gold plated case, each 60c
In lots of 50, each 59c

The ST. JAMES

Corner Walnut and Thirteenth Streets
PHILADELPHIA, PA.

The Ideal Hotel of Philadelphia

European Plan EUGENE G. MILLER, Mgr.

SOHN and HYMAN

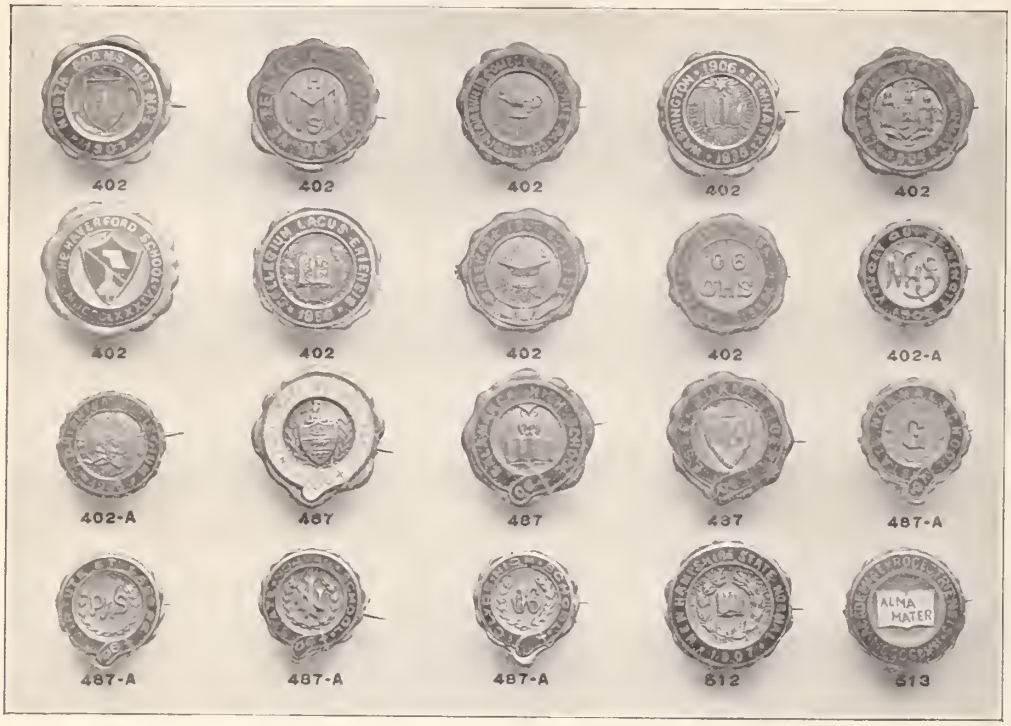
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47 and 49 Maiden Lane, NEW YORK

Jewelers! School Seals are Popular.



Seals are very popular, and we show here only a few of the many made for the different schools last year.

For a State School or University no pin would be more appropriate than one with the Coat of Arms of the State in the center. If the school has no official seal, let us make a pin for you showing the characteristics of this design. If you do not care to have pin made in either of these ways, substitute the year and class initials and have the class motto in the circle.

We make seals in two sizes and three different ways, as you will see by the illustrations. Advise us regarding your wishes, stating quality and quantity desired, and we will be pleased to have prepared a colored sketch embodying your ideas, and forward with prices.

Send for our new catalog of Flag and Class pins. You can make more money handling Bastian's than any other. Special designs and estimates free of charge.

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SECOND EDITION
OVER 4000 MARKS

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Practical Course in Adjusting

By THEO. GRIBI.

COMPRISING

A review of the laws governing the motion of the balance and balance spring in watches and chronometers, and application of the principles deduced therefrom in the correction of variations of rate arising from want of isochronism, change of position and variation of temperature.

ELUCIDATED AND DEMONSTRATED

by original experimental researches in the actual problem, never before published, showing the causes that are operative in the variation of rate, and leading to correct remedies. To which have been added chapters on

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INDEX TO ADVERTISEMENTS.

Aikin-Lambert Co. 125
Allsopp & Allsopp 34
Alvin Mfg. Co. ..... Inside front cover
American Cuckoo Clock Co. 107
American Gem & Pearl Co. 64
American Platinum Works 125
American Ring Co. 42
American Silver Co. 21
Apollo Silver Co. 31
Arch Crown Mfg. Co. 70
Arnstein Bros. & Co. ..... Outside back cover
Ascheim, Jules 38
Austin, John, & Son ..... Outside back cover
Aztec Turquoise Co. 92
Bagg, Perine & Co. 60
Ball, Webb C., Watch Co. 76
Baschkopf, Jacob 128
Bassett Jewelry Co. 94
Bastian Bros. 86
Bates & Bacon 28
Bauman-Massa Jewelry Co. 65
Berge, J. & H. 127
Bigalke & Eckert Co. 74
Bigney, S. O., & Co. 4
Billings, Chester, & Son 56
Bing, Ferdinand, & Co.'s Successors. 116
Bishop, R. W. 94
Blackinton, R., & Co. 15
Blackinton, W. & S., Co. 24
Blancard & Co. 114
Boote, Edward 120
Borrelli & Vitelli 27
Bowden, J. B., & Co. 33
Bowler & Burdick Co. 106
Bradley Polytechnic Institute 107
Breitenbach, C. G., & Co. 84
Brower, Maurice 56
Bruhl Bros. & Henius Co. ..... Outside back cover
Bryant, M. B., & Co. 33
Buckley, Samuel, & Co. 30
Byron, Chas. B. 31
California Jewelry Co. 50
Carrington & Co. 34
Carter, Howe & Co. 35
Chatham National Bank 72
Chopard Frères 54
Cohen, Jules E. 62
Conley & Straight 125
Cooper Diamond Co. 56
Cooper & Forman 37
Cottle, S., Co. 36
Crohn, M. 31
Cross & Beguelin 43, 70
Crouch & Fitzgerald 122
Day, Clark & Co. 36
Deacon, Louis J. 54
Depasse Mfg. Co. 30
De Selms Watch School 105
Diamond Point Pen Co. 125
Didisheim, Hipp. & Bro. 105
Dounelly, J. J. 125
Doran, Bagnall & Co. 40
Dorflinger, C., & Sons 118
Dubois Watch Case Co. 105
Duffner & Kimberly Co. 123
Dulk, Robert 30
Durand & Co. 34
Durgin, Wm. B., Co. 30
Eden, C. H., Co. 123
Eichberg & Co. 62
Eisenmann Bros. 58
Elgin National Watch Co. 98
Eliassof Bros. & Co. 120
E. P. H. Chain Catch 39
Eppenstein, L. A., & Co. 82
Excelsior Watch 100
Fahys, Joseph, & Co. 1
Fairchild & Co. 125
Feeley, W. J., Co. 42
Forman Co. 124
Forsinger, J. W. 103
Foster, Theodore W., & Bro. Co. 44
Freund, Henry, & Bro. 29
Friedlander, R., L. & M. ..... Outside back cover
Garreand & Griser 54
Gesswein, F. W., Co. 114
Goldsmith, C. P., & Co. 27
Goodfriend Bros. 62
Gorham Co. 68
Greene, Wm. C., Co. 42
Griffoul, August 114
Grnen, D., Sons & Co. 80
Guardian Trust Co. 72
Guerin, Wm., & Co. 122
Hagstoz, T. B., Ltd. 125
Hamiltou & Hamilton, Jr. 9
Hammel, Riglander & Co. 128
Hand, J. L. 92
Hanson & Van Winkle Co. 126
Harris & Harriugton ..... Outside back cover
Hasselbriug, John 94
Hedges, A. J., & Co. 34
Hedges, Wm. S., & Co. 58
Heintz Bros. 22
Heller, L., & Son 52
Herpers Bros. 114
Hirsh & Hyman ..... Outside back cover
Hodenpyl & Walker 52
Hoe's, James C., Sons 127
Holsman & Alter 85
Holtzer-Cabot Electric Co. 127
Honesdale Decorating Co. 118
Hotel St. James 85
Hraha, Louis W. 38
Humphrey, John B., Co. 58
Hutchison & Huestis 42
Illinois Watch Co. 8
International Gem Co. 54
International Silver Co. 16, 18, 19, 66
Jacot Music Box Co. 118
Jeandheur, F., Jr. 114
Jeanne, Frederick A. 62
Jewelers' League 37
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 76
Juergensen, Jules 106
Kahn, L. & M., & Co. ..... Outside back cover
Kassel, Abe 124
Kaufman, Louis, & Co. 58
Keck, Herman, Mfg. Co. 76
Keller Jewelry Mfg. Co. 12
Kent & Woodland 37
Keppler, George 90
Ketcham & McDougall 94
Klipper Bros. 106
Kohlbusch, Herman, Sr. 40
Kohn, Alois, & Co. 38
Kohn & Co. 39
Koshland & Italie Co. 92
Lackner & Ohl 124
Langendorf Watch Co. 102
Larter & Sons 46
Lederer, S. & B., Co. 40, 42
Lelong, L., & Bro. ..... Outside back cover
Leon Watch Case Co. 104
Levy, Robert 20
Lewy & Cohen 39
Libbey Glass Co. 118
Lisner, D., & Co. 29
Lissauer & Co. 54
Loeh, Wm., & Co. 42
Lorsch, Albert, & Co. ..... Outside back cover
Lowe, Edwin, & Co., Inc. 43
Luthy & Hine 35
Lyons Gem Co. 52
Maebert & Reiss 105
Maple City Glass Co. 118
Market & Fulton National Bank 72
Martin, S. 114
Mathey Bros., Mathez & Co. 124
Mercantile National Bauk 73
Meriden Britannia Co. 66
Meyerowitz Bros. 54
Miller, Fuller & Whiting 43
Moe, Charles 124
Monroe, R. G., & Co. 58
Moore & Sons 32
Morgan, John, Sons 122
Mount & Woodhull 60
Myers, S. F., Co. 120
Nassau Bank 64
Neheling, Edmund R. 128
Nissen, Ludwig, & Co. 60
Noel, Rudolph, & Co. 76
Noterman, Jos., & Co. 50
Ohan, G. 105
Ohio Cut Glass Co. 85
Oliver Typewriter Co. 128
Ollendorff, I., Co. 90
Omega Watches 103
Oppenheimer Bros. & Veith 50
Oppenheimer, H. E., & Co. 50
Oriental Bank 72
Orkin Bros. 42
Osmun-Parker Mfg. Co. 34
Ostby & Barton Co. 33
Page-Davis Co. 107
Pairpoint Corporation 120
Parks Bros. & Rogers 26
Passmore Gem Co. 54
Patek, Philippe & Co. 102
Penfold, Wm. C., Co. 104
Percival, D. C., & Co. 74
Pitcairn, W. S. 120
Potter & Buffinton Co. 41
Power, Chas. L., & Co. 58
Price, Cyrus, & Co. 52
Prior, Charles M. 30
Pryibil, P. 127
Pryor Novelty Co. 32
Racine, Jules 102
Reichhelm, E. P., & Co. 114
Renziehausen, W. F., Co. 125
Revell, A. H., & Co. ..... Outside back cover
Rice's, Bernard, Sons 31
Richardson, Enos, & Co. 35
Ries & Armstrong 105
Riviere Brass & Bronze Works 122
Robert, Edmund E. 102
Rockford Silver Plate Co. 84
Rockford Watch Co. 106
Roger Williams Silver Co. 30
Rohrbeck, Johu E. 37
Roseman, A. 52
Ross, Saltman & Anderson 32
Rothschild Bros. & Co. 38
Roy Watch Case Co. 105
Rudolph & Snedeker 106
Rumpp, C. F., & Sons 122
Sadler, F. H., Co. 41
Saunders, Meurer & Co. 58
Scharling & Co. 31
Schiff, M. 34
Schultz, Leiss & Co. 37
Scofield & De Wyngaert 36
Sessions Clock Co. 107
Seymour, Cassins W. 38
Shiman Bros. & Co. 78
Simmons, R. F., Co. 23
Simpson, Hall, Miller & Co. 18, 19
Smith, Alfred H., & Co. 48
Smith, Frank W., Co. 17
Snow & Westcott 35
Sohn & Hyman 85
Solidarity Watch Case Co. 43
Spencer, E. L., Co. 40
Staninger, E. E. 31
State Bank 72
Steiner, Louis 92
Stern Bros. & Co. ..... 62, Inside back cover
Sternau, S., & Co. 26
St. Louis Watchmaking School 106
Strauss, Iguaz, & Co. ..... 124, Outside back cover
Street, Geo. O., & Sons 39
Snssfeld, Lorsch & Co. 107
Swartchild & Co. 80
Tavannes Watch Co. 94
Thomas, Seth, Clock Co. 106
Trenton Watch Co. 104
Trout, Chas. L., & Co. 37
Tuska, A. L. 120
Van Dam, Eduard 56
Van Pelt, T. B. 122
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 36
Waite-Thresher Co. 25
Waltham Watch Co. 96
Washburn, C. Irving 120
Weizenegger Bros. 30
Wells, Chester H. 122
Wendell & Co. 5
Western Clock Mfg. Co. 104
Wheeler, Hayden W., & Co. 50
Whiting & Davis 28
Whiting Mfg. Co. 13
Wodiska, Julius 32
Wolfsheim & Sachs 126
Wood, C. F., & Co. ..... Outside back cover
Wood, J. R., & Sons 2, 3
Woodside Sterling Co. 14

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In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

YOUNG LADY desires position in jewelry office; five years' experience. Address "R., 7909," care Jewelers' Circular-Weekly.

POSITION as watchmaker, engraver, optician and salesman; salary not less than $20 per week. "T., 7899," care Jewelers' Circular-Weekly.

POSITION WANTED as assistant engraver, to finish trade; would like to learn jewelry business. Address I. Worken, 234 E. 98th St., New York.

YOUNG LADY wants position in jewelry house; thoroughly experienced; at present employed. Address "C. W., 7888," care Jewelers' Circular-Weekly.

YOUNG MAN, 23, wishes position with wholesale house; seven years' experience; best references. Address "K. R., 7919," care Jewelers' Circular-Weekly.

A YOUNG MAN, thoroughly experienced on fine jewelry coloring and polishing, wishes position. Address "W. T., 7911," care Jewelers' Circular-Weekly.

POSITION desired by young lady, as engraver, to wait on trade, etc., in wholesale or retail house. "Either, 7772," care Jewelers' Circular-Weekly.

YOUNG MAN, 20, desires a position in a wholesale silver house; can furnish the best of references. Address "Y., 7905," care Jewelers' Circular-Weekly.

FIRST CLASS engraver wishes a position with some good watchmaker, to finish trade; Ohio preferred. Address "K. P., 7881," care Jewelers' Circular-Weekly.

YOUNG MAN (21), desires position in wholesale diamond or jewelry house; has office experience and highest references. "Box 7910," care Jewelers' Circular-Weekly.

YOUNG MAN, 21, desires permanent position in an office of wholesale jewelry house; good penman and reference. Address "W., 7902," care Jewelers' Circular-Weekly.

WANTED, a position as engraver, bookkeeper, cashier and saleslady; good references; terms reasonable. Address "Enquirer, 5877," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing jeweler, of business ability, wishes position as foreman or assistant foreman of factory; references. Address "Ability, 7840," care Jewelers' Circular-Weekly.

YOUNG MAN, now employed in office of a large manufacturing concern, desires to make a change; three years' experience as salesman. Address "W. G., 7920," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

SALESMAN and window trimmer is open for a position in a first class retail jewelry store; can furnish best of reference; middle States preferred. Address "Ability, 7871," care Jewelers' Circular-Weekly.

SITUATION WANTED, in a western city (Detroit preferred), by a young lady to take charge of store, or as engraver and saleslady; for further information address Dan. I. Murray, 3 Maiden Lane, New York.

YOUNG MAN, age 19, just finished at Philadelphia College of Horology; can do clock and watch work; fine engraver; graduate optician; good habits and good reference. Address John B. McBain, Middleburgh, Schoharie Co., N. Y.

ALL AROUND MAN, of 40 years, watchmaker, jeweler, optician and salesman, wants a position as salesman and optician; willing to help in all branches; New York or Detroit, Mich., preferred. Address "N., 7873," care Jewelers' Circular-Weekly.

SALESMAN, 20 years' experience with jobbing trade, also large acquaintance with retail trade, desires to make change Jan. 1; would invest $10,000 to $20,000 in business with right party. Address "S. F., 7867," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN wishes to make change Jan. 1, or earlier; thoroughly understands both jewelry and silverware lines; manufacturers' line preferred; is a capable and hard worker; correspondence invited. "X. Y. Z., 7895," care Jewelers' Circular-Weekly.

WANTED, by a young man of ability and good address, a position to represent a first class jewelry house on the road; am thoroughly acquainted with both 10-K. and 14-K. lines; have no road experience, but am confident I can sell goods. Address "G., 7868," care Jewelers' Circular-Weekly.

ACTIVE, competent and reliable man, with long experience in the watch, jewelry, optical goods and watch material business (wholesale and retail), desires a suitable position in any of these branches with a reputable firm; best of references given. Address "G. A., 7915," care Jewelers' Circular-Weekly.

HIGHEST GRADE watchmaker, on railroad, Swiss, English, American chronographs and repeaters; optician, fair engraver and jeweler; age 34; American; good appearance; no bad habits; can take full charge; have all tools, etc.; nothing but first class need apply. Address "C. S., 7894," care Jewelers' Circular-Weekly.

A POSITION as manager of jewelry, watch and silver house (or departments), by an experienced merchant jeweler, who has mechanical and technical knowledge in every branch of the business; can determine present and advertise house insuring continuous growth and prestige; address by letter. "C. H. D.," care Mr. Lee Wiltse, 96 Maiden Lane, New York.

SALESMAN of experience, well acquainted with the large buyers as well as the general trade east of Chicago, wishes to connect with a manufacturer; at present employed; good reasons for desiring change; would consider offer for this season or Jan. 1; A1 references; straight salary or salary and commission. Address "H., 7693," care Jewelers' Circular-Weekly.

A THOROUGHLY practical and competent watchmaker, of 24 years' experience, desires to change position, near New York State, with a first class retail firm; good light; competent to take full charge of repair department; expert in watch repairs; experienced on railroad and complicated work; graduate and practical optician for nine years; good jeweler and engraver; salary, $25 to $30; best references. "J., 7932," care Jewelers' Circular-Weekly.

SALESMAN, for the past 10 years with prominent Chicago retail jewelry house, who is thoroughly familiar with jewelry, silver and diamond lines, and all the details of the jewelry business, desires to make a change; desires a position as buyer, or will represent a good jewelry or silverware manufacturer or diamond house, either in America or Europe, where he has a wide acquaintance with the leading jewelers; highest references on request. Address "S. H., 7886," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

Side Lines Wanted.

WANTED, a side line or sole eastern agency for good line, at once. "Experienced, 7882," care Jewelers' Circular-Weekly.

SIDE LINE of mounted combs, for retail jewelry trade; west. "Manufacturer, 7934," care Jewelers' Circular-Weekly.

EXPERIENCED, successful salesman, at present actively engaged, intending to change, desires to represent now or Jan. 1, two good lines in New York City, vicinity and larger New England towns; highest references; silverware, jewelry, cut glass and deposit ware considered. "Reliable," 7916," care Jewelers' Circular-Weekly.

Help Wanted.

WANTED, at once, man to do clock and jewelry repairing; permanent position. John Leith, Bay City, Mich.

WANTED, engraver; only first class, all around man need apply. Thomas D. Gard & Co., Worcester, Mass.

WANTED, a first class watchmaker. Apply to Hartdegen & Co., Broad and West Park Sts., Newark, N. J.

WATCHMAKER, capable of doing railroad work and engraving; $18 to start. W. H. H. Needy, Hagerstown, Md.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, first class engraver, clock repairer and window trimmer; good pay. Address W. J. Gamm, Madison, Wis.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, a man who understands repairing jewelry and French and American clocks. R. E. Greene, Summit, N. J.

WANTED, watch material man, to fill orders; state experience. Address L. H. K. & Co., 64 Nassau St., New York.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

WANTED, a bright young man as salesman by New York City retailer. Address "R. S., 7887," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver, for permanent position, at once; give full particulars in first letter. James Mix, Albany, N. Y.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, a young man for office position; application must be made in writing. Krementz & Co., 49 Chestnut St., Newark, N. J.

WANTED, a first class jeweler; one experienced in stone setting, manufacturing and repairing. Thomas D. Gard & Co., Worcester, Mass.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

WANTED, first class gold engraver; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, assistant watchmaker and clock repairer; good steady position to right party. A. Walter's Sons, 155 Newark Ave., Jersey City, N. J.

WANTED, a man with some capital, acquainted with the trade that uses fine mountings. Address "Moderate, 7785," care Jewelers' Circular-Weekly.

WANTED, by a first class watchmaker, engraver and jeweler, by a retail jewelry house in Rockford, Ill. Address "X., 7935," care Jewelers' Circular-Weekly.

WANTED, at once, watchmaker and engraver; must have good reference; send copy of reference when answering. J. W. Jones, Mt. Sterling, Ky.

WANTED, AT ONCE, first class watchmaker, who can engrave; good wages and permanent position to the right man. J. H. Thomas, Bristol, Tenn.

CLOCKMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WATCHMAKER of experience; good, steady position to a good workman; references required. Address "New York, 7896," care Jewelers' Circular-Weekly.

AT ONCE, first class watchmaker and salesman; permanent position; give age, references and salary expected in first letter. J. L. Wolff, Paducah, Ky.

HELP WANTED.—Continued.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Ala.

WANTED, at once, young man with some experience in the jewelry line; steady position; must have references. Schwartz Bros., 1368 Broadway, New York.

WANTED, a reliable jeweler who can set stones, to work in a private studio; best references required. Address "W. A., 7878," care Jewelers' Circular-Weekly.

WANTED, optician and engraver; one who can do watch work and jobbing; optical outfit furnished. Address "W. M., 7892," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WANTED, first-class script, old English and monogram engraver; good jewelry repairer and stone setter; will pay $25 a week. Box 614, Wheeling, W. Va.

WANTED, a first class jeweler and engraver; permanent position; send reference and state salary in first letter. G. W. Meyer Jewelry Co., Chattanooga, Tenn.

WATCHMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WANTED, a good jeweler, one capable of doing job, new work and stone setting; good, steady position to right party. "B. T., 7654," care Jewelers' Circular-Weekly.

ENGRAVER, one who understands jewelry repairing; $20 per week and permanent position to good hand. Address "Virginia, 7614," care Jewelers' Circular-Weekly.

WATCHMAKER and engraver; references required; permanent position; must be able to wait on trade; wages, $18 per week. W. F. Kaiser, Brownsville, Pa.

WANTED, first class watchmaker and engraver; good wages and steady position to right party; state wages expected and give references. Reid & Todd, Bridgeport, Conn.

FIRST CLASS salesman wanted for cut glass line; one acquainted with trade in central States. Apply Taylor Bros. & Co., Inc., 3d and Cambridge Sts., Philadelphia, Pa.

WANTED, a young man who understands the jewelry business and can repair jewelry and watches; apply immediately. Louis Hooge, Jeweler, 334 Main St., Paris, Ky.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

ENGRAVER and jeweler, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WANTED, first class watchmaker with complete outfit of tools for permanent position, at once. Address The Webb C. Ball Watch Co., Superior and Seneca Sts., Cleveland, O.

WANTED, strictly first class watchmaker, engraver and salesman; high salary; permanent position; send reference and sample of engraving. J. S. Pfeiffer, Parsons, Kans.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WANTED, at once, good watchmaker who can also do general store engraving; permanent position; reference and salary in first letter. Address O. H. Benoit, New Bedford, Mass.

WANTED, at once, first class watchmaker and engraver; steady position; state wages expected, and references. Address Lowell & Darrow, Wholesale Jewelers. Binghamton, N. Y.

SALESMAN for jewelry store; must thoroughly understand line; speak German; A1 references; steady position; good salary; hours, 8 to 6. Rosenbaum, 222 N. 8th St., Philadelphia, Pa.

WANTED, first class watchmaker and engraver; salary, $25 a week; permanent position; send samples of engraving and copy of reference in first letter. Address J. Levinski, Waco, Tex.

A FIRST CLASS watchmaker, jeweler and engraver; don't answer unless you are good all around workman, sober and honest; best references. Henry Taubman, St. Johnsville, N. Y.

AT ONCE, second watchmaker, who can do jewelry repairing; engraver preferred; salary, $15; references and photo; position permanent. "Roman, 7897," care Jewelers' Circular-Weekly.

WANTED, watchmaker and engraver, or good watchmaker; permanent position. G. K. Ware, Atlantic City, N. J.

WANTED, engraver; salary, $15 to start; permanent position for competent man; applicant will please send samples and reference. John M. Roberts & Son Co., 441 Market St., Pittsburg, Pa.

WANTED, a first class salesman, must be a man of good appearance, character and habits; best of references required; permanent position; state experience. Address Maier & Berkele, Atlanta, Ga.

WANTED, a first class watchmaker for American and Swiss watches; $25 per week and permanent position to good, clean workman; no tinkers need apply. Chris. Bernloehr & Bro., Indianapolis, Ind.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, at once, young man about store; age about 16 years; steady position; chance of advancement; must have reference and live with parents. Schwartz Bros., 1368 Broadway, New York.

FOR VIRGINIA, an assistant watchmaker; person of good address; one who can do some engraving preferred; permanent position; $15 per week. Address Room 711, 2 Maiden Lane, New York.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WANTED, in Alabama, a first class engraver and good jeweler; good salary and steady position to the right man; must have good reference. Address "C. T., 7768," care Jewelers' Circular-Weekly.

WATCHMAKER, engraver, optician; permanent position; bench in front window; town of 4,000; no better place to work; am no crank; will pay good wages. "P., 7930," care Jewelers' Circular-Weekly.

PERMANENT POSITION to watchmaker and engraver, at $16 a week; $17 to a hustler; in growing Montana city of 3,500 people; give reference. Apply "H. K., 7884," care Jewelers' Circular-Weekly.

WANTED, watchmaker and engraver for Oakland, Cal.; also jewelry and engraver for Denver, Colo.; permanent positions; good pay to capable men. Address Wm. Oppenheim, 929 16th St., Denver, Colo.

WANTED, salesman for Iowa; engagement for Jan. 1; good position for an experienced, A1 man, who knows this territory; address, giving full particulars. Otto Young & Co., Heyworth Bldg., Chicago, Ill.

WILLIAM WISE & SON, Jewelers, Flatbush Ave. and Fulton St., Brooklyn, want a young man of good address to learn the business; one living in Brooklyn, with best references. Call Thursday, after 9 A. M.

WATCHMAKER and engraver wanted, immediately, for permanent position, by Karl Lehmann & Sons, Natchez, Miss.; good position to the right man. Apply to Woodside Sterling Co., 192 Broadway, New York.

WANTED, first class jeweler and engraver on new and repair work; salary, $25 a week; large city in Texas; send samples of engraving and copy of reference in first letter. Address "T., 7802," care Jewelers' Circular-Weekly.

AT ONCE, until Jan. 1, 1907, strictly thorough watchmaker for close rating railroad watches; A1 salary; don't write, wire at our expense stating salary and when you can come; bench work only. J. W. Boone, Atlanta, Ga.

WANTED, a first class engraver and optician; must have the best of references; good salary and permanent situation for the right man; give full particulars in your letter. Address "S. B. S., 7885," care Jewelers' Circular-Weekly.

WANTED, at once, one jeweler and one engraver; must come well recommended; permanent positions and good salaries to right parties; state salary expected in first letter. Address "C., 7900," care Jewelers' Circular-Weekly.

WANTED, in first class store in Pittsburg, Pa., a young man to take charge of clock repairing; must have knowledge of French clocks and hall clocks; state experience. Address "X. Y. Z., 7818," care Jewelers' Circular-Weekly.

WATCHMAKER, wanted immediately; one who knows something about refraction preferred; state age, experience and wages expected to begin, in first letter; great chance of advancement. Address Jeweler, 84 Seneca St., Buffalo, N. Y.

AT ONCE, watchmaker and engraver; $25 per week; position permanent. Rundback Bros., 2196 3d Ave., New York.

WANTED, at once, a first class watchmaker; a man capable of waiting on trade; one who does stone setting; steady position to the right man; good wages; must have the highest references. Address "H. G. S., 7901," care Jewelers' Circular-Weekly.

WANTED, three young men who have had experience in repairing watches and clocks, who would like to learn more about watch repairing; answer with references, experience and wages expected. Address "T. A., 7866," care Jewelers' Circular-Weekly.

WANTED, two first class watch repairers; one for store and one for shop; answer with full particulars in first letter; references, wages and experience; a good place for honest workmen; permanent. Address "K., 7865," care Jewelers' Circular-Weekly.

WATCHMAKER WANTED; beautiful, healthy town near New York; rapid man and good salesman, between 28 and 40 years; expert on fine clocks; send references of two last employers; steady work to right party. Address "M., 7872," care Jewelers' Circular-Weekly.

WANTED, a good watchmaker who can engrave; a good position for a first class man; permanent; address with references, Sylvester Engle, Hazleton, Pa.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, first class, experienced watchmaker; good wages; permanent position; address with references and particulars. Henry Kohn & Sons, Drawer 45, Hartford, Conn.

WANTED; traveling salesman contemplating making a change Jan. 1, will do well to communicate with us, as we are going to increase our force; good opportunity and compensation for high class men who have made good elsewhere. Apply Otto Young & Co., Heyworth Bldg., Chicago, Ill.

ENGRAVERS, Abraham & Straus, Brooklyn, require several competent engravers on silverware and jewelry; good opportunity and liberal salary to right men; apply to Superintendent.

A BRIGHT, active and reliable young man as salesman in a retail jewelry store, in New York City; one who can repair watches preferred; permanent position assured. Benj. F. Spink, 9 Maiden Lane, New York.

WANTED, at once or Jan. 1, two road salesmen who can sell $40,000 and upward a year; write full particulars; amount of sales and territory traveled; to represent one of the largest jobbing houses in New York City; the largest and best line on the road; no watches; we want men who can earn a salary of $3,000 and upward. Address "Chance, 7655," care Jewelers' Circular-Weekly.

(Special Notices continued on page 90.)



A Prosperous Year is Certain.

All present indications point to the fact that jewelers everywhere will experience a busier and more prosperous year than the trade has ever known in the past. It is imperative that your stock shall be attractive with right goods at right prices, and we solicit your orders for the holidays. A card will bring any of the following gentlemen to you when in your vicinity.

"We cover the country"

From our New York Office:
H. OLLENDORFF
M. OLLENDORFF
H. GOLDSTEIN

From our Pittsburg Office:
W. S. BICKART
J. S. BICKART
W. E. PARISH
S. A. REUTTER

Special Southern Representative:
O. J. SOMERS.

I. OLLENDORFF CO.

JOBBERS IN
Watches, Diamonds and Jewelry

NEW YORK
54 Maiden Lane

PITTSBURG, PA.
Cor. Liberty Ave. & 6th St.

ESTABLISHED 1868.

Special Notices.

(*Continued from page 89.*)

HELP WANTED.—Continued.

WANTED, immediately, a young unmarried man who is a good engraver and fair at watchwork; must be capable of taking charge of holiday engraving; a sober, industrious, neat appearing young gentleman; a permanent position with increased salary if you are worthy of it; send reference, photograph and sample of engraving with application; write at once. J. I. Subers, Bainbridge, Ga.

JEWELER, Abraham & Straus, Brooklyn, require at once a thoroughly competent jeweler and diamond setter; must be familiar in all branches and details; an excellent opportunity with liberal salary; apply to Superintendent.

TRAVELER WANTED; first class traveler with established trade in New York and Pennsylvania, to sell a manufacturer's line of solid gold rings; for engagement January 1st next. Queen City Ring Mfg. Co., Buffalo, N. Y.

TRAVELING SALESMEN in the jewelry or kindred trades, to represent the Jewelers' League of New York, while on the road, as a side line; liberal commissions allowed; for full particulars call at the home office, 12 John St., New York.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

WANTED, a first class letter and monogram engraver and salesman; must be capable to do the work for a first class retail store; permanent position and good wages; send references and samples at once. Address, "Y. Z., 7917." care Jewelers' Circular-Weekly.

THIRTY-FIVE DOLLARS per week for head watchmaker; a thoroughly competent man on high grade and complicated work, who does not drink or gamble, can go to work at once, and have steady position in one of the finest stores and cities in the west; references and full particulars must accompany first letter. J. S. Lewis & Co., Ogden, Utah.



GEO. KEPPLER

Designer, Modeler and Die-Cutter

(MECHANICAL ENGRAVING)

Highest Art in Jewelry and Silver Novelties,
Figures, Portraits, Watch Case Decorations.
Fine Castings in Gold, Silver and Bronze.

Before placing your orders call on us, and look over our entirely new and extensive collection of designs and models.

201 East 16th Street NEW YORK

Business Opportunities.

FOR SALE, entire enamel painted jewelry line business; good running concern; owner retiring from business; bargain. Address, "M. A., 7862," care Jewelers' Circular-Weekly.

CASH PAID for entire jewelry stores and stocks; send us your surplus stock, and we will send you a check by return mail; if our offer is unsatisfactory we return your goods; we act quickly and strictly confidential. Jos. Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

For Sale.

PERFECT 4½ carat diamond, slightly off color, will spread; will send subject to examination; price, $450; or will exchange for smaller stones. T. H. Lyon, 503 Main St., Little Rock, Ark.

TYPEWRITER; New Century No. 6, in first class condition; used only a short time; it's a snap for anyone needing a typewriter; can be seen in Room 53, 11 John St., New York.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, an exceptionally desirable small office, with fine north light; seventh floor; 7 Maiden Lane. Inquire W. W. Young & Co., Room 74, 7 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7877," care Jewelers' Circular-Weekly.

Reward.

I WILL PAY $20 reward for a solid gold hunting case that was taken from my watch rack; solid gold hunting case, key wind, engine turn, and engraving almost worn off; No. 7934; about 16 size. J. W. Jones, Mt. Sterling, Ky.

Miscellaneous.

WANTED, to open salesroom and represent a reliable manufacturing concern in Cincinnati and surrounding territory, Jan. 1, 1907; prefer a line suitable for jewelry and department store trade. Address "C., 7928," care Jewelers' Circular-Weekly.

TO LET.

Three Desirable Light Lofts

At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

PATENT DEPARTMENT

[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF OCT. 2, 1906.

832,216. COLLAR-BUTTON. JOHN W. SHULTS, Wichita, Kans. Filed April 27, 1905. Serial No. 257,695.

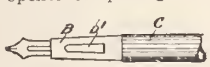
A device of the class described comprising an elongated flexible plate having its central portion bowed outwardly to present an intermediate bearing-surface and its opposite ends rounded and deflected laterally toward the bearing-surface, a



shank extending laterally on each side of the plate at the bowed portion thereof and provided with terminal heads, and hooks depending from the lower longitudinal edge of the plate and having their bills spaced from the plate and disposed midway between the bearing-surface and the opposite ends of the said plate.

832,239. OPENER FOR FOUNTAIN AND SIMILAR PENS. ALBERT F. COLE, Kidderminster, England. Filed May 8, 1905. Serial No. 259,363.

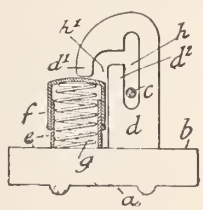
A pen of the class described provided with a stopper having an irregular surface in cross-section and an opener comprising a band or ring de-



tachably mounted on said stopper and provided with a corresponding internal irregular surface whereby the stopper may be turned.

832,246. BROOCH AND OTHER PIN FASTENING. AGNES EDMOND, Dunedin, New Zealand. Filed March 26, 1906. Serial No. 308,078.

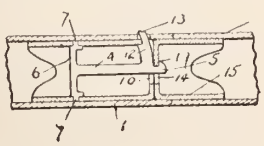
In fastenings of the kind indicated, a brooch having mounted movably thereon a pin, a post having a cap under upward spring-pressure, a plate



arranged to one side of the post and having a circuitous recess so placed that the pin must be moved angularly to be inserted, and having an arm overhanging the cap against which the said cap is pressed closing the gap leading to the recess.

832,352. CATCH FOR BRACELETS. NILS C. WALLENTHIN, Providence, R. I., assignor to J. M. Fisher & Co. Filed Sept. 7, 1905. Serial No. 277,370.

A catch for a tubular bracelet, said catch being



stamped from sheet metal having a comparatively long and slender spring-shank with a hook at one end, an operating-arm formed integral with said shank and extending out at substantially right angles therefrom through the wall of said bracelet, and supporting-arms also integral with said shank arranged to extend in opposite directions at substantially right angles to he shank by which said shank and hook are supported in the center of the tubing.

832,489. EYEGLASSES. DE WITT E. LEWIS, Bennington, Vt. Filed June 21, 1905. Serial No. 266,311.

In an eyeglass, the combination with the lenses thereof, of a bridge formed from a single resilient member bent to provide a single loop having the ends thereof disposed downwardly and outwardly in reverse directions and crossed over each other, the ends of the member being then bent inwardly



and formed to provide auxiliary loops, and thence bent upwardly and downwardly to form small attaching-loops, after which the ends are bent downward and rearward and upward, nose-guards secured to said upward-bent portions of the member, posts secured to the lenses, and means passing through the posts and engaging the small attaching-loops.

DESIGNS.

38,257. BADGE. JUNIUS P. WHITNEY, Tyler,



Tex. Filed Aug. 16, 1906. Serial No. 330,932. Term of patent 14 years.

38,258. SPOON OR FORK. VICTOR FRESINGER,



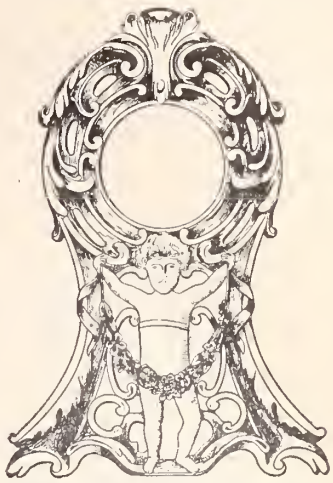
Atlantic City, N. J. Filed Aug. 16, 1906. Serial No. 330,933. Term of patent 7 years.

38,259. CANDLESTICK. LOUIS W. RICE, New



York. Filed Aug. 17, 1906. Serial No. 331,092. Term of patent 7 years.

38,260. CLOCK-FRAME. JULES E. ROINE, New York, assignor to the Western Clock Mfg. Co., La Salle, Ill. Filed Aug. 17, 1906. Serial



No. 331,093. Term of patent 7 years.

38,261. CLOCK-FRAME. JULES E. ROINE, New York, assignor to the Western Clock Mfg.



Co., La Salle, Ill. Filed Aug. 18, 1906. Serial No. 331,210. Term of patent 7 years.

38,262. CLOCK-FRAME. ALFREO G. KOLLSTEOE, New York, assignor to the Western Clock



Mfg. Co., La Salle, Ill. Filed Aug. 17, 1906. Serial No. 331,095. Term of patent 3½ years.

38,263. CLOCK-FRAME. ALFRED G. KOLLSTEDE,



New York, assignor to the Western Clock

Koshland & Italie Co.

702 Chestnut Street, PHILADELPHIA, PA.

"BROOKLYN BRISTOL"

DO YOU KNOW that you can buy this 14-K., 25-year, hand-engraved, filled case, with solid gold bow for the same figure you are paying for a 10-K. 20-year case?

Send for Samples.

Diamonds, Watches and Jewelry



FANS

Headquarters for the most exclusive line in this country.

SPECIALLY DESIGNED FOR THE FINE JEWELRY TRADE

NECKLACES

Imitation Pearl and Fancy Bead, in all newest shades and exquisite colorings. Write for Samples, mentioning price.

LOUIS STEINER, Importer, 520 & 522 Broadway NEW YORK

AZTEC TURQUOISES

TRADE-MARK. TRADE-MARK.

Mines: MINERAL PARK, ARIZONA.

Of true CERULEAN BLUE, the rarest and most fashionable shade. Turquoises bearing Company's trade-mark are GUARANTEED. A new Turquoise will be given without question to replace any that discolors. The leading Jewelers of the World sell AZTEC TURQUOISES.

THE AZTEC TURQUOISE COMPANY,

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THE

JEWELERS' AUCTIONEER

14 Maiden Lane, New York

Telephone, 1624 Cortlandt



¶ Many men advertise that they are the leaders of auctioneers. Printer's ink is purchasable and the auctioneer with little ability might advertise himself to be the best in the World.

¶ The results of sales conducted by me cannot be excelled by any auctioneer or pair of auctioneers, and do not ruin your future business.

¶ Write me and I will give you some valuable advice and prove my ability by hundreds of recommendations from Jewelers who have profited by a

"HAND AUCTION."

Endorsed by the Press and Trade.

Mfg. Co., La Salle, Ill. Filed Aug. 18, 1906. Serial No. 331,211. Term of patent 3½ years.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED OCT 2, 1906.

Ser. No. **2,906.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) NEWARK WATCH CASE MATERIAL CO., Newark, N. J. Filed April 24, 1905.

AJAX

Particular description of goods.—Watch-insulators.

Ser. No. **11,404.** (CLASS 59. HOROLOGICAL INSTRUMENTS..) MERMOD, JACCARD & KING JEWELRY CO., St. Louis, Mo. Filed Aug. 7, 1905. Used 10 years.

JACCARD'S

Particular description of goods.—Watches and clocks.

Ser. No. **12,178.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed Sept. 2, 1905. Used 10 years.

STANDARD

Particular description of goods.—Watches.

Ser. No. **12,179.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed Sept. 2, 1905. Used 10 years.

STANDARD

Particular description of goods.—Watches.

Ser. No. **12,180.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed Sept. 2, 1905. Used 10 years.

STANDARD

Particular description of goods.—Watches.

Ser. No. **12,181.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed Sept. 2, 1905. Used 10 years.

OFFICIAL RR STANDARD

Particular description of goods.—Watches.

Ser. No. **13,906.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) WEBSTER C. BALL, Cleveland, O. Filed Oct. 24, 1905.

QUEEN

Particular description of goods.—Watches.

Ser. No. **18,397.** (CLASS 70. STATIONERY NOT OTHERWISE CLASSIFIED.) PARKER PEN CO., Janesville, Wis. Filed March 31, 1906. Used 10 years.

PARKER

Particular description of goods.—Fountain-pens.

Ser. No. **18,579.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) LANDERS, FRARY & CLARK, New Britain, Conn. Filed April 6, 1906.

ANVIL BRAND

Particular description of goods.—Table and carving knives.

Ser. No. **18,582.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) LANDERS, FRARY & CLARK, New Britain, Conn. Filed April 6, 1906. Used 10 years.

LANDERS, FRARY & CLARK
CUTLERS TO THE AMERICAN PEOPLE

Particular description of goods.—All kinds of table-cutlery, pocket-knives and analogous knives for household use.

TRADE-MARKS REGISTERED OCT. 2, 1906.

56,499. SILVER AND SILVER-PLATED HOLLOW AND FLAT WARE. KOECHLIN & ENGELHARDT, Newark, N. J.
Filed Jan. 19, 1906. Serial No. 16,443. Published May 29, 1906.

56,500. CUT-GLASS ARTICLES AND ELECTRIC-LIGHT GLOBES. THE LIBBEY GLASS CO., Toledo, O.
Filed May 18, 1905. Serial No. 6,027. Published Aug. 7, 1906.

56,502. SPECTACLE AND EYEGLASS FRAMES AND MOUNTINGS. MERRY OPTICAL CO., Kansas City, Mo.
Filed May 15, 1905. Serial No. 5,758. Published June 5, 1906.

56,503. SPECTACLE AND EYEGLASS FRAMES AND MOUNTINGS. MERRY OPTICAL CO., Kansas City, Mo.
Filed May 15, 1905. Serial No. 5,762. Published June 19, 1906.

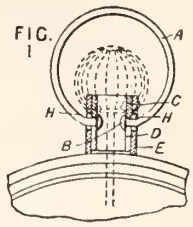
M. J. Kennedy, Schenectady, N. Y., called in a police officer one day recently after having missed two diamond rings from a tray which he had been displaying to a man and woman who had entered his establishment ostensibly to purchase a diamond. A search of the couple failed to uncover the missing gems. No arrests were made.

BRITISH PATENTS.

(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

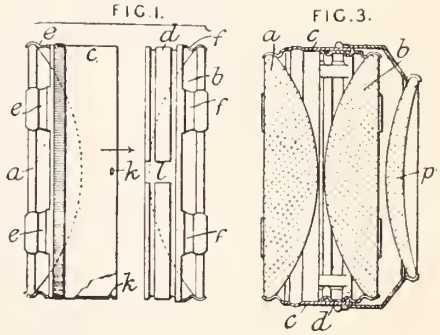
ISSUE OF SEPT. 26, 1906.

10,785. WATCHES. F. GARNER, York. May 23.
Bows, Pendants.—The bow A, having riveted ends B or reduced necks, is passed through apertures H in the pendant E, and secured by means



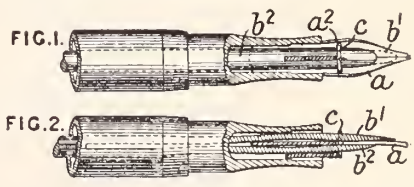
of an internal cylindrical sleeve C having side slots D adapted to fit over and engage the reduced portions or necks of the bow.

10,799. OPTICAL PROJECTION APPARATUS. J. F. BROCKLISS, London, W. C.—(Soc. Romanet et Guilbert, 118 Quai de Jemmapes, Paris.) May 23.
To allow of free expansion and contraction of the condensing-lenses of an optical lantern, and to allow of ventilation of the space between them, the lenses are held in spring claws projecting from



a cylinder or cylinders, spaces being left between the edges of the lense and the ends of the cylinders. Fig. 1 shows two lenses *a*, *b* held by spring claws *e*, *f* on two cylinders *c*, *d* adapted to be slid one into the other and locked together by projections *k* and slots *l*. Fig. 3 shows three lenses *a*, *b*, *p* held by spring claws on three cylinders connected together by bayonet joints.

10,836. FOUNTAIN PENS. G. W. HUGHES, Birmingham. May 24.
In fountain pens having an ink-feeding bar on each side of the nib, means are provided for holding the feeding-bars in contact with the nib in order to ensure an efficient supply of ink. Two holes a^2 are formed in the nib *a*, one on each side of the feeding-bars, and through these and round the feeding-bars b^1, b^2 is passed a fine wire *c*. The ends of the wire, which project from the concave face of the nib, are twisted together and the



twisted part is caused to lie along the feeding-bar b^2. The ends of the wire may be cut off short and secured together by soldering. The wire may be replaced by a narrow band of thin sheet metal, the ends of which are folded or otherwise secured together. In a modification, the feeding-bars are fixed to the nib by means of a rivet. The Provisional Specification states also that the twisted ends of the wire *c* may be riveted to the tubular body of the pen.

11,044. HAIR-PINS. J. BROWN and H. N. BROWN, Peterborough. May 26.
The two limbs are pinched in about the middle

EVERYTHING IN LOCKETS AND CHAINS.

THE BASSETT JEWELRY CO.,

PROVIDENCE, R. I.



It's the Little Things that count.

The dainty little things that appeal at once to the casual observer. If it's useful, as well as ornamental, so much the better. Here is a LITTLE THING, so very useful and so pretty in design and finish, that you have but to show one to make a sale, and it yields a BIG PROFIT. It is called

The Automatic Eye-Glass Holder

Can be used as well for a Pencil Holder. It is made in Enamel, Gold, Silver and Rolled Plate, in a variety of artistic designs. We fully guarantee every Holder. We mean it, and will replace any Holder that fails to satisfy. Samples sent upon request. Send for catalogue.



Est. 1832. **Ketcham & McDougall,** Manufacturers,
37-39 MAIDEN LANE, NEW YORK.
Also Makers of the Leading Line of Thimbles.

Practical Course in Adjusting. Published Price, $2.50. Special Reduced Price, $1.50. All jobbers, or Jewelers' Circular Publishing Co.



BOTTLE OPENERS

Pat. Aug. 14, 1906

This illustration represents one of our many hundred designs in Buckhorn, Ivory, Ebony, Heavy Silver Mounted and Solid Silver, Etched and Engraved.
The opener itself is made of the best forged steel, and nothing can excel it in quality and beauty. Excellent sellers for the jewelry trade. Opens the bottle in four different ways.

SEND FOR CATALOGUE

JOHN HASSELBRING
Manufacturing Silversmith
111-113 Himrod Street, BROOKLYN, N. Y.

PATENTS

obtained on inventions and designs. Trade-marks, prints and labels registered.

R. W. BISHOP,
ATTORNEY AT LAW,
908 G Street N.W., Washington, D. C

TRADE-MARKS
OF THE
JEWELRY and KINDRED TRADES,

PRICE $3.00.

THE JEWELERS' CIRCULAR PUB. CO.,
11 John St., Cor. Broadway, New York

QUALITY COUNTS

The Increasing Sale of - - - - TAVANNES WATCHES

Proves their worth as timekeepers



FULLY GUARANTEED
For sale through the jobbing trade



TAVANNES WATCH CO.
2 & 4 Maiden Lane, New York.

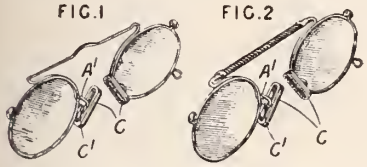
forming a waist B above which is an approximately trinagular recess formed by the sloping



sides C and the shoulders *c*. The end D is narrow to form a handle.

11,130. EYEGLASSES. G. E. Druiff, London, E. C. May 27.

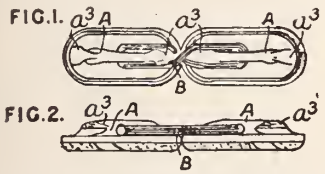
The ends of the hridge are curved round the lens frames as shown, and soldered to them, being



also bent to form pivots to receive sleeves C^1 on the plaquets C, which are retained in place by the parts A^1 which are bent back.

11,149. SLEEVE-LINKS. W. Pearce, Warwickshire. May 29.

In sleeve-links provided with ridges in the buttons which engage with or snap into the connecting-links to render the links rigid for insertion,



these ridges are made broader towards the ends, which are undercut. The bar A is formed with broad undercut ends a^3 to receive the connection B, which is connected at the middle of the bridges and has open ends so that it can be snapped into the undercuts in either link independently of the other.

11,200. REFRACTOMETERS. S. D. Chalmers, Clerkenwell, London, E. C. May 29.

Relates to a method of and apparatus for determining the refractive indices of the glass of which a lens is made and hence also its dispersive power. For this purpose, the lens, of which the curvatures are known, has its focal power determined when



immersed in a liquid of about its own refractive power. From the data thus obtained and the known index of the liquid the index required is calculated. Conversely, the index of the glass being known, that of the liquid may be determined. The figure shows one form of the apparatus which may be used. The liquid for the immersion of the lens is placed in a prismatic trough *a* mounted in front of a telescope *b*, *d*, in the eyepiece of which a spectroscope slit is fixed and illuminated from the side. The parallel beam from the telescope, after being refracted by the prism *a*, is reflected back again by the mirror *c* to form a spectrum in the focal plane of the eye-piece *b*. The appartus thus forms an auto-collimating spectroscope.

Complete specifications accepted Sept. 12, 1906.

1905.

18,278. TEA AND COFFEE POTS. Cochrane.

26,046. ELECTRIC CLOCKS. Hubert.

1906.

9,356. DIAL. Laine.

Applications filed Sept. 3 *to Sept.* 8, 1906.

19,568. LORGNETTE. Thomas Bloor, Birmingham.

19,581. FOUNTAIN-PEN. Alexander Munro, Birmingham.

19,604. HAIR-BRUSH, HAND-MIRROR, ETC. Sydney Hewitt and W. T. Connor, Birmingham.

19,613. EYEGLASS-FRAMES. August Schlottgen, London. Complete specification.

19,752. TEA OR COFFEE POTS. Francis Marshall, Keighley.

19,832. HAT PIN. E. T. Truman, Birmingham.

19,836. COLLAR SUPPORT. D. L. Salzedo, London.

19,839. COLLAR BUTTON. Christopher Southall, Birmingham.

19,855. WATCH PROTECTOR. Franz Krawczyk, London. Complete specification.

19,890. SALT-CELLAR. Edward Reynolds, Market Harboro.

19,909. COMB. Frederic Parkinson, Leicester.

19,947. SPOON. N. G. Kapp, London.

19,987. BROOCHES, BRACELETS, RINGS, ETC. W. G. Griffith, Birmingham.

19,991. SAFETY PINS, BROOCH PINS, ETC. C. N. Ashburnham, London. Complete specification.

20,008. SCARF SLIDES, BROOCHES, ETC. F. F. Empson, London.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Sept. 24, 1889.

411,420. WATCH CASE PENDANT. W. W. Bradley, Newport, Ky., assignor to J. C. Dueber, same place.

411,445 and **411,446.** CATCHES FOR BAGS, ETC. R. C. Jenkinson, Newark, N. J.

411,457. BUCKLE. A. H. Lemen, Fenton, Mich., assignor of one-half to W. W. Millard, same place.

411,483. TEA OR COFFEE POT. L. S. Wright, Groton, N. Y.

411,509. EARRING. C. P. Pike, Boston, Mass.

411,526. PENCIL-SHARPENER. W. H. Lamson, Bridgeport, Conn.

411,527. OPERA-GLASS HOLDER. E. B. Meyrowitz, Ridgefield, N. J., assignor to Levy, Dreyfus & Co., New York.

411,586. TIME-RECORDER. Alexander Dey, Glasgow, Scotland.

411,656. COFFEE-POT. H. C. Green, St. Louis, Mo.

411,682. DETACHABLE UMBRELLA-COVER. A. J. Robinson, Boston, Mass.

411,689. ATTACHMENT FOR EYEGLASSES. C. C. Smith, Mohawk, and H. W. Martin, Ilion, assignors to the Electrical Spectacle and Eyeglass Mfg. Co., Mohawk, N. Y.

411,693. HANDLE. N. R. Streeter, Groton, N. Y.

Design issued Sept. 26, 1899, *for* 7 *years.*

31,548. CUFF-HOLDER. W. K. Herrington, Aurora, Ill.

Design issued March 24, 1903, *for* 3½ *years.*

36,248. BUCKLE OR BROOCH PLATE. Joseph Catlow, Providence, R. I., assignor to M. F. Williams, same place.

Issued Oct. 1, 1889.

411,800. WATCHCASE-SPRING. J. H. Fleming, Newark, N. J.

411,862. ENVELOPE OPENER AND SEALER AND STAMP-MOISTENER. C. C. Lance, Pittsburg, Pa.

411,909. PENCIL-SHARPENER. P. W. Tillinghast, Providence, R. I.

411,933. CURLING-COMB. E. T. Ryan, New Bedford, Mass.

411,971. SPECTACLES. Uriah Smith, Battle, Creek, Mich.

411,988. MUSTACHE-GUARD. May E. Harrington, Oakland, Cal.

412,017. PROCESS OF MAKING ALLOYED RAISED GOLD PLATES WITH CORRUGATED BACKGROUNDS. Joseph Bulova, New York.

412,018. CLOCK STRIKING MECHANISM. R. B. Carr, Boston, Mass., assignor of one-half to E. Howard Watch & Clock Co., same place.

412,030. WATCH-MOVEMENT BOX. W. B. Learned, Boston, Mass., assignor of one-half to E. Howard Watch & Clock Co., same place.

412,045. WATCHMAN'S CLOCK. J. F. Scribner, Newark, N. J., assignor to E. Howard Watch & Clock Co., Boston, Mass.

412,097. SUSPENDERS. Jacob Katzenberg, New York.

412,138. COFFEE-POT. R. W. Terrell, Conyers, Ga.

Designs issued Oct. 3, 1899, *for* 7 *years.*

31,574. SPOON HANDLE. H. L. Wallace, Wallingford, Conn., assignor to R. Wallace & Sons Mfg. Co., same place.

31,584. BELL. A. A. Bevin, East Hampton, Conn.

BUYERS' INFORMATION BUREAU

Questions as to the makers of certain lines of goods, where to buy certain lines, where certain kinds of work are done, the owners of certain trade-marks and other matters relating to the buying branch of a jewelry business will be cheerfully answered under this department. *All queries are also answered promptly by mail.*

Chicago, Sept. 24, 1906.

Editor of The Jewelers' Circular-Weekly:

Can you tell us the probable age of a plated tea set which bears the imprint, "Stodder & Frobisher?" R. Bros.

Answer:—Stodder & Frobisher were manufacturers of silverware in Boston in 1817.

Valdez, Alaska, Sept. 6, 1906.

Editor of The Jewelers' Circular-Weekly:

Can you give me the name of a concern in Boston who issues a catalogue of stock cuts? W. C. S.

Answer:—C. J. Peters & Son, 145 High St.

Detroit, Mich., Aug. 27, 1906.

Editor of The Jewelers' Circular-Weekly:

Will you kindly inform me where I can obtain the X-ray cards used for advertising purposes, and the cost of same per 1,000? R. & Son.

Answer:—T. O. Metcalf Co., 152 Purchase St., Boston, Mass. $8.75 per thousand.

Denver, Colo., Sept. 20, 1906.

Editor of The Jewelers' Circular-Weekly:

Will you kindly tell me where I can buy Ferroydine mentioned in The Circular-Weekly of Aug. 29, page 93? J. C. C.

Answer:—Henry Picard & Frére, Chaux-de-Fonds, Switzerland.

Oakland, Cal., Sept. 24, 1906.

Editor of The Jewelers' Circular-Weekly:

Will you kindly give us the address of A. Held & Co., or their successors? M. S. & Co.

Answer:—This firm was formerly at 61 Nassau St., and went out of business in 1901. It had no successors.

Lancaster, Pa., Sept. 26, 1906.

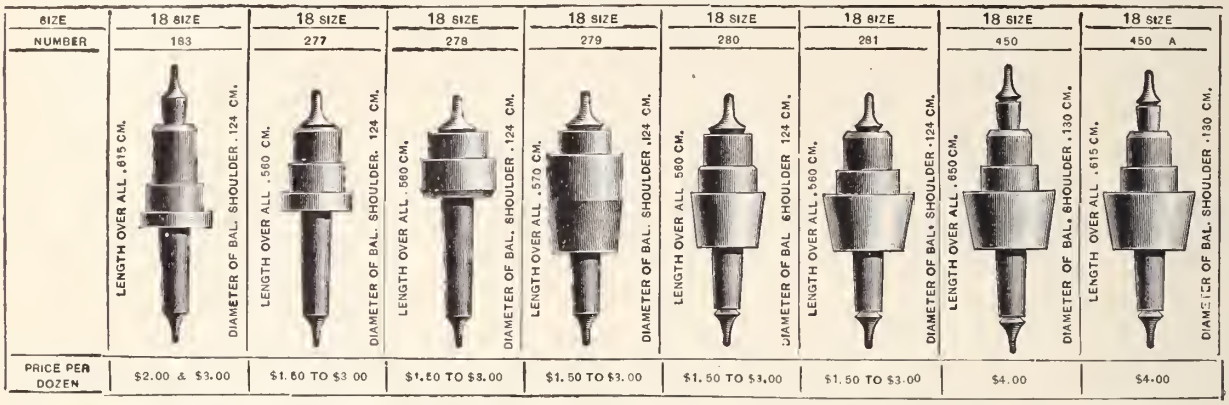
Editor of The Jewelers' Circular-Weekly:

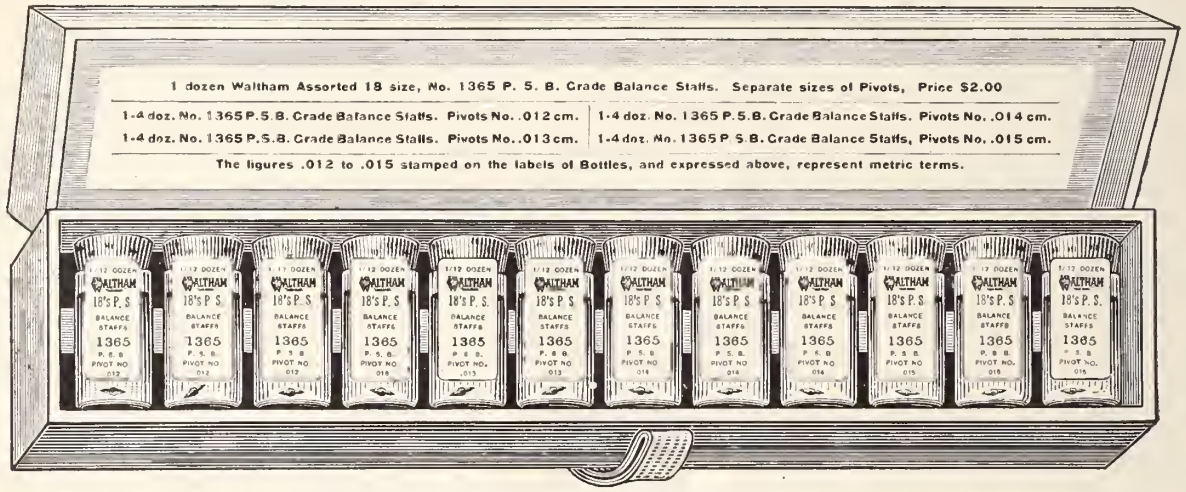
Where can we obtain sulphur stone or pyrites of iron direct from the mines suitable to use in making jewelry? G. Wm. R.

Answer:—Davis Sulphur Ore Co., 65 Wall St., New York.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD. PATENTED, JUNE 5TH, 1894.
INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade, -	4.00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5.00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.

Escapements as Constructed by Various Horologists.

Translated for THE JEWELERS' CIRCULAR-WEEKLY, from the *Almanac de l'Horlogerie et de la Bijouterie.*

(*Continued from issue of Oct. 3.*)

THE reader will recognize in the following Fig. 7 a Graham escapement similar to those which have been represented in former figures, and they will doubtless inquire what purpose the second wheel can serve: this is larger, as seen in the illustration. We will explain.

An inventor said to himself, and he reasoned correctly, that the friction of the teeth on the pallet during the lockings would be reduced if it occurred nearer the pivoting center of the anchor. On this principle, he planted on the arbor of the wheel R a second wheel, R^1, larger, and designed only for the lockings. The teeth of this second wheel are arrested against a cut cylinder, e^1 s^1, fixed on the body of the anchor A. The teeth of the small wheel, therefore, serve only for the impulses, and do not slide against the pallets during the lockings, as occurs in all the Graham escapements we have examined. In our figure the tooth a^1 of the large wheel is seen locked at e^1 against the cylinder, and the tooth a of the small wheel R is ready to give the impulse on the pallet e, but not resting against it. The friction during the supplementary arc of the pendulum therefore takes place between a^1 and e^1, and it is evidently more reduced than if it occurred between a and e. The inventor of this system must have seen a great advantage in this diminution of friction, since he has not hesitated to adopt a much more complicated construction and one requiring very precise execution.

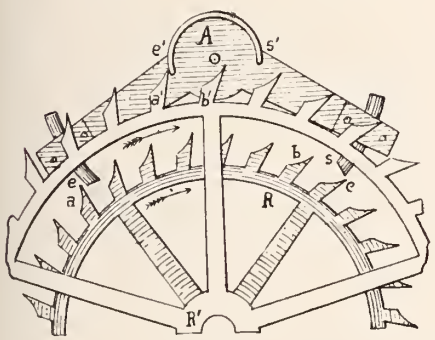


FIG. 7.

Inventions of this kind are interesting with reference to the special purpose we are pursuing in these investigations; though they may have been abandoned, they often have very instructive characteristics, and a description may be of service to other inventors, preventing them from wandering among combinations which, although perfectly possible theoretically, are without value practically.

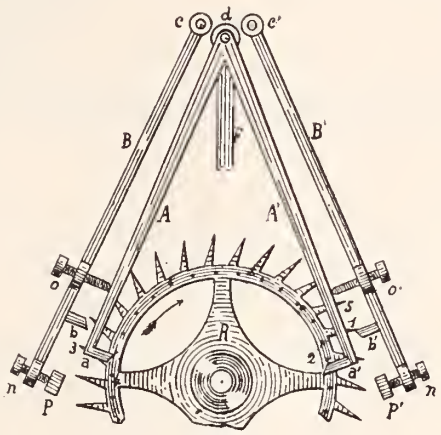


FIG. 8.

This escapement is of modern invention, and it would seem that its author was not familiar with the old horological works, for he would have found several attempts of the kind, designed not only to diminish the friction but to completely suppress it.

One of these is explained by Fig. 8, which represents an escapement invented in 1804 by the celebrated English horologist Reid.

The 'scape wheel is double—that is, it carries two sets of teeth, one of which consists of pins inserted perpendicularly. These pins, as small as possible but sufficiently strong, produce impulses on the inclined planes of the pallets a a^1. These pallets are carried by the anchor AA^1, pivoting at d on an arbor, to which is fixed also the fork F, transmitting the impulse to the pendulum.

The teeth of the wheel, long and pointed, serve only for the lockings, and these are accomplished on the pallets b b^1 of two detents, B B^1, specially arranged and pivoting at c and c^1. These by their own weight have a constant tendency to press on the studs p p^1 fixed to the plate, and in their course is regulated by two screws, n n^1. Two other screws, o o^1, permit of regulating the contacts between A and B and A^1 and B^1.

In the state of repose—that is, when the screws n n^1 rest on the studs p p^1—the pallets b b^1 arrest the teeth of the wheel. The arrangement of these pallets is such that when the wheel is stopped on either, the anchor AA^1 can vibrate freely without the pins of the wheel touching the pallets a a^1. The pins enter into contact directly with the inclined planes of the pallets at the moment when the unlocking occurs.

The action of the escapement is as follows: Tooth 1 is locked on the pallet b^1, the pendulum oscillates from left to right, and the arm A^1 of the lever, by the intermediation of the screw o^1, raises the detent B^1 and disengages tooth 1. Pin 2, which had no contact with the pallet a^1, falls on the inclined plane of this pallet and presses it back, thus communicating an impulse to the pendulum, which continues to oscillate to the right. When this impulse is completed the detent b, which was raised by the anchor, comes to rest by its screw n on the stud P. The pallet b is then ready to receive tooth 3. The locking of this tooth is accomplished without pin 4 touching the pallet a. And the pendulum continues its supplementary course without there being any contact between the anchor and the wheel. The pendulum returning in the opposite direction, the arm A of the lever presses back the detent B, and tooth 3 is

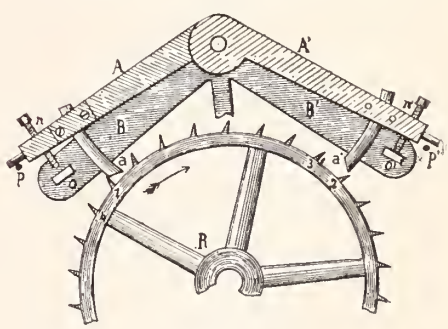


FIG. 9.

Wise Dealers Set Store by the ELGIN



The wide-awake dealer knows the value of a good stock of Elgin Watches. He knows that they are a good criterion by which to have the public judge his store.

He knows that Elgin customers are satisfied customers, and that satisfied customers are the very foundation of successful business. The

ELGIN WATCH

is the World's Standard Timekeeper

See Jobbers' List for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

ELGIN NATIONAL WATCH COMPANY,

Factories, Elgin, Ill., U. S. A.
General Offices, 131 Wabash Ave., Chicago.
New York Office, 11 John Street.
San Francisco Office, 206 Kearny St.

unlocked, which allows pin 5 to produce its impulse. Before the impulsion is terminated the pallet b^1 is in position to stop tooth 5, and the action thus continues.

This escapement, it appears, might have given good results, but notwithstanding the advantages presented by the regulating screws, the practical execution was quite difficult, for the distance of the stop from the impulse pallet had to be adjusted very exactly in order to draw the best advantage for the lift, and to produce the least drop.

* * *

But we have entered with this mechanism into the category of detached escapements. Indeed, the teeth of the wheel being arrested by the detents B B B^1, the anchor AA^1 oscillates in complete freedom during the lockings, and is not in contact with the wheel except during the disengagement and the impulsion.

This kind of detached escapement is generally called the "chronometer escapement." We shall have several specimens to describe, but for the moment we will suspend attention of the detached escapements in order to give some types of the kind called "gravity escapements."

The name "gravity escapement" has been given to the escapement in which the impulse results from the action of a body acting by reason of its weight according to the laws of gravitation. The action of the wheel consists in winding up the heavy body after each impulsion. This kind of escapement has been put to use, especially in England and Germany, and we shall have several models to study.

The one which we give in Fig. 9, of simple appearance, is quite complicated, since the escapement piece is formed of three parts, each pivoting on a different staff. The three arbors are not by the side of each other, as in the escapement represented by Fig. 8, but they are on the prolongation of each other.

The first of these arbors, the furthest from the eye, carries the piece B B^1, placed behind the wheel, and is of one piece with the fork. The second carries half of the anchor, or the arm A, on which the pallet *a* is adjusted. On the third arbor, the nearest to the eye, the other arm A^1 of the lever, carrying the pallet a^1, is fixed. These two pallets *a* a^1 are attached to the arm of the anchor, one in front, the other in the rear, in such a way that they are in the same plane—that is, in the plane of the wheel R.

The arms A A^1 of the anchor are, therefore, independent of each other; they bear at their extremities two screws, *n* n^1, which come to rest on the two studs *o* o^1, adjusted on the piece B B^1. Two pins, *p* p^1, fixed to the plate of the movement, limit the path of the arms A A^1, preventing the extremity of the pallets *a* a^1 from reaching the depth of the teeth of the wheel.

When they are at rest, the two arms A A^1 of the anchor press, therefore, by reason of their own weight, on the pins *p* p^1. In our illustration the arm A is seen in this position, and its pallet *a* holds tooth 1 of the wheel locked.

The escapement is represented at the moment when, the pendulum vibrating from right to left, the arm B acts with its stud *o* on the screw *n* to raise the arm A, thus disengaging tooth 1. The arm A is raised by the *vis viva* of the pendulum and by the impulse force of the wheel acting on the inclined plane of the pallet *a*. The latter force in itself would not be sufficient, and it serves only to lighten the arm at the moment when it is raised. When tooth 1 has passed, tooth 3 becomes locked against the pallet a^1, which has come into the necessary position. The pendulum, and consequently the piece B B^1, which is separate, returns to the right, and it is then that this piece receives the impulse by the effect of the weight of the arm A, acting with all its intensity on the stud *o*. This impulsion continues until the arm A is arrested by the pin *p*. The piece B B^1 continues its oscillation to the right, and raises on the other side the arm A^1 in such a way as to unlock tooth 3, which in its turn, on sliding against the inclined plane, loses at A^1 a part of its weight. This lightening allows a more extended supplementary oscillation, and when the action of the tooth ceases the arm A^1 acts with all its weight to send back the pendulum to the left. Tooth 4 has then taken the place of tooth 1 against the pallet *a*. It can be comprehended that the piece B B^1, as well as the fork, could be omitted if the stud *o* o^1 were fitted directly to the pendulum.

This escapement certainly could not give results corresponding to the complication of the mechanism. It is an error to suppose that the Graham escapement will be improved by the suppression of friction on the lockings. This friction, to some extent, compensates for the variations of the motive force, and it is as useful in this respect as the recoil in the escapement designed for a light pendulum moving in large arcs.

(To be continued.)

Watch Repairing.

By H. Reinecke.

(Continued from issue of Sept. 26.)

THE further use of the depthing tool is on different lines from those discussed so far.

(1) A depthing tool may be used for the selection of a cylinder in relation to its adaptability to an escape wheel. The acting part of a cylinder occupies a little over half of its circumference, which describes about 200° of a circle. A tooth of a properly proportioned cylinder wheel in traversing the inner circle of a cylinder must have some drop on the locking, and after having given the impulse on the disengaging lip must have the same amount of drop on the outer circle. Either one of these drops may differ from the other in case the cylinder is a little too large or too small, and the teeth of the escape wheel are not of the normal proportion, *i. e.*, shorter than they should be. If a cylinder were to be made to match such a wheel, it would have a shell thicker than it should be.

The thickness of the shell of a good cylinder should be about 1/10 of its diameter, and such a cylinder would be a proper match for a perfect escape wheel. But in the case of the escape wheel, the teeth being shorter than its nominal length, such an escape wheel should be matched with a cylinder, the shell of which is 1/10 of its diameter. The drop on the lockings inside or outside would be excessive. When choosing between two cylinders, one of which has a shell of 1/10 of its diameter and the other a thick shell, in order to match an imperfect escape wheel, the thin shell cylinder should be selected, because the excessive drop in the former case is less injurious than the thick lips, the shorter impulse, and the difference in the locking resistance of the latter. The timekeeping qualities of a watch with the former is little affected, but the timekeeping qualities of a watch with the latter are irregular and unreliable, not only on account of technical difficulties, but also on account of the disturbing influence of the gradual change in the oil.

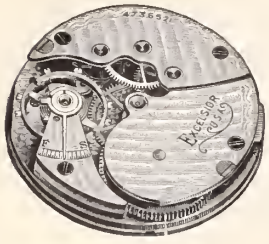
(2) The action of a lever escapement may be most conveniently examined with the assistance of the depthing tool. The leading Swiss lever escapement adjusters have a very ingeniously constructed depthing tool with three pairs of matched centers, which enable them to set the whole escapement, fork and roller, pallets and escape wheel in their proper position, and to transfer their position to a watch plate. The adjustments of this tool are made with tangential screw gears, and straight slides by means of which an operator may set straight line or angular escapements. Graduated index attachments are in their proper places and may be read with ease. An ordinary depthing tool may be attached to a square plate of brass and sliding motion pieces may be attached, thus providing a very useful device.

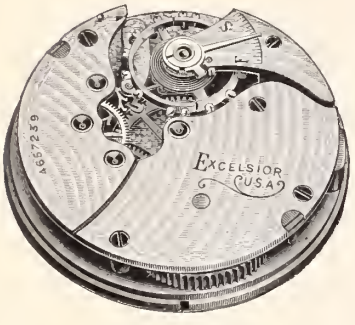
(3) A depthing tool of a somewhat larger size than those in common use and which does not have to be very accurate, is a valuable and handy tool for various purposes—for snailing steel parts of keyless mechanisms, for polishing large center wheel pivots, for parts of fine balance staffs, for winding arbors and other parts of very fine watches. Circular polishers are used for such purposes and rotated in an opposite direction from the one applied to the parts to be polished. Small milling operations may also be done with serrated cutters.

The two centers between which the arbor with a polisher rotates must not be fastened with the thumbscrews, but they must be left free to move to and fro. Two spiral springs are placed on the projecting ends of these two centers, to shift the polishers during their rotary motion with one hand. As these polishers are used principally on their edges, it is customary to recess them in their center. Pivots should not be polished with diamantine, as this gets embedded in the steel. Crocus only should be used.

(To be continued.)

About $40 in bills were stolen a week ago from the store of I. G. Perry, Great Barrington, Mass., by two men who entered the store and declared that they did not wish to make purchases, but were merely awaiting the arrival of a trolley car. One of the men remained near the entrance of the store while the other assumed an attitude of uneasiness and walked to and fro, finally succeeding in extracting the money without being noticed. An accurate description of the thieves has not been received.





A LONG FELT WANT

for a reliable, price-protected time-keeping movement, is filled by

The Excelsior

in 18 and 6 size—¾ plate
Hunting or Open Face

An American Made Thin Model
Made for the Jewelry Trade Only

Now in the hands of all Jobbers

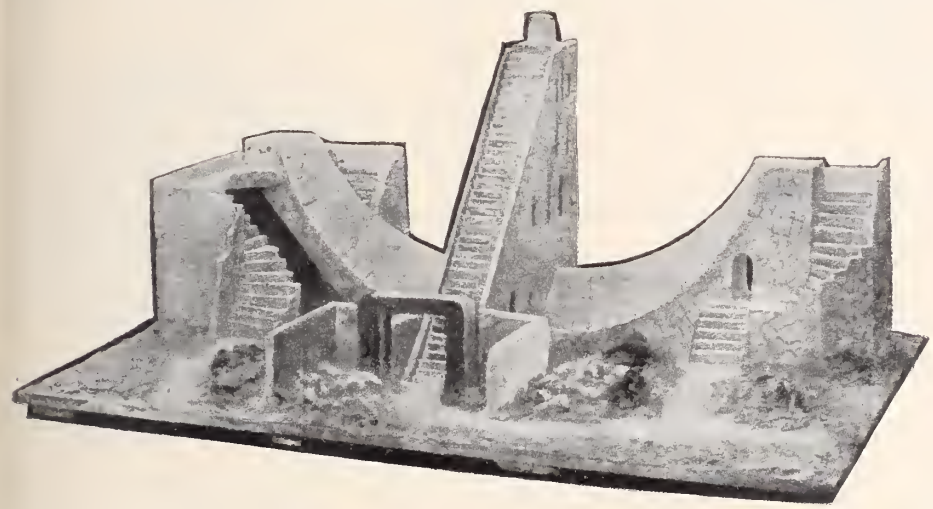
18 size—Hunting — Lever Set
18 size—Open Face — Pendant Set
6 size—Hunting or O. F.—Pendant Set

Nickel Damaskeened, 7 Jewels, Stem Wind, Cut Expansion Balance, Breguet Hairspring, White Enameled Dial

SECURE CONFIDENTIAL LIST FROM YOUR JOBBER

Largest Sun Dial in the World.

THE largest sun dial in the world, says F. M. Feldhaus, in the *Deutsche Uhrmacher Zeitung*, is at Delhi, in India. Dr. Riem, of the Royal Astronomical Institute in Berlin, has recently completed the difficult task of making a model of this gigantic piece of work for the German Museum of Masterpieces of Natural Science and Technics in Munich. About 1650—the exact date is not known—Jai Sing II., influenced, probably, by the Jesuits, erected at Delhi, Benares, and other places, observatories, the ruins of which still exist. The natives know little or nothing of the meaning of these ruins, and reports of English travelers of the 18th century give the only definite information which we possess as to the form and use of the mural instruments. For the peculiarity of this work, giving it a unique position among the astronomical monuments of the world, is that wall and instrument are one. It is one of the oldest which have been preserved (the oldest in Europe being the Leyden Observatory, built in 1632), and here were determined the obliquity of the ecliptic, the length and breadth, declination and position of the equinoctial lines.



THE GREAT SUN DIAL AT DELHI, INDIA, LARGEST IN THE WORLD.

A narrow flight of stone steps, like a ladder, parallel with the axis of the earth, leads straight upward. Its supporting walls are smooth marble, and the shadow falls upon great marble ares, built out at the right and left, and marks the time when the sun is shining, to minutes. Broad galleries and steps allow access from all sides.

The platforms of the building were once used, probably, for smaller portable instruments, which have fallen to pieces. Before the year 1800 Englishmen found the building used for horse stalls. This equatorial gnomon is about 58 feet high, the length of the oblique edges is 116 feet, and the radius of the circle about 19 feet. Near it stands the ruins of an obliquely inclined astronomical construction, whose purpose is unknown. The observations seem to have been longer continued at Benares, the residence of the great Moguls. At least, Dr. Riem was able, guided by information from English sources of the 18th century, to reconstruct some small instruments which were still known at that time in Benares. But the saying *"ex oriente lux,"* applied to the science of astronomy, seems to have no great significance here, for in spite of the construction of this observatory no accurate results were obtained.

Sources of information in regard to these gnomons are "Philosophical Transactions," London, 1772, page 353; 1777, page 598; "Asiatic Researches," London, 1777, page 190; the "Journal of the Asiatic Society of Bengal," published in Calcutta in 1840, page 831; "Antiquities of India" (drawings), by W. Daniell, London, 1799; A. Garrett, "The Jai-pur Observatory."

Polishing Tempered Steel.

THE principal materials for the polishing of tempered steel are crocus diamantine, putty powder and Vienna lime. The first three are applied with plate glass (finely ground), bell metal, block tin, a composition of tin, lead, copper and arsenic (this composition is also used for lapping gold and brass), soft iron and copper. All of these materials, except the Vienna lime, in different degrees of fineness may be applied, moistened with sperm oil but not with olive oil, by the latter agents.

Vienna lime requires special treatment. It has a caustic nature and is applied with box wood, maple wood or some of the softer woods moistened with alcohol, and sometimes with water or oil. It imparts to steel a fine black polish and does its work rapidly when moistened with alcohol. Being of a caustic nature, it is not adapted to polishing flat surfaces of some size because it will destroy the beautiful sharp corners on flat steel work, seen in the old Geneva repeating watches. A quick final touching with Vienna lime may sometimes be given to finish an imperfect surface. Vienna lime ought not to be used for polishing the heads of screws which are intended to be blued, as the bluing will not be even.

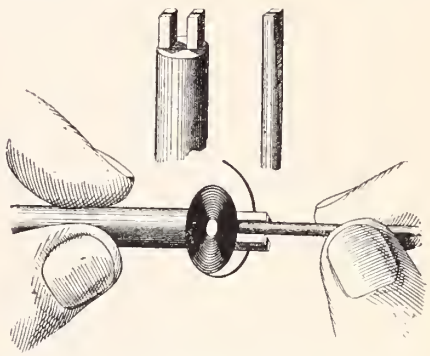
It should be kept in stoppered bottles away from the light and mixed just as it is wanted for use. It will also become worthless by exposure to the air. Vienna lime is an excellent polishing agent in the case of rusty steel gongs in repeating watches or chime clocks, as the rust injures the tone and polishing them by other means might prove a tedious job.

A Handy Tool for Bending the Overcoil of a Breguet Balance Spring.

(Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from *La France Horlogere.*)

WATCHMAKERS often experience great difficulty in bending the overcoil of a Breguet balance spring on account of the want of frequent practice. In the following description we give the details of a simple device, by means of which such an operation may be performed with astonishing ease, even by an inexperienced workman. Take two pieces of round brass wire of different dimensions, one large and one of less than half the diameter of the large one.

File on the end of the large piece a square, as shown in the illustration, and file in the middle of this square a slot, dividing it into two oblong squares. Crosswise in the middle of these two oblong squares make a saw-cut of the width of the thickness of an average balance spring. In the same manner make a saw-cut in the small wire, the sides of which have been filed flat, in such a manner that its thickness has been reduced to such a dimension



MODE OF BENDING BREGUET BALANCE SPRING'S OVERCOIL.

that it may enter freely into the slot formed by the two oblong squares of the large wire. The saw-cut in the small wire should be in line with the saw cut in the large wire. The saw-cut in the two oblong squares of the large wire should be about a depth equal to two-thirds of their height, but the saw-cut in the thin wire should not be of the same height, but should be less, for obvious reasons.

To make the overcoil bend to a balance spring it is only necessary to place the blade of the spring in the saw-cut of the oblong squares of the large wire and bring the more shallow saw-cut of the small wire to bear upon the blade of the spring, where it is exposed between the two squares. After withdrawing the spring from the cut, the same operation is repeated in such a manner that the second bend is made parallel to the body of the spring.

It is necessary to round off the corners of the saw-cut at its corners in the bottom of the cut lengthwise in order to prevent the corners of the bends from being too pronounced. It is plain that this operation involves no risk, and a spiral spring cannot be damaged in any way whatsoever.

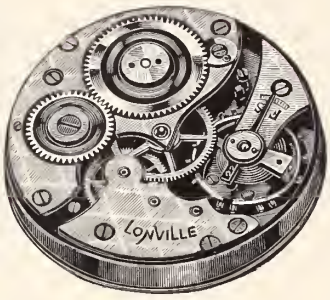
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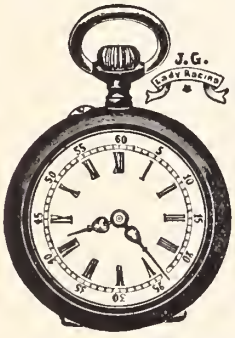
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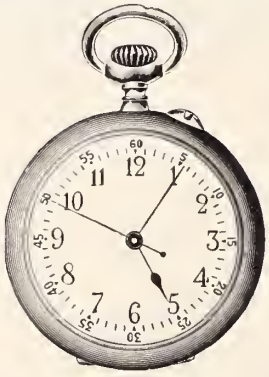
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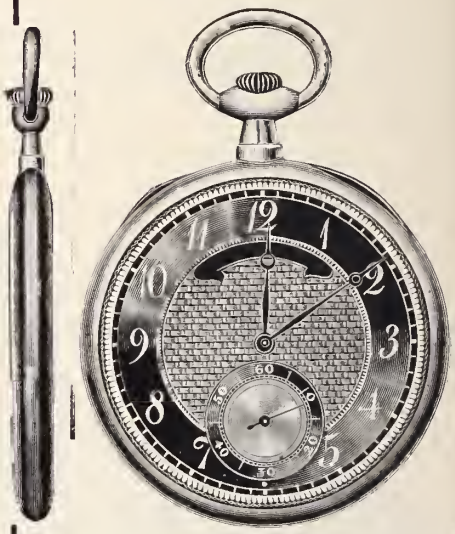
in the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

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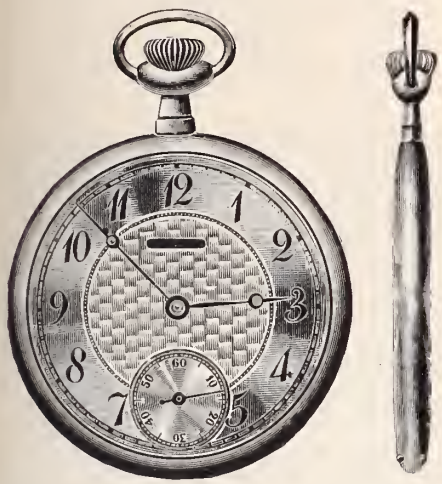
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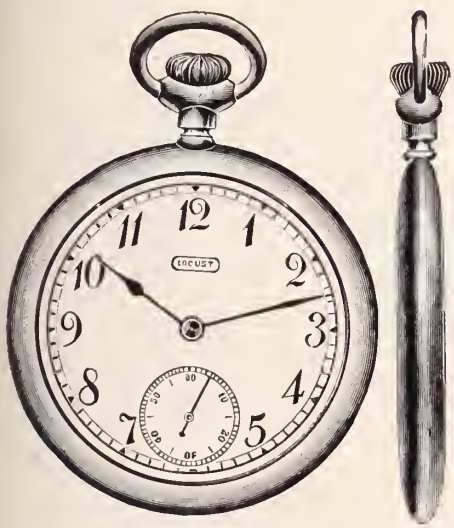
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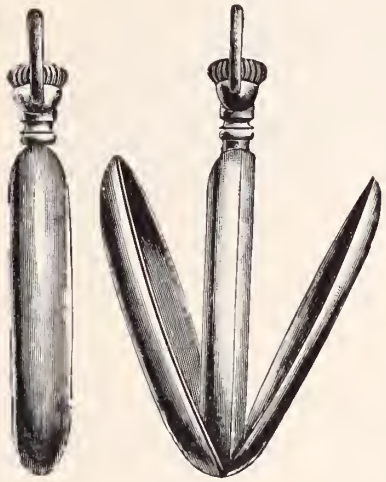
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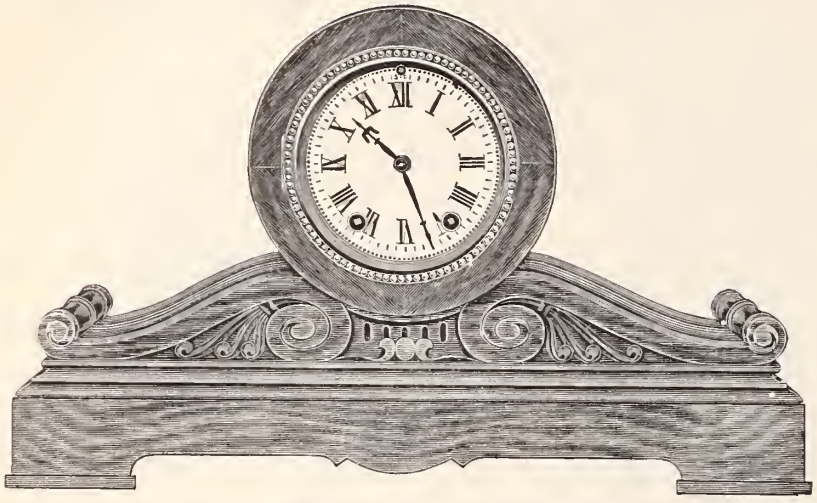
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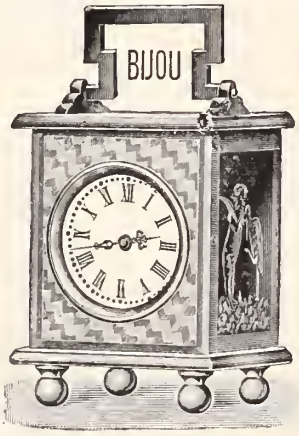
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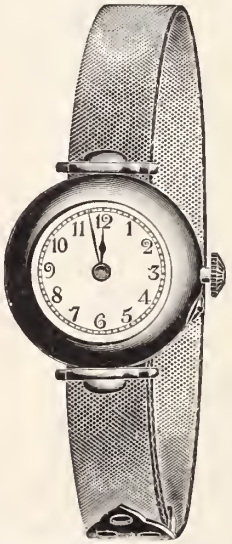
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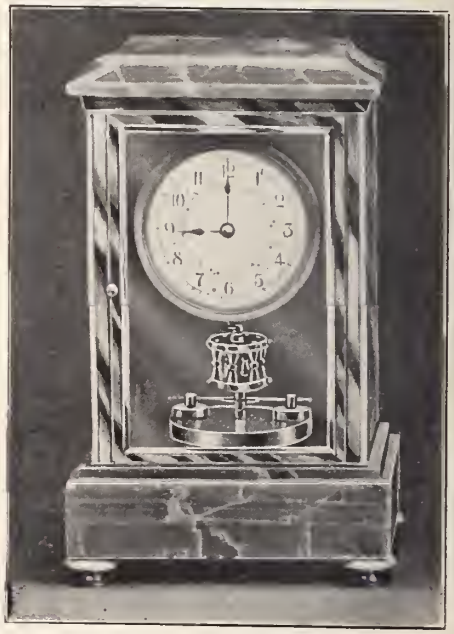
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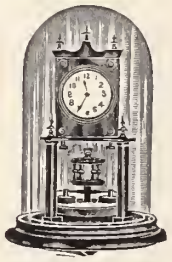
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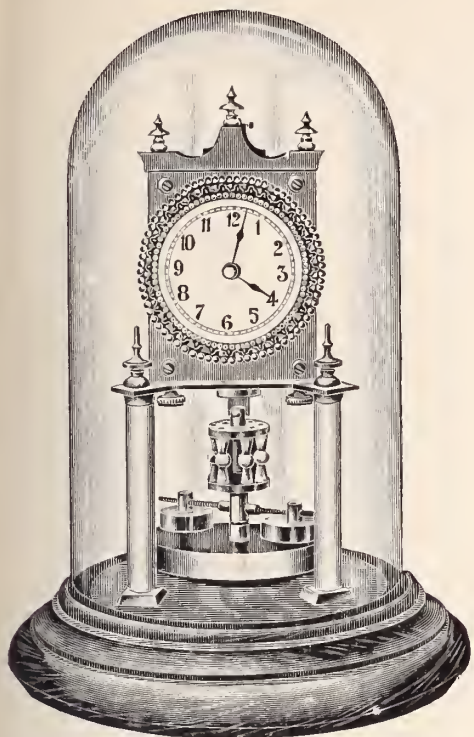
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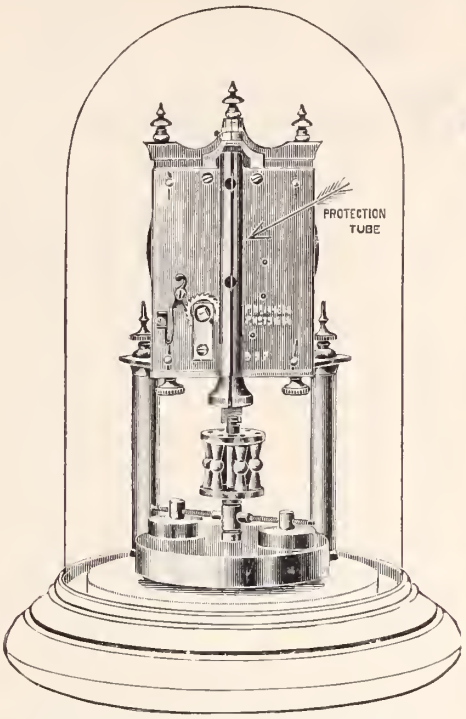
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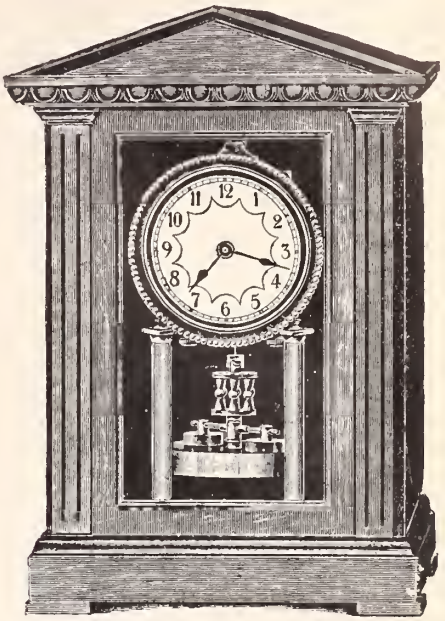
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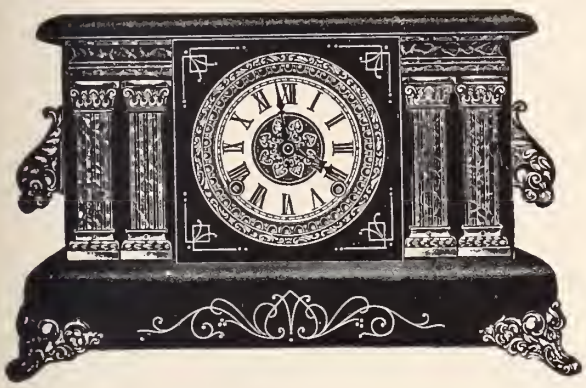
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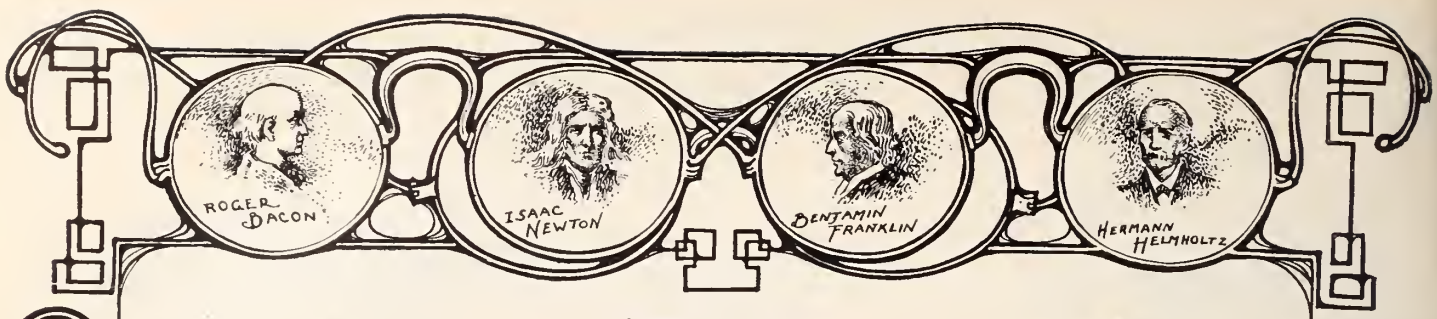
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OPTICAL DEPARTMENT

A Study of Convergence and Its Defects, Including an Analysis of 441 Cases of Exophoria.

(Extract from a paper by WENDELL REBER, M.D., Philadelphia, Pa., in the *Journal of the American Medical Association.*)

NEXT to the visual act itself, convergence is admittedly one of the most interesting of the functions of human eyes. That it is evolutionally the last oculomuscular function to appear seems now equally well admitted.

Inasmuch as convergence and divergence are parts of the same act, it may be well to ask, with Maddox, "What is the starting point of convergence?" If the innervation of the eyes were temporarily inhibited, the eyes would surely take up a position of about 20 degrees' divergence, as claimed by Hansen Grut.[3] Le Conte[4] has shown that during sleep, and in his own case during drowsiness, the eyes diverge, as they also do in drunkenness, under anesthesia and at death. Prentice,[5] believing that the postmortem findings might shed light on the real anatomic position of the eyes, tabulated the conditions in 3,000 cases within from 24 to 48 hours after death, and in not one did he find the eyes straight. In 17 persons who had parallel ocular axes during life he found divergence postmortem. He concludes, therefore, that even in civilized man there is a tendency toward divergence which is overcome by fixed innervation. This fixed innervation is what Maddox[6] calls tonic or initial convergence.[7]

In Fig. 3 he represents convergence as composed of three elements—the initial or tonic element, the accommodative element, and the reflex element, although exception might be taken to the latter element. It is simpler to resolve convergence into two elements, namely, initial or tonic convergence (the phylogenetic convergence of Pohlmann) and accommodative convergence (Fig. 4). This, however, is the academic phase of the matter. Landolt approaches the subject of convergence in a much more practical fashion and shows how deeply he feels that it is a problem sufficiently often encountered in the flesh to merit our earnest study. He prefers to measure the amplitude of convergence,[8] because of his conviction that that is the key to many otherwise puzzling anomalies of convergence. He therefore estimates the punctum remotum of convergence by finding the greatest prism base in that can be overcome (prism divergence). For rough calculation, this may be divided by 7 and the approximate degree of negative convergence (or divergence) in meter angles thus obtained. For instance, if prism divergence be 7, there is one meter angle of negative convergence.

For estimating the positive convergence, prisms are not of sufficient value, because of the varying quality of convergence so estimated. His preference is for the ophthalmodynamometer (of his own contrivance). For this purpose I have for three years employed what seems to me a much simpler device. Using the one-candle electric light of the DeZeng electric ophthalmoscope, I half darken the room and then, starting at 15 inches from the face, have the patient watch the light attentively as it is carried in the median line toward the eyes. At about 10 inches from the eyes the corneal images from the electric light become plainly visible to the surgeon, and it is then easy to watch these images as the light is carried toward the root of the patient's nose until one or the other of the corneal images comes to a standstill. This is the near point of convergence, and one can readily calculate the number of meter angles of positive convergence at the patient's disposal. For instance, if one of the corneal images comes to a standstill at four inches, there are 10 meter angles of positive convergence; if at five inches, there are eight meter angles; if at three inches, there are 13 meter angles.

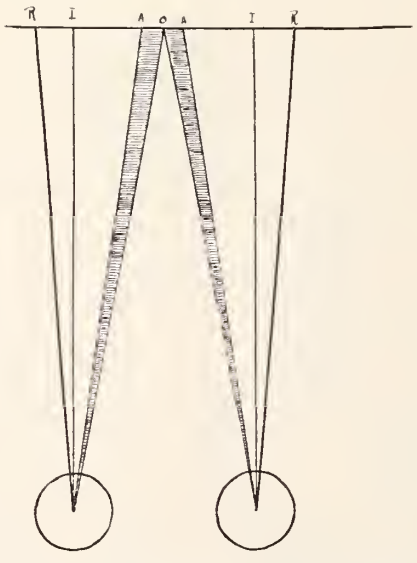


Fig. 3.—(After Maddox). R., Punctum remotum. R. I., initial convergence. I A, accommodative convergence. A O, reflex convergence.



Fig. 4.—R., punctum remotum. R. I., initial convergence (tonic convergence). I. A., accommodative convergence.

The test as thus applied is objective, while Landolt's procedure is subjective and open to all the disadvantages of every subjective test. This test is applied in about five seconds, as a rule.[9] The amplitude of convergence is, hence, the sum of the positive and negative convergence. Thus if there be nine degrees of prism divergence (1.28 meter angles of negative convergence), and the corneal images come to a standstill at four inches (10 meter angles of positive convergence), the total amplitude = 1.28 + 10.00 = 11.28 meter angles of convergence.

By the above test I have found that the average patient converges to four inches (10 centimeters) without any difficulty (= 10.00 meter angles), and, as the average patient has somewhere near seven degrees of prism divergence[10] (one meter angle of negative convergence), the average amplitude as I have found it in my office is about 11 meter angles. Landolt has found 10.50 as his average. He has further shown[11] that of the total 10.50 to 11.00 meter angles the reserve ought to be about twice as great as the convergence required by the work, and that is about what occurs in the

[3] Knapp's Archives, vol. xxiv.
[4] "Sight," p. 254.
[5] Lancet, 1899.
[6] "The Clinical Use of Prism," Bristol, 1897.
[7] Hanson Grut aptly compares it to the tonic element of the accommodation of hypermetrope.
[8] Norris and Oliver: "System of Diseases of the Eye," vol. iv.
[9] It is also worth while in pursuing this test to approach the light from the right and left side as suggested by Duane.
[10] In 60 consecutive cases of exophoria it was found to be 7.5 degrees.
[11] Arch. Opht., March, 1886.

Optical Department.

average individual. Most work is done at about 13 inches from the eyes—that is, it requires about three meter angles of convergence, and this leaves from six to seven meter angles of reserve, or a trifle more than twice as much as the ordinary amount used. If there be much departure from this relation, there is almost sure to be some discomfort in the use of the eyes at the occupation distance.

As these two tests—estimation of the prism divergence and estimation of the convergence near point—can be accurately executed in from three to four minutes, there can be little excuse for omitting them in any patient with exophoria who has not been made comfortable by the use of a non-prismatic correction only. Indeed, I believe it wise and valuable to make them in all cases of exophoria before dismissing the patients to try the effect of their proper correction.

ANALYSIS OF 441 CASES OF EXOPHORIA.

In the analysis of the following 441 cases these facts are to be borne in mind:

(1) All of the cases occurred in private practice.

(2) Only cases presenting stereoscopic vision have been included in the analysis (hence exotropia is excluded).

(3) Proper correcting lenses were prescribed by me and tried thoroughly before proceeding to the treatment of the exophoria as an intrinsic condition, or the patients had been recently refracted by a trustworthy ophthalmologist.

(4) No selection of cases for these statistics has been made. They have been taken consecutively, and include all the cases of exophoria I have seen in private practice.

(5) Refraction with a mydriatic was done in practically every patient under 45 years of age when I did the refraction myself. Over that age the refraction was done without a mydriatic.

(6) In testing for exophoria at the near point, the dot and line test were discarded entirely—first, because it places the eyes under highly artificial conditions; second, because many women (and the bulk of these patients were women) cannot tell whether objects are in alignment or not. Instead of the dot and line, the Maddox multiple rod was used, along with the one-candle electric lamp used on the DeZeng electric ophthalmoscope (described above in connection with the convergence near-point test). This little light the patient holds at the ordinary occupation distance (about 13 inches), and by means of the multiple Maddox rod great delicacy is secured, one-fourth of a degree of error being easily thus revealed. In presbyopes the reading correction should be used when this test is applied or the observer will be led into error. Schild's, Baer's or any other development of the simple apparatus I have described may be used, but for six years I have found the simple one-candle electric light and the Maddox rod satisfactory in every way.

(7) In testing prism divergence (abduction) and prism convergence (adduction) separate prisms were used, the prism divergence being always estimated first. In obscure cases the following seven points were considered essential to a proper study of the case: (a) The exophoria for infinity (or distance); determined by both the cover test and the multiple Maddox rod.[12] (b) The hyperphoria for infinity. (c) The prism divergence (abduction). (d) The prism convergence (adduction). (e) The exophoria for 13 inches (33 centimeters). (f) The hyperphoria for 13 inches (33 centimeters). (g) The convergence near point. These seven maneuvres may be accurately gone through in from six to eight minutes, and are well worth systematic employment in every obscure case of exophoria in which symptoms persist in spite of the best refraction.

Age.—The frequency of exophoria in the various decades of life is given in Table 1, which shows plainly the influence of age in its production. The occurrence of less than one-tenth of all the cases before the 20th year is a significant fact. Weiss[13] calls attention to the outward swing of the orbits (and along with them their long axes) after puberty. Duane[14] notes those cases in which divergence has developed as a result of the gradual divergence of the orbits taking place during the period of growth in children and youth. "This divergence, by altering the angle of insertion of the tendons and the amount of tendon in contact with the eyeball (contact arc), increases very greatly the power of the externus and diminishes that of the internus, and in itself is quite sufficient to account for the development of divergent strabismus." If it will give rise to so pronounced a deviation as divergent strabismus, it may well be asked: How much more easily may it give rise to a latent deviation or exophoria?

TABLE 1.

Decade.	*No. of times found.*
Under 10	6
11 to 20	34
21 to 30	90
31 to 40	106
41 to 50	124
51 to 60	59
61 to 70	14
Over 70	6

Sex.—Of the whole number here reported 161 patients were males and 280 females, or a proportion of 6 to 11. That is to say, there were almost twice as many women as men presenting exophoria. These figures accord very well with those furnished by analyses of large numbers of refraction cases (say 1,000 to 2,000)[15] which show that about twice as many women as men apply for refraction in private practice. Women's nervous systems are admittedly less resistant than men's, and it is also probable that women employ their eyes more at the occupation distance than do men.

Neurasthenia, too, for many reasons, is much more likely to occur in women than in men. Yet examination of 33 cases of exophoria of the neurasthenic type occurring in this whole series were practically equally divided between the two sexes, 15 of the patients being men and 18 women. It is altogether probable that if the figures could be so extended as to include an equal number of males and females exophoria would be found to occur as often in 1,000 men as in 1,000 women.

TABLE 2.

Students	50	Farmers	3
Accountants	20	Merchants	11
Desk workers	55	Needle workers	40
Professional people	92	Salespeople	7
Stenographers	15	Storekeepers	8
Outdoor workers	7	Housewives	120
Laborers	3		
Mechanics	10	Total	441

Occupation.—Table 2 has to do with the occupation of the 441 exophorics. These workers may be arranged in three groups as follows:

(1) Those who use their eyes at the occupation distance most of the day.

(2) Those who use their eyes little or not at all at the occupation distance.

(3) Those whose days are fairly well divided between general work and near work, *e.g.*, housewives.

Thus the students, accountants, desk workers, stenographers, professional people, needle workers (including loom workers) show a total of 272; the outdoor workers, laborers, mechanics, farmers, merchants, collectors, salesmen, shopkeepers, etc., show a total of 49, while the housewives number 120. In other words, practically two-thirds of the whole number of exophorics were what might be called near workers.

I am inclined to attach some importance to these particular figures; for if one be engaged more or less all day in near work, even though they wear a perfect correction, they are very likely to have some symptoms of discomfort at their work if they present exophoria for infinity; in my experience exophoria at infinity generally means deficiency either in the amount of convergence or in the faculty of using it.

TABLE 3.

Degrees of Exophoria.	*Times found.*	*Degrees of Exophoria.*	*Times found.*
1	95	12	4
2	145	13	1
3	69	14	1
4	29	15	7
5	14	16	1
6	15	17	..
7	9	18	3
8	9	19	..
9	2	20	1
10	12	25	1
11	1		

The degree of exophoria occurring in

[12]The cover test seems to me one of the most valuable tests at the ophthalmologist's service if applied as follows: The patient is made to survey some small object on a homogeneous background (like a blank wall or a small point of light looked at in a mirror across the room; by reflecting the light in this way a good distance can be obtained for the test). With the patient's gaze fixed on the fixation object, a card is carried in front of the eyes from right to left, covering first one eye and then the other. This maneuvre should be repeated from 10 to 15 times to break in *on* the fusion impulse as much as possible, great care being taken that at no time, as the card is being moved, both eyes get a simultaneous view of the object else the point of the test is lost. By attentive observation, the eyes will be seen to give a slight jump in or outward as they are alternately uncovered, unless there be lateral balance or less than one degree of error. This test is wholly an objective one, and its objectivity and accuracy give it great value. If it is desired to make the test subjective (by asking the patient after a few movements with the card whether the fixation object appears to jump from side to side as the card is shifted), it is very readily done. So carried out, it becomes the parallax test, and is of the greatest delicacy, one-fourth of a degree of deviation being easily possible of detection in intelligent patients.

[13]Knapp's Arch., vol. xxv.

[14]"Motor Anomalies of the Eye."

[15]See Risley and Thorington, Jackson, Gould, Ellis and others.

Optical Department.

these 441 cases is shown in Table 3. As in hypermetropia, so in exophoria the smaller degrees of error predominate; the parallel is further borne out by the fact that, as a rule, the smaller deviations carry with them the most marked symptoms, and for the same reason, that they are overcome all day long. Of the whole series of 441 cases 309, or 70 per cent., were of three degrees and under. Only 32 times, or in 41 per cent., did the deviation amount to 10 degrees or more. In seven cases it reached 15 degrees, in three cases 18 degrees, in one case 20 degrees, and in one other 25 degrees. Naturally these last few were practically instances of suppressed (or overcome) divergent strabismus (anatomic exophoria), which will be alluded to later.

TABLE 4.

In 441 cases of exophoria there was associated:			
H + ah in	176	cases	
Ah in	34	"	
H in	46	"	
H + Ah (one eye) H or Ah (other eye)	46	"	
Ahm in	17	"	
Total for H + Ah and allied conditions	319	cases	319
There was associated:			
M + Am in	48	cases	
Am in	16	"	
M in	3	"	
M + Am (one eye), M or Am (other eye)	7	"	
Amh in	16	"	
Total for M + Am and allied conditions	90	cases	90
There was associated antimetropia: (So-called anisometropia) in	32	cases	32
Total			441

(To be continued.)

Optical Notes and Briefs.

As soon as their new building, a six-story structure, occuping the entire block from Gratiot to Monroe Aves., on Farmer St., Detroit, Mich., is completed, Partridge & Blackwell, of that city, will make a large and complete optical department a feature of their new store. A well known optician, now connected with a local wholesale optical house, will be placed in charge. It is expected that the new quarters will be ready for occupancy in November.

F. Rolshoven & Co., Detroit, Mich., are making extensive changes in their store for their new up-to-date optical department. The basement, used by a shoe firm, has been secured, and part of the jewelry stock will be moved downstairs.

Paul Johnston, Chicago, nephew of George Johnston, president of the Johnston Optical Co., Detroit, Mich., has given up his plan of settling in Detroit. He was unable to secure the location which he had in view and has removed to Des Moines, Ia.

W. H. Fritz, Sioux Falls, S. Dak., was recently elected president of the South Dakota Optical Association. The next meeting will be held in Huron, Jan. 15.

Albert Hansen, Seattle, Wash., who has secured additional floor space in his store at the corner of First Ave. and Cherry St., has decided to add a full line of optical goods. The new department will be in charge of H. W. Appleton.

A New Theory of Vision.

WHY do not all objects appear inverted to the eye? says a writer in *Current Literature*. This question has been asked ever since optics became a branch of science. The human eye, consisting of the cornea and the crystalline lens, forms on the retina real but inverted images of all that it beholds.

How are these images reinverted in the brain? Three hundred years have passed since the first attempt of Keppler to explain this puzzle scientifically. The latest theory is barely a year old, but it has gained wide acceptance among scientists and even seems to the Paris *Cosmos* to have elucidated all the obscurities. The theory in question is based upon recently established facts. It has been formulated by a well-known student of ophthalmology—George Poullaine. The study of recent anatomical clinics of the nerve centers and the comparison of sections of the optic nerve in different planes revealed to Mr. Poullaine the existence of a loop or twist in the optic nerve. The twist is in the protuberance of the outer and posterior parts of the optical layer of the brain. "The peculiar conformation explains," says *Cosmos*, "the reinversion of the retinal image."

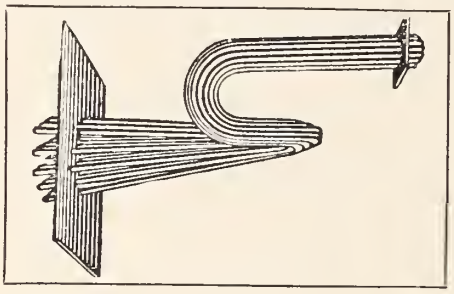


FIG. 1.

[The twisted path of the nerve fibers may be illustrated by the model shown above, in which the 500,000 nerve fibers are represented by 19 wires arranged in the form of a hexagonal prism, of which Fig. 2 shows the cross-section and the distinctive colors given, in the order of the solar spectrum, to the six wires which occupy the angles of the hexagon. By following the paths of the wires through the double curve it will be seen that if the arrangement at the left end is represented by *A*, the arrangement at the right end will be represented by the diagram below, the bundle of wires having, practically, been twisted through two right angles.]

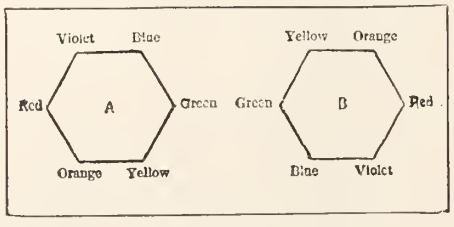


FIG. 2.

The optic nerves, after emerging from the eyeballs, converge to the optic chiasma. Here they partly cross, or seem to exchange part of their fibers. The two nerve bundles thus modified separate and pass around the peduncles. In this part of their course they are known as the optical bands or Grasset's hemiopic nerves. These bands enter the brain. Their fibers can be traced in the pulvinar, where they describe concentric curves. They can be traced, also, in other portions of the optical layer, where they are known as Gratiolet's optic rays.

In order the more correctly to ascertain the paths of the fibers, Poullaine studied and measured sections of the loop made by a horizontal plane and by two vertical planes, anterior, posterior and transverse. The diagrams will explain more fully the method employed.

The theory, according to *Cosmos*, makes it easy to understand the mechanism of the reinversion of the retinal image. The double curve effects a complete reversal of the order of the nerve fibers both from top to bottom and from right to left, the two half-turns being exactly equivalent to a half twist or rotation through 180 degrees about the axis of the bundle.

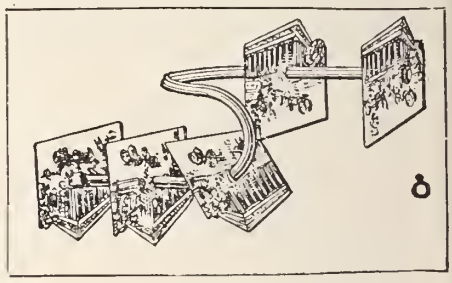


FIG. 3.

[Illustration obtained by threading a picture of a building or other object on a system of two wires of different diameters which are soldered together lengthwise. The wires having been bent in the double curve of the optic nerve, the picture, the hole in which closely fits the wires, is moved along them and is seen to become inverted in traversing the double curve. At the left end of the wires the picture represents the retinal image; at the right, the cerebral image.]

Nebraska's Optometry Bill.

OMAHA, Nebr., Oct. 3.—Appended below is the text of the optometry bill which will be introduced in the Nebraska Legislature at its next session, in January. Nebraska opticians are working strenuously for the success of the measure, and feel confident that their State will be classed among the rest which have recently secured the legislation necessary in order to give the profession the dignity and recognition which it deserves.

AN ACT

To define and regulate the practice of optometry.

Section 1. Definition; Application of Article.—The practice of optometry is defined to be the employment of any means, other than the use of drugs, for the measurement of the powers of vision and the adaptation of lenses for the aid thereof. The provisions of this article shall not be construed to apply to physicians duly licensed to practice medicine under the laws of this State, nor to persons who sell spectacles or eyeglasses on prescription from any duly qualified optometrist or physician, nor to dealers in spectacles and eyeglasses who neither practice nor profess to practice optometry.

Sec. 2. The State Board of Examiners.—The State Board of Regents is hereby authorized and directed on or before June 1, 1907, to appoint a board of examiners in optometry. Such board shall consist of five persons, who shall have been residents of this State actually engaged in the practice of optometry for at least five years, and members of the Nebraska State Optical Society. For the purpose of such appointment, said optical society shall nominate to said Board of Regents twice the number of examiners to be appointed, and thereafter similarly for each vacancy or new

Optical Department.

appointment. The term of each member of said board shall be three years, and until his successor is appointed and vacancies shall be filled for the unexpired term only, but in the original appointment of the members, two shall be appointed for the term of one year, two for two years and one for three years from July 1, 1907.

Sec. 3. Powers of Board.—Said board of examiners shall, subject to the approval of the Regents, make such rules and regulations not inconsistent with the law as may be necessary to the proper performance of his duties, and each member thereof may administer oaths, or take testimony concerning any matter within the jurisdiction of the board.

Sec. 4. Examination; Certificates for Practitioners.—Every person desiring to commence or continue the practice of optometry after Jan. 1, 1908, except as hereinafter provided, shall take an examination before said board of examiners to determine his qualifications therefor. Every candidate successfully passing such examination shall be registered by said board of examiners as possessing the qualifications required by this article, and shall receive from said board a certificate thereof; but any person who shall have been continuously engaged in the practice of optometry for more than two years next prior to the passage of this article shall be entitled, upon submitting proof thereof to said board of examiners, to receive from said board a certificate of exemption from such examination. Every person entitled to a certificate of exemption as herein provided must make application therefor and present the evidence to entitle him thereto on or before Jan. 1, 1908, or he shall be deemed to have waived his right to such certificate. Any certificate issued by said board of examiners may be revoked by the Board of Regents after a hearing upon due notice to the holder thereof.

Sec. 5. Certificate to be Recorded and Displayed.—Every person to whom a certificate of either registration or exemption shall be issued shall immediately cause the same to be recorded in the clerk's office in the county of his residence and principal office wherein he practices optometry. Every person practicing optometry must also display his certificate of registration or exemption in a conspicuous place in the principal office wherein he practices optometry, and whenever required exhibit such certificate to said board of examiners or its authorized representatives. And whenever practicing said profession of optometry outside of, or away from, said office or place of business, he shall deliver to each customer or person so fitted with glasses a bill of purchase which shall contain his signature, home post office address, and the number of his certificate of registration or exemption.

Sec. 6. Fees.—The fee for such examination shall be $15; for a certificate of registration $10, and for a certificate of exemption $5, to be paid to the Board of Regents and constitute a fund for the expenses made necessary by this article. From the fees so paid the Regents shall cause to be paid all necessary expenses incurred in the administration of this article, including the reasonable compensation of the examiners for their services and their necessary expenses; the fee to be paid to the county clerk for recording a certificate shall be 50 cents.

Sec. 7. Violations of Article.—Any violations of the provisions of this article shall be a misdemeanor and courts of special sessions shall have jurisdiction of all such violations. No person not a holder of a certificate of registration or exemption duly issued to him and recorded as above provided shall, after Jan. 1, 1908, practice optometry within this State. The practice of, or offering to practice, optometry, or the public representation of being qualified to practice the same by any person not authorized to practice optometry shall be sufficient evidence of a violation of this article.

Sec. 8. This act shall take effect immediately.

Frank W. Acklin, a retail jeweler of Tyrone, Pa., has been made the defendant in a suit brought against him by Mrs. A. B. Walton, whose deceased husband, it is alleged, for many years prior to his death, had been associated in the jewelry business with Acklin. Mrs. Walton sues for the recovery of 28 shares of bank stock which she avers have been fraudulently retained by the defendant.

A Veteran Optometrist of Myrtle Point, Ore.

THE accompanying illustration shows the optical parlors of M. G. Pohl, an optician of Myrtle Point, Ore. Mr. Pohl is 71 years of age, but nevertheless vigorous and robust for his years. Oregon is one of the coast States which have laws governing the practice of optometry, and since this State has secured legislation almost numberless so-called "doctors" and "professors of optics" have been eliminated.

The number of optometrists capable of passing the examination successfully at



M. G. POHL, ONE OF THE OLDEST OPTOMETRISTS IN THE PACIFIC NORTHWEST.

Salem, according to the list forwarded by the State Board of Examiners in Optometry, is at present 210. At the last examination only 16 out of 64 applicants passed.

Optometry Versus Quackery.

NEW YORK, Oct. 3, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

Perhaps the severest blow that the fakir has ever dealt the legitimate optometrist is the offering for sale so-called $5 eyeglasses for $1.

What makes it hurt the optometrist so much is that a large portion of the glass wearing public is gulled by these enticing "ads.," really believing that they are getting a genuine bargain.

That the methods used by the men who employ such means for advertising are dishonorable cannot be gainsaid. Are not the statements made in such a way as not only to mislead, but to deceive? The first favorite expression was, "$5 solid gold spring eyeglasses, including fine leather case and first-class chain guard, for $1!" The public in general did not realize that a "solid gold spring" does not include solid gold guards and studs, nor did they know that the solid gold spring was about four karats or less. Some dealers added to this that lenses furnished were pebbles; this was a downright falsehood, as pebbles could not be furnished at that price.

Some of the less nervy dealers used the expression "solid gold filled," the word "filled" letting the dealer out, but not comprehended by the public. Then came "solid gold cased" eyeglasses, and now some genius has invented a really ingenious term "solid gold shell eyeglasses."

This latest term shows perhaps this optical art at its zenith, and hence we hope to see this method gradually become less profitable to the fakir. He has overstepped his limit by going so far as to stir up scrupulous optometrists in a body, who will expose the dishonesty of these schemes among so many that it will become known generally that concerns that advertise such goods are not trustworthy.

Optometrists need feel no compunction about condemning unrestrictedly such concerns, and every sincere worker should constitute himself a committee of one to obliterate as effectively as possible this disreputable blot now existing in the optical business. R. L.

John Gaisfield, Indianapolis, Ind., who claims to be the adopted son of the late John Gaisfield, a pawnbroker, who died while on a trip to England, reached Anderson, Ind., recently, to claim the estate. The aged pawnbroker, it is reported, made a will some time ago when he believed himself critically ill, and bequeathed all his property to a church in Anderson. Upon his subsequent recovery he destroyed the will and never made another. A certain amount of jewelry and other valuable stock are said to have been left by him in the care of J. M. Washburn, a retail jeweler of Anderson.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

System in the Retail Jewelry Business

SUGGESTIONS OF A PRACTICAL AND SUCCESSFUL JEWELER

SYSTEM is one of those things which we cannot do without. All planetary bodies move systematically. Aristotle's philosophical method of reasoning began with particulars, and by induction advanced to universals. On the other hand, Plato began his reasoning with universals, and step by step worked down to particulars and details. Yet both of these great philosophers came to the same conclusion—that everything works upon an established system, and must, in order to maintain itself and continue.

The practical jeweler and watchmaker is, by circumstances, outclassed by his fellow merchants in so far as business methods and system are concerned, for most of his time has been spent in thoroughly learning the many different branches of the trade of horologist and jeweler. Hence, when he himself assumes the position of proprietor or manager of a fair-sized store, he is competent in all matters pertaining to the trade, but he lacks the system of business methods. His time has been taken up in the other branches of the business. I will not say there are few, but there are many jewelry stores conducted without system.

System should originate in the office of an establishment, no matter how small that establishment may be. Without a complete set of books a man does not at any time know "where he is at." If the merchant is not an efficient bookkeeper it will pay him to hire one who is competent, and he himself will have more time to attend to the numerous details of his business. As bookkeeping is a subject by itself, we will offer only a few suggestions regarding this branch of the system. There should be kept a ledger, in which all the accounts of the daily business are entered from the journal. A record should be kept of the goods you purchase and of those which you sell on time. To your customers statements should be sent at least every 60 days. When an invoice of a bill of goods is received it should be entered in the journal, from which it is entered on the credit side of the ledger. When paid, it should be charged against the firm from which the invoice came. Aside from this there should be kept a book called Bills Payable and Bills Receivable. The merchant can daily refer to this and learn exactly when a bill is due for the discounts, which he may choose to accept; also when bills or notes due him are matured. The cash book is one of the chief sources by which the manager can at all times see whether the different departments of his business are paying. The pages of this book should contain four columns. The first column should be used for the entries of merchandise sales, the second for repairing, the third for the optical department, and the fourth for incidentals. The other side of the cash book should be the same—merchandise bought, material bought, optical goods bought, wages and incidental expenses. If the store still has another department there should be added an extra column.

MATERIAL AND REPAIRING DEPARTMENT.

This department of the business should be conducted separately. If you have several workmen, the clock, watch and jewelry repairing departments should each be under the supervision of one man, who should be held responsible for all material charged to his department, and for all work done in the department of which he has charge. An inventory of each department should be taken monthly.

There should be kept a book in which is entered all the material bought and used. Each workman should keep a book in which he should enter every day the name of the job he may have worked on, the time consumed and material used. From these books the bookkeeper can post every morning. In this manner it can easily be learned whether the workman is earning his money, whether you are charging too much or too little for the job, etc. In conjunction with this there should also be established a good system of cabinets, in which should be kept each department's material.

KEEPING OLD STOCK.

A jeweler often accumulates "dead" stock and charges it to "hard luck." It is natural to attribute it to luck, but really it is because of a lack of system. Every merchant has experienced a loss of goods, yet it is a question as to how they have disappeared. Some goods turn up damaged and immediately become dead stock. With the proper system such things could not occur without the manager's being able to trace the cause. In the first place, every article should be tagged and the private cost mark scratched on the article. (The latter for the purpose of identifying your own goods when brought in to be exchanged.)

On the tag of each article should be marked the cost and selling price and private mark, and the invoice number. Every article should have an invoice number. The first series may run from 1 to 999. When this is exhausted, start on A1 to A999, and so on. These numbers agree with those in the left column of the invoice book, where the article is described by name, from whom purchased, cost and selling price, etc. Whenever an article is sold, the salesman writes on the sales slip the invoice number, date of sale, clerk's number and the selling price. This slip is turned over to the bookkeeper and the articles are checked off the invoice book as the numbers correspond. For reference in case of error, these slips are kept one year. Suppose, when the yearly invoice is taken, certain articles are missing, not having been checked off previously in the invoice book. This is almost conclusive evidence that they were stolen. Then, again, suppose that No. 80 is still in stock, although your last invoice number is H80. This calls your attention to the fact that the article is not a good seller, and should be sold at cost.

Never keep an old article in stock. Get rid of it at any price, as it cheapens the goods alongside of it. To further carry out the system, each department should be managed by a man who will be responsible. The watches and clocks, for instance, can be in charge of one who must keep them clean and in good shape; the jewelry in charge of another; cut glass and silverware in charge of a third, and so on. Each head of a department should be responsible for all the stock turned over to him. Each must keep his department in good shape. The yearly invoice should be taken by the manager and the bookkeeper. G. H.

For "An Original Window Display for All Hallowe'en" see the Storekeeping Department of the Circular-Weekly, next issue, Oct. 17.

Storekeeping Department.

How the Jeweler Can Meet the Competition of the Mail-Order House.

(*Continued from issue of Oct. 3.*)

DO the retail mail-order houses advertise in your local paper? If they do, it is the fault of you and your brother merchants. The editor of your paper can be easily convinced that the mail-order houses will eventually put him out of business, as well as yourself, by killing off the business of the entire town, but there is no use of your trying to convince him of this fact while he can get yearly contracts for his advertising space from the mail-order houses—for generous space, too—and you are only using his space occasionally. Be generous enough with the editor to put yourself in his place for a while, and you will see that he is making a daily struggle for bread, and the advertisements of the mail-order houses mean cash. He has advertising space to sell; it is his stock in trade, and he must find a market for it.

If you and the other merchants of your town will give this matter some thought you will see that the editor of your paper is doing everything in his power to increase the circulation of his paper, and make it more valuable to advertisers. Of the money he gets from advertisers and subscribers he is putting all in the paper except what is necessary for a bare living.

If he is not now carrying the advertisement of some mail-order house, do not fool yourself into the idea that he has not had a chance to take it. He has probably had the nerve to turn down such advertising because he felt it would be doing his town an injury. If he has done this for the town, you can depend upon his working in every way possible to build up the business of every one of his advertisers, and you should get into that class at once and stay there all the time.

If he now carries mail-order advertising, get your merchants together, and let them all decide to take a good space in the paper for an entire year. Then go to the editor and tell him that you want the paper to be a strictly home paper, and that you do not want it to carry retail mail-order house advertising. Say you are willing to take a good deal more of his space than he would sell to them. If he is the right kind of a man he will meet your views at once. If he is not the right kind of a man, this will be a good time to find it out, and then get another man in the town without delay to run a paper for the town, and be loyal to him.

The trouble with most retailers is, they consider advertising in the local paper worthless, and that whatever space they take is a kind of charity donation to the editor—a great deal like placing an "ad." in a church programme. This is where you are mistaken. Your competitor, the mail-order house, never gives anything for charity, and still it is either advertising in your local paper or would like to do so. If the mail-order house can make it pay, you can.

Remember this: You have goods to sell every day in the week. That should be a reason for advertising every week in the year. Do not wait until just before Christmas to do your advertising—do it all the time. You will find it a paying proposition if you use good judgment. Give your advertising all the thought you can, for it will be a good investment. Never allow identically the same advertisement to appear twice in the same paper. Tell your story in as few words as possible, but make it perfectly plain. Make everyone realize that you always have something new to say, and always quote prices. The people in your neighborhood are thirsting for information, especially on values. That is how your competitor, the retail mail-order house, is getting business. It does not fill advertising space with the announcement that it deals in all kinds of merchandise. It chooses one article in stock, tells all about it, gives a picture of it, and the price it sells for. Watch the other fellow's advertising for pointers, fill your space with a fresh talk each time, and you will do much to down your big competitor.

If the mail-order houses are crowding you, it is up to you to keep every person in your city and surrounding country interested in trading at home, and, if possible, in your store. At any rate, always give them to understand that you and your competitor across the street are both better people to trade with than the mail-order house which belongs to some big corporation in another city.

The easiest, cheapest and most direct way of reaching your trade is through the local paper. You must, of course, take regular advertising space, and make that space as interesting as any other part of the paper; but there is also another side to the local paper. If you are a progressive advertiser you will have a great deal of influence with the paper, for the management will feel friendly towards you. You can also easily give your store the reputation of being a news center by having every clerk watch for all kinds of news, and doing the same thing yourself. This will insure you a call at regular intervals from the reporter, for he naturally goes where he finds the news.

You cannot overestimate the advantage to be gained in this way. You will find the paper to be very liberal with you, to be willing to mention your little store happenings in the news columns occasionally, and also glad to use anything you can furnish which will help to build up the home trade. Right here is where you can gain your greatest advantage. As soon as you find your local paper friendly enough to you to pay attention to what you say, you can unload some of your ideas about the advantages of trading at home, the disadvantages of trading at a distance, the loyalty of people in other cities, which has caused them to develop rapidly, and the hundreds of subjects which naturally arouse the loyalty of the reader and will each have its effect in making him loyal to your town.

When you are in need of good ideas along these lines you can readily refer to your trade papers, and there get a new supply; or you can make it a point to clip the things from your trade papers which you think it would be well for your customers to read, and turn these clippings over to the reporter for the consideration of the editor. In the course of each year you will find dozens of such articles, and unless you clip them for the local paper they never will be used, for your local editor seldom has the opportunity to see your trade paper. The trade papers do not exchange with him, and he is kept pretty busy reading the papers that do exchange.

Do not get it into your head that you would be doing all this work for the good of the paper. You will be doing it for your own good, and the good of all the other merchants of the city. The more you assist in making the news columns of your paper interesting, the more certain can you be that every subscriber of that paper will read everything in it, except the advertisements which are never changed. It is the really interesting paper which is thoroughly read, and there is no news which holds as much interest, issue after issue, as the local happenings.

F. A. P.

(To be continued.)



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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1676.—**Gilding Amalgam.**—*What could we use in order to deaden brilliant gilding? We want to deaden an inner rim so it will contrast with an outer brilliant surface.* *A. D. & Co.*

ANSWER:—Cover the part to be deadened with a mixture composed of 46 parts of aluminate of potash and three parts of sea salt, in five parts of water, heated over a flame until coating is almost transparent. Then immerse in cold water, rinse with hot water and dry.

QUESTION No. 1677.—**Adjusted Watches.**—*I would like to ask what is meant by the high grade watches adjusted to temperature, six positions and isochronism?* *K. B.*

ANSWER:—When watches are advertised as having been adjusted to temperature, six positions, and isochronism, it is meant that such watches are supplied with first class compensated balances, of which the laminæ have been cut and set free from the arm of the balance and have the screws placed in the laminæ shifted to their proper places, according to tests in different temperatures. The six positions to which such watches have been adjusted constitute two horizontal positions with dial up and dial down and four perpendicular positions with 3, 6, 9 and 12 down. These adjustments are made by poising the balance and the balance spring and by certain adjustment to the escapement. The adjustment to isochronism consists in causing the long and short vibrations of the balance to be performed in an equal space of time. This adjustment should precede the six position adjustments and should be re-examined afterward.

QUESTION No. 1678.—**Book on California Gems.**—*Can you advise me where I can get an article entitled "Notes on California Gem Stones"? I own 160 acres in the gem district of San Diego County, this State, and need the book to help me prospect more intelligently for gems.* *S. M. S.*

ANSWER:—We would refer you to the State Mining Bureau, San Francisco, Cal. Enclose 60c. to that bureau, asking it to send you a copy of "Gems and Jewelers' Materials," by Geo. F. Kunz, which contains the article you mention.

QUESTION No. 1679.—**Solution for Nickeling Brass.**—*Will you kindly let me know how to make a small solution for nickeling brass? I have a lamp battery of 12 lamps which I use for Roman coloring, and I would like to use the same for nickeling brass pieces.* *S. M.*

ANSWER:—A nickel solution is best made by dissolving about one pound of nickel salts to each gallon of water. The water should be warmed, which will dissolve the salt more readily. After this filter in order to remove particles that are usually in the salts. If the brass pieces are small, then the current may be strong enough to nickel the pieces, but large pieces will require a stronger current than that which is usually used for coloring. The pieces should be finely polished before nickeling, and the potashing and cleaning, preparatory to the nickeling, should be done so that the pieces are not stained or the polish destroyed. After nickeling, buff with Vienna lime on a loose buff.

QUESTION No. 1680.—**Brass Solution Replenisher.**—*We have a brass solution that worked very satisfactorily until a short time ago, but now the work is streaked and uneven. Can you suggest a remedy.* *A. B. S.*

ANSWER:—Your brass solution needs replenishing, which can be done by dissolving two pounds of carbonate of soda; one pound of bisulphate of soda; 4 pounds of zinc carbonate and 6 pounds of copper carbonate in as small amount of water as possible, adding sufficient cyanide to produce a clear solution. The above should be added in small quantities until a good result is obtained.

QUESTION No. 1681.—**Recovering Tin from Dross.**—*How can I recover tin from the dross and skimmings?* *R. T.*

ANSWER:—Tin can be separated from the dross by the inclined pan, heated and stirred so the tin will run out. Another way is to put the dross in a crucible and add some cheap flour and carbonate of soda; heat the dross and the tin will separate.

Green Finish on Art Goods.

ONE of the best processes that is now employed in order to put a finish on art metal wares is known as the iodine method, and gives excellent results, expense being a secondary consideration. The effect is obtained by producing a deposit of iodide of silver on metallic silver. The article, therefore, must first be plated with silver and a good deposit should be obtained. After plating the article, buff it, and polish; then place it in a potash or lye solution in order to remove all traces of grease, and rinse well. Next immerse in the usual cyanide dip and rinse. A solution of iodine is then applied (as a bath), and an iodide of silver is formed on the surface of the article, which, under the action of light, first becomes yellow, then green, and finally a slate green. A few hours' exposure to light gives the desired finish.

The iodine solution is made by dissolving 1¼ ozs. iodine and 1¼ ozs. iodite of potash in ½ pt. of hot water, which must be made up to one gallon. Use a porcelain dish for dissolving the iodine and iodite, but the solution may be finally put into a stone or earthen ware bowl, then filter. Use the bath as near the boiling point as possible, so that the iodine may act quickly; the solution, however, must not boil. The article should be kept moving in the hot bath, so that all parts may be equally exposed to the action of the iodine.

The average time for immersion in the bath is from one to two minutes. When the desired color is obtained, rinse in hot water (but do not dry in saw dust). Polish with a soft buff. The surface must not be lacquered, but left as finished by the buff. Other finishes for copperwork are black nickel plate, the royal copper finish, and dark gray finish, all of which are obtained by chemical means. E. F.

Tempering Copper by Means of Sodium.

A PROCESS has been patented by John A. Yunck, of South Orange, N. J. (U. S. Patent 825,100, July 3, 1906) for making sound, copper castings and at the same time tempering them. Use is made of sodium or potassium for this purpose.

The inventor prefers to produce the sodium or potassium in the crucible rather than to add it directly, and for this purpose employs a flux which will produce them. He uses the following mixture:

Soda ash	60 lbs.
Chalk	5 lbs.
Ground coke	35 lbs.

The mass is mixed with water and dried. It is then ready for use. The object of the lime is for a retarder. It serves to prevent the sodium from escaping before the right heat is reached. It also serves to keep the flux from becoming too fluid and attacking the crucible.

The copper is melted in the usual manner and about five pounds of the flux are added to every 100 pounds of copper. Half of the flux is introduced into the crucible with the copper and the remainder after the copper is melted. The flux is allowed to act five or 10 minutes after the copper is melted, and it is then poured into castings.

The same effect is obtained by the use of cream of tartar in place of soda ash and lime as the heat converts the tartaric acid into carbon which acts like the coke. In either instance, whether soda-ash or cream of tartar is used, the ultimate effect is said to be the same. The copper is free from blowholes and is very homogeneous.

The theory of the action of the flux is that the carbon reduces the sodium from the soda-ash and sets it free. It then combines with the copper and reduces the oxide which it contains.

The inventor states that if the copper so cast is allowed to slowly cool it becomes very hard. But if it is cooled rapidly by quenching in water, it is soft. It is probable that sodium, if properly introduced, would give the same results as the flux. The reduction of the sodium in the crucible, however, is not only much more economical but free from the danger that accompanies its introduction.—*The Brass World.*



Historic Sèvres

Associations of Unique Interest.
Plaything of Royalty.
Famous Colors.

THE PRIDE OF FRANCE, Sèvres Porcelains exerted an influence over the ceramics of the entire Continent. Nurtured and fostered by Royalty, they survived the wreck of dynasties to be continued by the French Government for the purposes of state gifts.

The ware naturally embodies and reflects its interesting history. Every shape and form, every scene and decoration, every tint and color has its own story and significance. The porcelains are particularly appropriate, in harmony with general "period" schemes of decoration.

The exhibits of this famous style here shown afford ample variety for selection. They are necessary to a well equipped Art Department.

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The Pots and Drinking Vessels of Ancient Greece*

A Short History and Description of Some of the Important Classical Shapes Now Used in Pottery and Metal Ware.

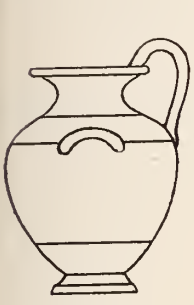
(Continued from issue of Oct. 3.)

DISTRIBUTING VESSELS.

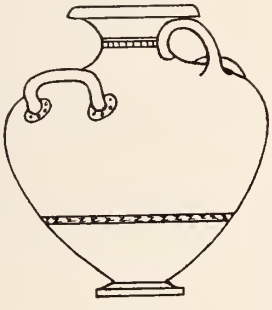
THE *Cadus,* or cask, mentioned in ancient writings as being of service during banquets, is buried in doubt as to its physical features. The best informed writers on the art of the ancient potter believe the *cadus* to have been a species of bucket (*sistula*).

* * *

The *Hydria,* or water-carrier, was one of



HYDRIA.



CALPIS.

the most abundantly used vessels of the ancients. As its name implies, its purpose was to fetch water from the well or fountain, and was carried on the head. Going to the well the *hydria* was carried on the head horizontally, but returning the filled vessel was necessarily held in vertical position. At first sight this vessel appears of inappropriate form for these balancing purposes.



LECYTHUS.



ARYBALLOS (EARLY TYPE).



ARYBALLOS (LATER TYPE).

But the laws of physics were taken into consideration, as you will see if you take a stick, weighted at one end, and attempt to balance it on your hand perpendicularly. With the heaviest end uppermost it retains easiest its equilibrium, as would the vase with its taper increasing vertically. But when empty the *hydria* is undoubtedly easier to balance on the head when in reclining pose. And the figures in ancient pottery depicting the water carriers going and coming from the fountain with these transposed positions of their water vessels are explained when we remember these physical laws.

The Italians call this water pitcher *vaso a trè maniche* (vase of three handles). While the two smaller handles at its sides are useful for raising the vessel, the larger handle at the back, reaching up beyond the rim, assisted better for pouring out the contents. The *hydria* had, as the accompanying sketch shows, a heavy body with narrow neck. In its decoration the background was usually black and pictured two separate subjects, the one around the main body and the other on the neck or shoulder.



BOMBYLOS.



ALABASTRON.

Connoisseurs call the latter a frieze. The *hydria* was also used to hold the judges' votes, and the ashes of the cremated dead were often placed in this beautiful form of vase, which was often made of bronze or the noble metals, as well as potters' clay.

* * *

The *Kalpis,* or *Calpis,* a form of *hydria* of later date, had its neck shorter and its body more spherical. Its three handles were cylindrical, but, as a glance at the engraving shows, the handle at back of the vase does not extend beyond the rim, as is the case with the *hydria.*

The judges' lots were often cast in the *kalpis,* and unguents are said to have been kept in them.

* * *

The *Crossos,* a two-handled utensil, was used for drawing water; its form is unknown. The *Cothon* was probably used for drinking as well as drawing water.

The *Lecythus,* or cruet, was in the main intended to hold oil, but was sometimes filled with unguents. Of tall, cylindrical thick walls to withstand rough usage, it was especially adapted for the athletes in their active training. It was of long, narrow neck and very reduced outlet, thereby permitting but a small portion at a time of the oil, unguent or balsam it contained to escape. This cruet, or flask, had a flat-banded handle, and was carried to the gymnasium hanging by a strap to which a *strigil* was attached. The Greek athlete, before entering on his physical exercises, rubbed his skin over thoroughly with oil. His exertions ended, he rubbed sand over



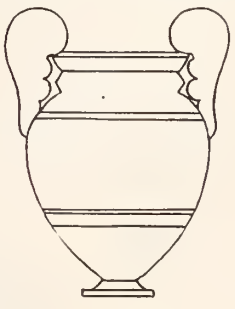
LATE ARYBALLOS OR LECYTHUS.



CRATER (EARLY TYPE).

his body to eliminate the oil, and finished the cleaning process with his *strigil,* a bone, metal or ivory utensil with which he scraped his skin. In later days the ancient Greek used baths, and ablutions took the place of the *strigil.*

The mouth of the *lecythus* flanged out to form a cup-shaped outlet. Though usually of terra-cotta, the vessel was some-



CRATER.



VOLUTE HANDLE.

times made of metal, and was often used as a funeral vase. Rarely did the lecythus stand over 15 or 16 inches high. Earlier examples were decorated with black figures, but later the handsomest style was in red and some had a white background. The form also changed, the earlier somewhat convex shoulder becoming flattened, thereby

*All members of the jewelry trade are permitted to use all or any part of "The Pots and Drinking Vessels of Ancient Greece" in printing pamphlets, etc., if they give THE CIRCULAR-WEEKLY due credit in publishing such matter.

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TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES. Over 4,000 Marks. Second Edition. Price, $3.00. The Jewelers' Circular Pub. Co., 11 John St., N. Y.

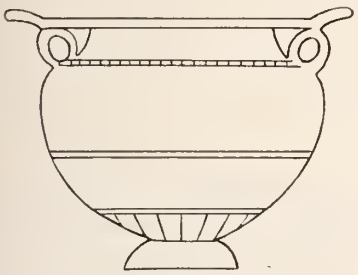
rendering the neck longer. Figures were depicted on the shoulder of the latest examples.

* * *

The *Aryballos,* named from its resemblance to a ball, had a spherieal body and short neek with disk or flat flanged rim, and was fashioned, like the *lecythus,* to carry oil to the gymnasium. It later took on a small foot and eup-shaped rim, similar to the latter. At a still later period an enlargement of the foot occurred, in which form it is sometimes termed a *lecythus.* It was also probably used for the toilet.

* * *

The *Bombylos* was a small vase similar to the early type *aryballos,* but is supposed



CELEBE CRATER.

to have had an egg-shaped body and very small handle and short neck. It receives its name from a buzzing or gurgling sound made in emitting its contents drop by drop. It held perfumes principally.

* * *

The *Alabastron,* a kind of *lecythus,* derived its title from the oriental alabaster from which it was formed. It held oils, unguents, eosmetics, perfumes or paint, and was strietly a toilet vase. It originated in Egypt, examples emanating from which country are still extant, though of terracotta eonstruction. The *alabastron,* though usually of rounded base, is occasionally met with having a foot. It has a disk-shaped rim and two small projections on its



OXYBAPHON CRATER.

sides to hinder its slipping from the hand, or by which to suspend it to the wall by aid of a cord. The subjeets ornamenting its surface, as might be expected, mostly depicted female domestic life.

* * *

The *Crater* was the large, wide-mouthed bowl or tank in which the Greeks kept their supply of wine, mixed with snow and water, in readiness for immediate service. Inasmueh as the well-to-do Greeks partook of very liberal proportions of wine at their dinners, and as they were very free in inviting guests to "wine and dine" with them, the voluminous proportions of this wine eooler were a neeessity. (They held from three to four gallons usually.) Henee its chief distinction from the *amphora* is apparent in its mouth being so large as to permit of the contents being easily dipped out by jugs. The body was usually of semi-oval form, but an early type had a flaring shape, as shown in the cut on the preceding page.

Aneient writers mention several speeies of *craters* under the following denominations: Lesbian, Theraelean, Laeonian and Corinthian. Little or nothing is known as to the styles these different uames imply. Certain very large vases with volute or medallion handles and exceeding ornate in their deeorative subjects, usually termed Apulian vases, are probably *craters,* judging from the width of the mouths, though the rule respecting the eraters' handles appears to have been to keep them from reaching above the rim of the opening and to retain diminutive proportions, just sufficient for occasional carriage.

Among the styles of craters more or less clearly known might be mentioned the *Celebe* (or *Kelebe*) of broader, more expanded, oval body and extended rim, to which the superior portion of the two handles was attached. Some are said to have had *columnar* handles extending around beneath this rim. The one pictured here has arched handles.

The *Oxybaphon* was a prevailing form, reaching toward the bell shape. It was usually decorated with red figures.

A stand, the *Hypocraterion,* was often used, probably both for safety (the crater's foot, you will notice, is so small as to permit danger of upsetting) and to gain a more convenient height. It was a sort of hollow, cylindrical base, having an "egg and tongue" molding as a decorative feature and a reeded body. Placed on this *hypocraterion,* the *crater* became elevated from the ground nearly four feet. These *hypocrateria,* or *hypocrateridia,* derived their existence from the Egyptians, but the latter made them taller and trumpet-shaped.

(To be continued.)

The Bake of Ancient Pottery.

AN essential difference between antique and modern ceramies is that the ancients never knew of the incandescent heat ovens producing hard earthenware that is in use to-day. In these days faiences and poreelains are baked at a temperature of 1,500 degrees to 2,000 degrees, and higher, even. M. Le Chatelier, professor of the College de France, was desirous of analyzing for me some fragments of pottery belonging to the different epochs and to prove the temperature of the bake that sustains the ancient colors. At about 950 degrees the argilaceous *pate* changed and the black color melted; at 1,000 the argile beeame gray; at 1,200 it melted; the red did not melt till about 1,200. Thus we ean place at between 900 and 950 the degree of baking usual for the vases with black or red figures.

This is why the earth remains tender, easy to scratch with one's finger nails; it retains enough porosity to be sensible to humidity even in the glass show cases of a museum. Saltpeter soon forms on the vases that do not get sunshine regularly.—Edmond Pottier, in *L'Art Pour Tous.*



RICH FRENCH CHINA WITH ENCRUSTED GOLD.

ATTRACTIVE new lines of decorated china are being shown for the present season's trade by Wm. Guerin & Co., Limoges, France, at their New York salesrooms, 33 Park Pl. The exhibit is especially notable for the encrusted gold borders, the class of goods which appeals especially to jewelers carrying china. The borders come in royal blue Sevres style, in gold lace effects and in bands of plain gold with scalloped rims. In vases the assortment of Sèvres blue style with figure paintings, the work of well known French artists, continues a feature of the exhibit and embraces many new and pleasing effects.

*

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IT is the intention of the Ornamental Bronze & Plate Co., Kingston, N. Y., to operate to its full capacity the plant formerly operated by the Colonial Bronze & Silver Co. The new company announces that with its ample facilities it expects to meet the demands of its trade by manufacturing a wide variety of elocks, bronzes, statues, eandelabra and novelties of various kinds. The unfilled orders of the old concern have been placed with the new company.

*

NOVEL EFFECTS IN DOMESTIC POTTERY.

GRUEBY faience occupies two prominent tables in the pottery display of Tiffany & Co., New York. The company recently concluded arrangements with the manufacturers to control the product in New York. The colors are chiefly green and yellow, and include some new effects in mottled blues. Designs of a ehaste and pleasing character are applied in the ornamentation of many of the vases. Among the scores of articles shown, no two are alike, and the excellence of the exhibit is due in large part to the judgment of A. V. Rose, the company's buyer, in making selections. Among the novelties are tiles in fanciful designs. These squares may be obtained in sufficient number for mantel purposes, or a single piece may be used as a holder for a teapot or a hot water jug, or for any similar purpose.

THE RAMBLER.

Chas. H. Bard, Sedalia, Mo., has recovered the four gold-filled watch cases and several watch charms whieh were stolen from his store, Aug. 24. The thief, a negro, was taken into custody in Kansas City. The Jewelers Security Allianee had offered a reward of $100 for the recovery of the property.

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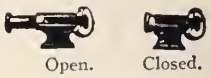


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Education and Its Place in the Art Industries in Germany.

[Translated expressly for THE JEWELERS' CIRCULAR-WEEKLY from *Le Moniteur de la Bijouterie et de l'Horlogerie.*]
(*Continued from issue of Sept.* 26.)

THE organizers of the museum were of opinion that the collections which were enclosed behind glass in cases at Dusseldorf would hardly be of much use to the associates of Aix-la-Chapelle, Coblentz, Cologne, Treves, Crefeld, etc. Consequently the system of circulation of these collections by means of traveling expositions was immediately adopted, and it was decided that the Central Association would endeavor to create local societies all over the region, which would organize circulation among themselves, and that they should endeavor to syndicate all existing societies in order that they might benefit in this work of instruction and propaganda. Two years later 7,000 members had asked for affiliation.

After the organization of the museum came that of a library, all the documents in which are sent to the homes of the members; then that of a Bureau of Corrections, to be consulted at the library or through private correspondence. Finally, the association undertook to make inquiries on the situation and the needs of the local art industries, to encourage and even to undertake, by its own resources, the creation of novelties, the restoration of industries which had disappeared, and to encourage by subsidies and advice the workers who would bring back suggestions from abroad containing any ideas relating to schools of art.

As its first care in the organization of the museum had been to unite art and science, so did the association aim to unite in its staff and in its instructive tools commerce and production. It is not all to make things; you must sell them. A special agency receives and communicates immediately to those interested everything relating to the questions of importation and exportation; while periodical expositions make known to the public the productions of the art industries of the region.

The *"Central Gewerbeverein"* of Dusseldorf, which commenced modestly with a capital of 250,000 francs, has made of the locality over which it exercises its influence a region of art industries.

One of the peculiarities characteristic of the German associations for the development of art industries is their make-up of elements which are most varied, from the social point of view. What in France we have agreed to call the industrial and commercial aristocracy mingles cordially with the trades people whom we consider inferiors, one has never known why. Smelters shake hands with silversmiths, white metal workers and lamp makers with cabinet makers and glass producers. Architects rub elbows with stone cutters and wall painters; and the masonry contractors, the water and gas plumbers, fraternize with the ceramists and the civil engineers. Everybody lives on the plane of his companion in an ideal community: "Our country ever greater, ever more prosperous, ever more glorious." Nor is there separation between workers and merchants; the latter considering that equally with the former their interests lie in the development of art industries, while the workers look upon the co-operation of the merchants as indispensable to the success of the association.

The administrative councils of these associations are composed along the same lines. Thus, that of the Bavarian Society of Industrial Arts includes four professors of industrial art, two committeemen of the industrial art museums, two decorative painters, seven architects, four jewelers, one cabinet maker, eight clock makers, one bronze worker, one landscape gardener, two merchants, two common counsellors of commerce, one wholesale merchant, one locksmith for buildings, one chaser, one goldsmith, one builder, four state officials, one grand master at the Court of the Regency, and one art writer.

The administrative councils delegate the direction to competent persons who receive such authority and responsibility as is necessary for perfect action.

For these directors the museums and the libraries are arsenals where in view of approaching battle the artists and the workmen come for their equipment; they are not cases of curiosities visited by learned personages, by amateurs, and whose contents are to be accurately classified, dusted devoutly, for the edification of snobbish collectors. True missionaries of art as they are, the directors come and go everywhere they can be useful to artists, work people or merchants by their information or their advice; they are constantly at the source of everything everywhere which is doing, or projected, in order to be the first to learn all secrets and tell them to those interested; they ingeniously discover all active and rapid processes of propaganda to apply them to their city and regional industries. Their exclusive and constant preoccupation is to extend as widely as possible the sphere of influence and the services of the association. In order to develop emulation and to give a virile impulse to ideas the Society Federations meet each year in different cities, named a year in advance by the General Committee. These assemblies are the occasions of a Congress and Festivities, in which the populations of the localities are skilfully brought to take interest.

For these reasons the *"Kunstgewerbevereins"* are making constant progress. That of Dusseldorf has, in 10 years, seen the number of those affiliated doubled; today they figure at more than 15,000. From the 100 which they were in 1887 the members of the Hamburg Society have become 800. The *"Deutscher Kunstgewerbeverein"* of Berlin in 1878 had only 314 members; at present there are 1,363.

The generality of these associations organize during the fine weather, on holidays and Sundays, collective excursions at reduced rates to visit picturesque places, artistic cities and industrial centers. These excursions aid in creating friendly relations between members. They lead women and young girls to interest themselves in those questions of art and industry to which French women, alas! remain indifferent, if not more than indifferent, because of their ideas, their habits and their education.

[THE END.]

Skinner & Flagg have succeeded Clarence Flagg, Turner's Falls, Mass.

Artificial Gems.

REAL gems are distinguished by hardness and luster, and in the case of colored gems, by the splendor or play of colors which they display, says a writer in the *Watchmaker, Jeweler, Silversmith and Optician.* They owe a large additional value to their scarcity, and the increasing demand for them has powerfully induced chemists first to make imitations of gems, but of late to produce real gems by artificial means. These attempts were naturally first directed to gems of simple composition, and it so happens that the most valuable of them—the diamond, the sapphire and the ruby—have the simplest composition of all.

The diamond is the element carbon and the other two are crystallized alumina. So far, in spite of the researches of Moissan, and the powerful aid of the electric furnace—one of the latest and most important aids to chemical research—artificial diamonds, although they have been made, are very small, and actually cost the producer more money than he would have to disburse for even larger natural diamonds.

More success has attended the efforts to make artificial rubies, and especially those of French chemists. As early as 1839 Gaudin tried to fuse alumina to a transparent state. Unfortunately, his rubies, although transparent at first, became opaque on keeping through subsidiary crystallization. Charles Friedel took up the work in the 80's, and prepared rubies by casting fused alumina in a mould. He could not, however, obtain his gems free from air bubbles. Owing to the presence of these bubbles the artificial gem had a distinctly smaller specific gravity than the natural stone.

When, however, Verneuil took up the work, he discovered that alumina remained transparent after cooling when it had been exposed to a temperature not exceeding that absolutely required for its liquefaction. He, however, found another difficulty at first—namely, that his rubies were very brittle and would not stand cutting. At last, after much work, he succeeded in making rubies up to 15 carats, and the process he arrived at is now in commercial use, as it is almost impossible to distinguish its products from natural gems.

The alumina is mixed with a little sesquioxide of chromium, both in the finest possible powder, and the mixture is heated up to fusion point very gradually by slowly approaching the blow-pipe flame. Once the mass has been fused it must be withdrawn from the heat, even more slowly than it approached it, as the more gradual the cooling is the more likely the result is to be satisfactory. As it is, failures constantly occur, for reasons as yet unknown; but, nevertheless, a large percentage of the operations yields perfect rubies, equal in beauty to the natural stone.

Ekengren & Co., Olathe, Kans., have been succeeded by Ralston Walker.

Joseph De Lorenzi, president of the Mishawaka Business Men's Association, Mishawaka, Ind., was among those who attended the recent stag dinner held in Anderson, Ind., in honor of the executive board of the Indiana Retail Merchants' Association.

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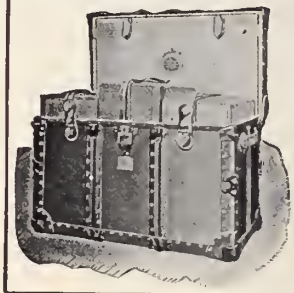
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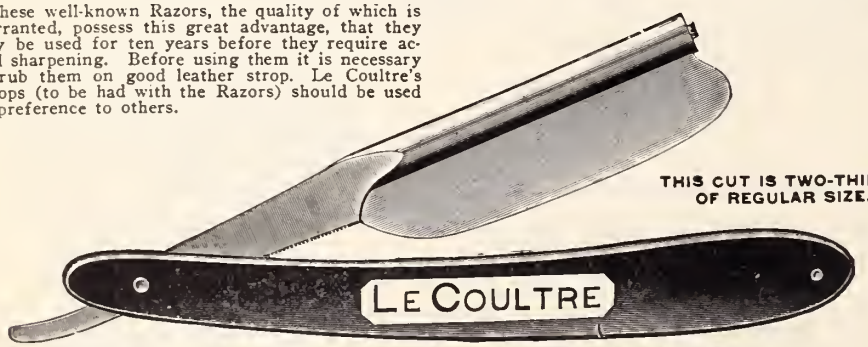
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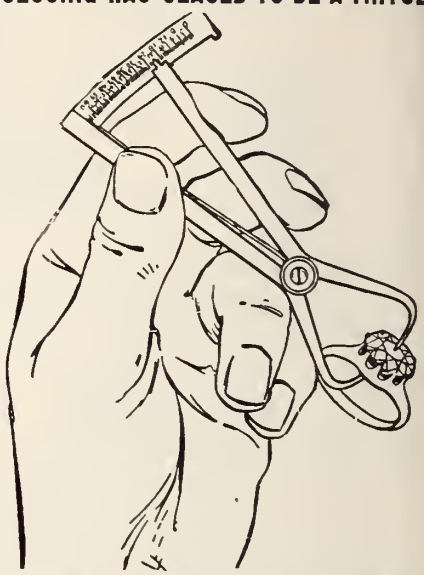
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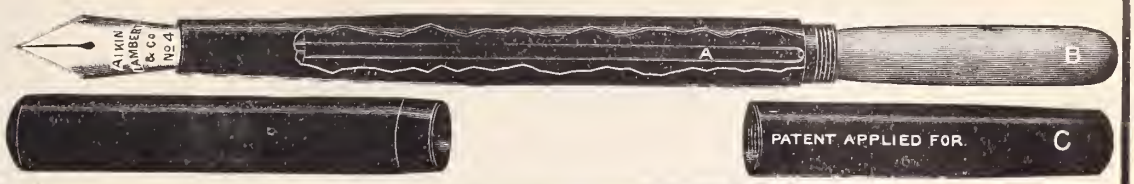
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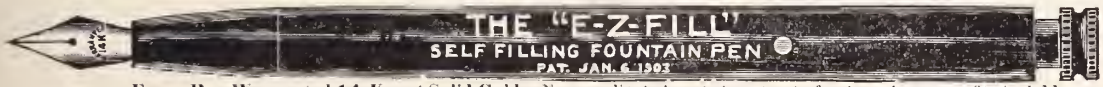
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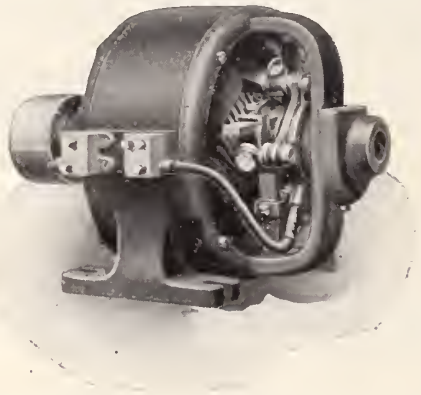
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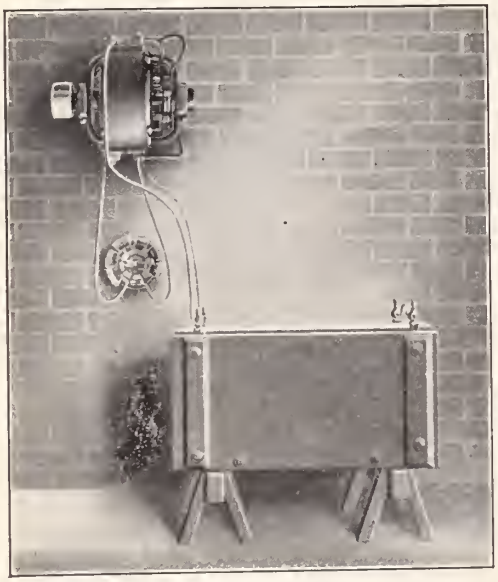
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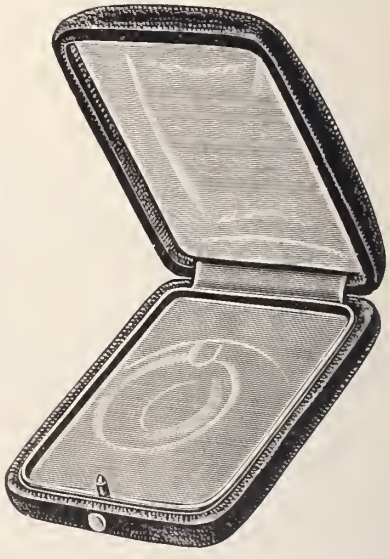
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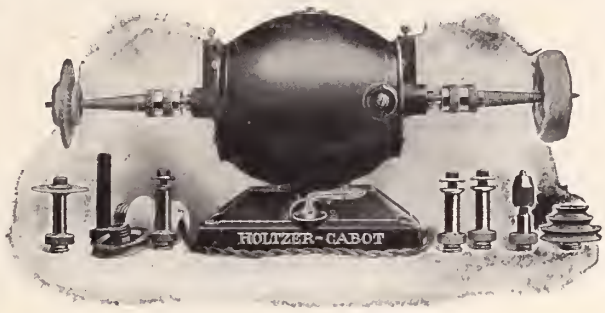
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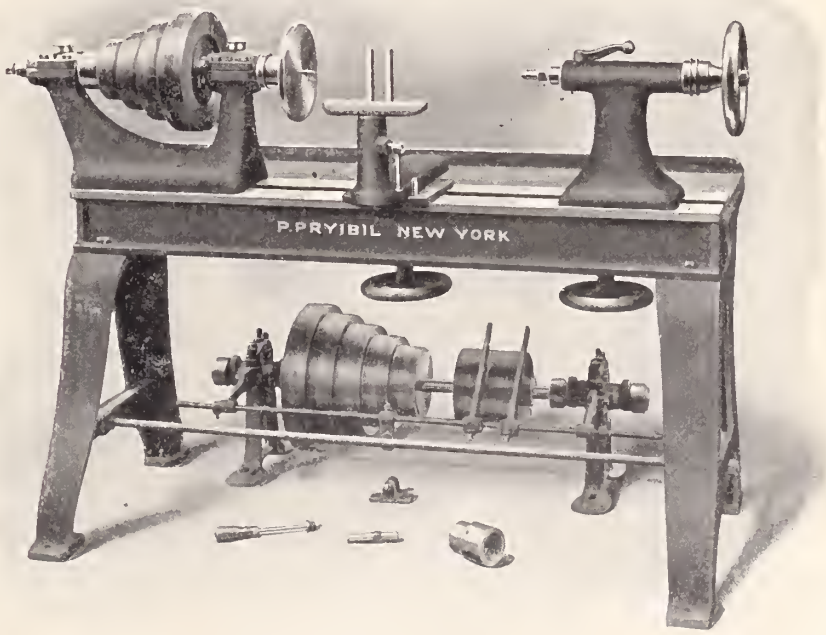
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95 John Street,
NEW YORK.





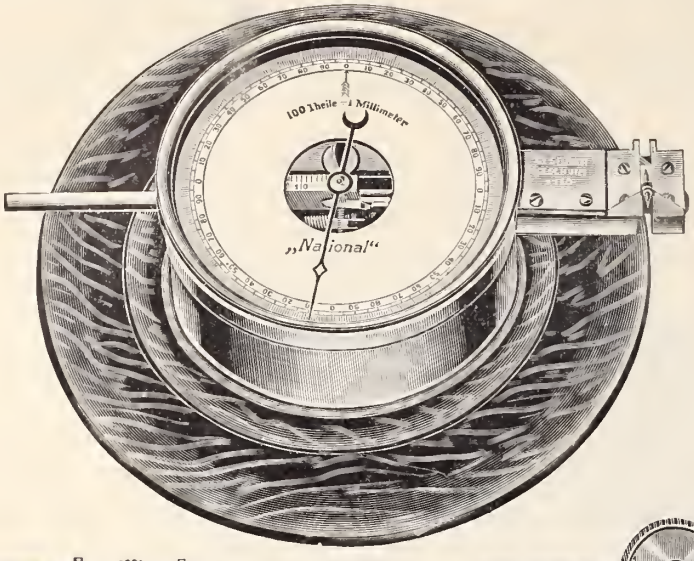
Above Cut Shows Our

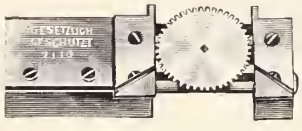
METAL SPINNING LATHE

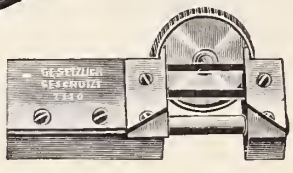
We manufacture these lathes in sizes from 12-inch to 44-inch Swing, and can equip sizes 18-inch and larger with our Chucks for oval work.

Write for Catalogue

P. PRYIBIL, 512-524 W. 41st St., New York.



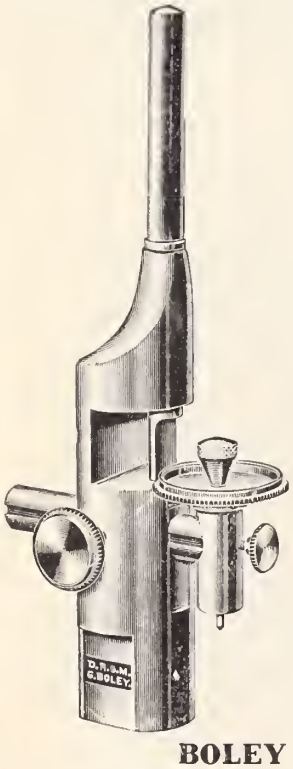




"NATIONAL" MICROMETER GAUGE.

The 100th part of a Millimeter can be easily read on the Dial of this Gauge. The most aeeurate artiele made. Suitable for measuring articles of the most delieate nature, such as Jewels, Pivots of Staffs, Roller Pins, etc., up to artieles one inch in diameter. For taking interior measurements, use gauge as shown on sketeh, allowing 2 mm. for thickness of the two Jaws. A beautiful piece of workmanship whieh should not be miss'ng from the beneches of eareful workers.

Price, $18.00





BOLEY HAIRSPRING TABLE.

Practical tool. for laying and otherwise manipulating the hairspring. Pressing together the two buttons on the side closes the two fine prongs which project through the center of the plate. After having plaeed the collet over these prongs, and releasing the pressure upon the buttons, the prongs will spread apart and clamp the collet very tightly, permitting the use of the two hands, while laying, bending or "Bregueting" hairsprings. The plate is made of matted aluminum, showing up the coils of the spring to the best advantage.

Price, $1.50

BOLEY BARREL STRETCHER.

A thoroughly well-made and praetieal tool for stretching the teeth of mainspring barrels, when same are found to be worn and of insuffieient depth.

Price, $2.00

For sale by all jobbers in the United States and Canada.

Hammel, Riglander & Co.

47 and 49 Maiden Lane NEW YORK

You Can Easily Operate This Typewriter Yourself



Don't worry your correspondent.

Don't write him anything by hand that takes him time to make out—that may leave him in doubt—that he can't easily read.

And don't fill out legal papers or card memos—or make out accounts or hotel menus in your own handwriting.

It looks bad, reflects on your standing, makes people think you can't afford a stenographer, and is sometimes ambiguous.

You can write out your letters—make out an abstract—fill in an insurance policy—enter your card memos—make out your accounts, or a hotel menu—or do any kind of writing you need, on any kind, size or thickness of paper, and space any way you want on

The OLIVER Typewriter

The Standard Visible Writer

You can write any of these things yourself if you do not happen to have a stenographer.

For you can easily learn, with a little practice, to write just as rapidly, and as perfectly, as an expert operator on the OLIVER. Because the OLIVER is the simplified typewriter. And you can see every word you write. About 80% more durable than any other typewriter, because it has about 80% less wearing points than most other typewriters.

80% easier to write with than these other complicated, intricate machines that require "humoring"—technical knowledge—long practice and special skill to operate.

Than machines which cannot be adjusted to any special space—with which it is impossible to write abstracts, insurance policies, or odd-sized documents except you buy expensive special attachments requiring experts to operate.

You can adjust the OLIVER to any reasonable space—you can write on any reasonable size and thickness of paper, right out to the very edge, without the aid of any expensive attachment or special skill, and your work will be neat appearing, legible and clear.

For the OLIVER is the typewriter for the doctor, the lawyer, the insurance agent, the merchant, the hotel proprietor—or any man who does his own writing.

Write us now for our booklet on the simplified features of the OLIVER.

***The* OLIVER Typewriter Co.**
310 Broadway
NEW YORK CITY, N. Y.

JACOB BASCHKOPF,
DIAMOND SETTER,
LETTER AND MONOGRAM
ENGRAVER,
Room 701 Jewelers' Bldg.
9-13 MAIDEN LANE,
NEW YORK.

EDMUND R. NEBELING
Diamond Setter
49 Maiden Lane - NEW YORK
Telephone, 6039 John
Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

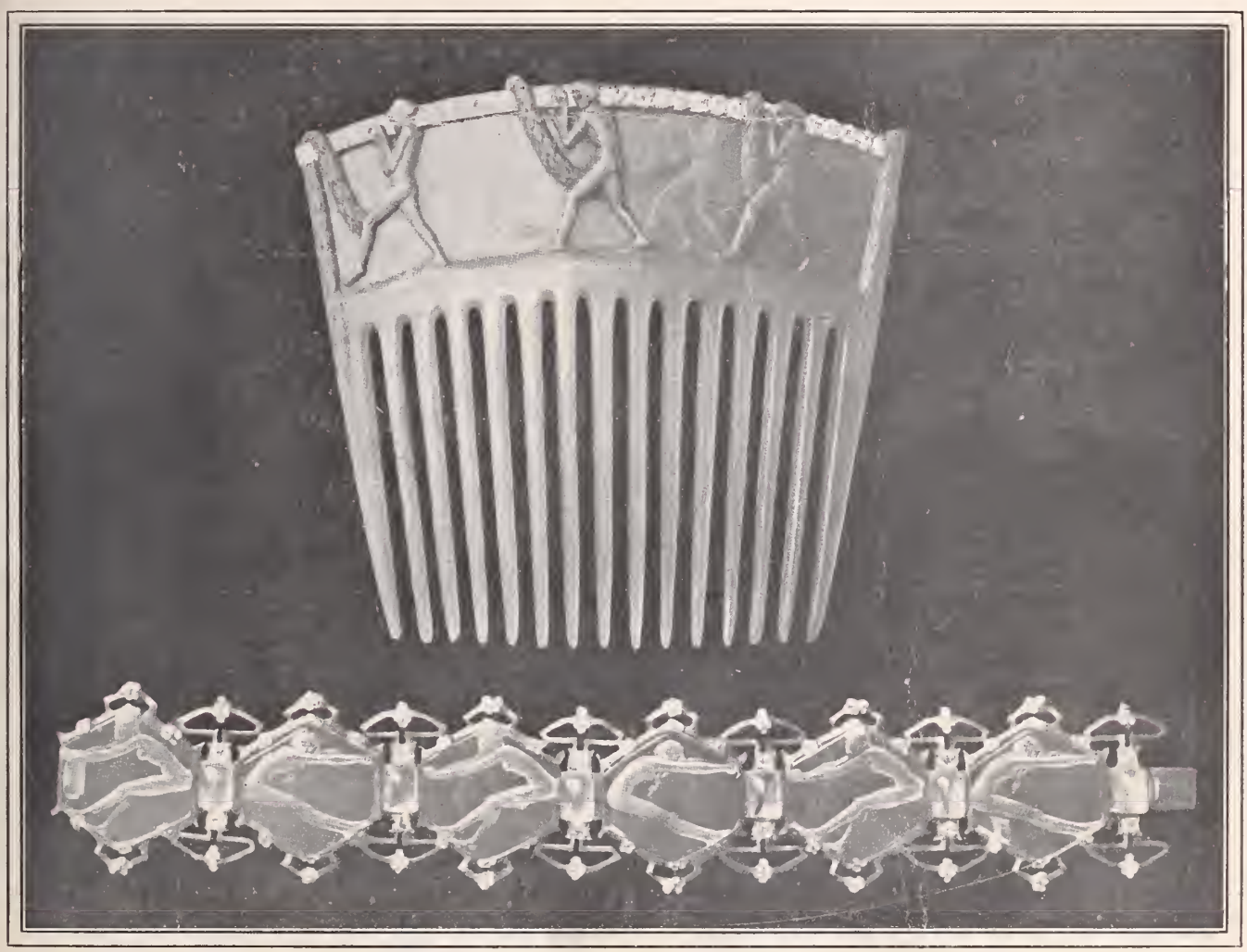
THE HOROLOGICAL REVIEW,
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

Copyright 1906 by
The Jewelers' Circular
Publishing Company.

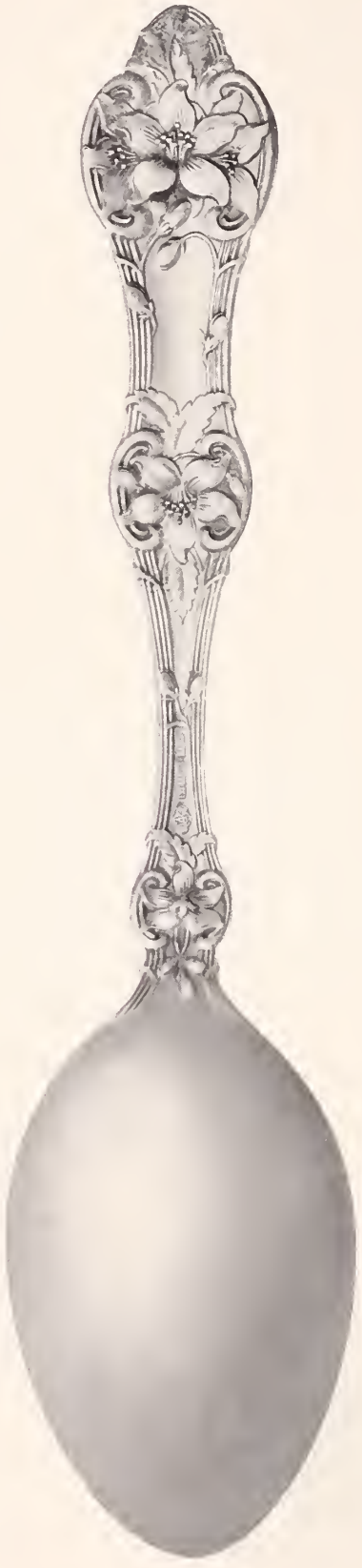
38th Year. WEDNESDAY, OCTOBER 17, 1906. Vol. LIII. No. 11.



Comb and Bracelet by Lalique Exhibited at the 1906 Salon of the French Artists.

(*See Text on Page 49.*)

The Orange Blossom Pattern



Orange Blossoms are always associated with weddings.

If you have any wedding presents to furnish or suggest, show the Orange Blossom Pattern of Flatware—the full line of ounce goods and cutlery for large presents, or fancy pieces for more moderate presents—and be sure of pleasing your customer.

Now is the time to have your stock well assorted with appropriate wedding flatware.

Write for price list.

TRADE MARK

ALVIN MFG. CO.

Silversmiths

NEW YORK

In these days of sharp competition, and price cutting, it is worth something to know you are protected—and by whom.

The jewelers who have come in competition with the mail-order houses, and whose profits have suffered in accordance, will appreciate the fact that Fahys Gold-filled Cases are not represented in the mail-order house catalogues, and by selecting Fahys Cases will avoid such competition.

In taking this action we are consulting the welfare of the retail jeweler as well as ourselves, and feel sure reciprocity on the part of the jeweler will follow.

JOSEPH FAHYS & CO.



THE other doors *may* lead there, but ours is a straightforward way. By cutting the diamonds, we produce the goods at the least possible cost. We market them in the least expensive way. So we can sell them at lower prices than others. Doesn't this seem reasonable?

J. R. WOOD & SONS

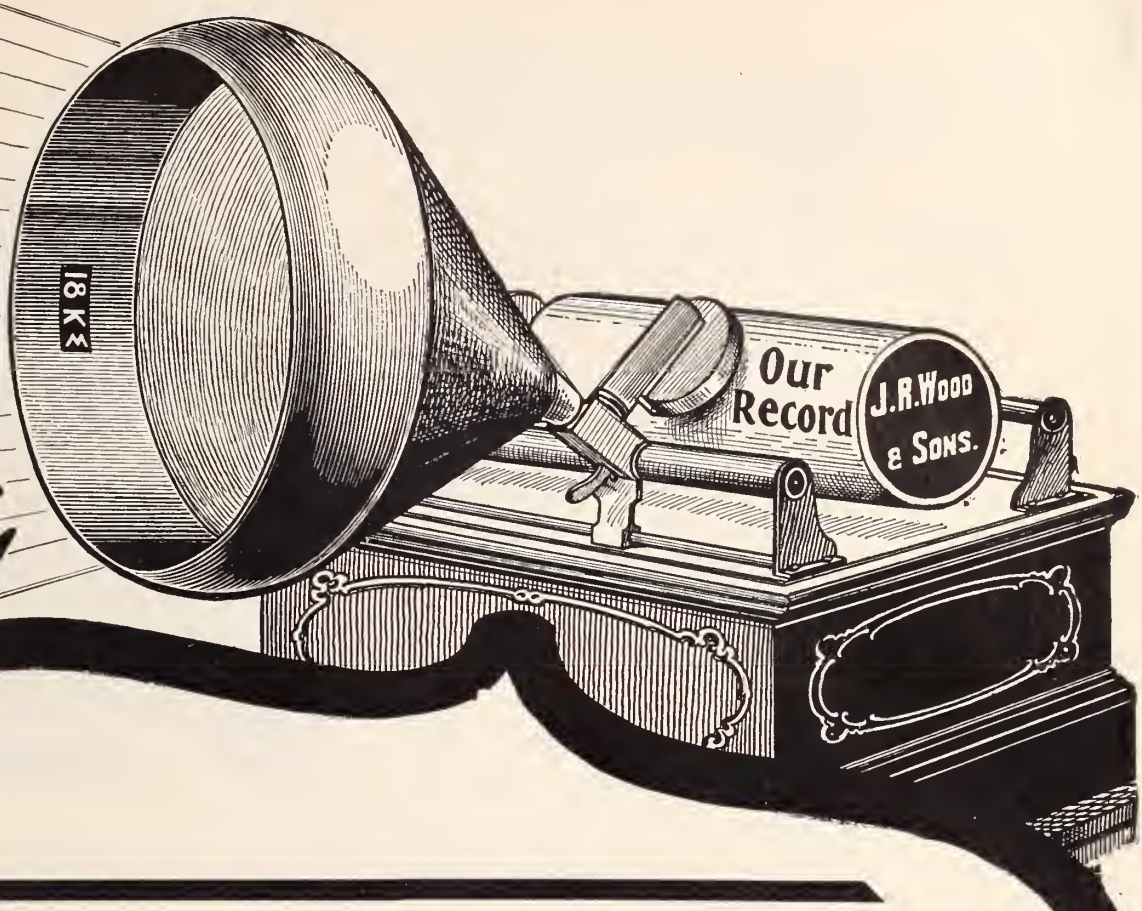
DIAMOND CUTTERS

Cutting Works
1327-1329 Atlantic Avenue
Brooklyn

2 Maiden Lane, NEW YORK

V. WARING, N.Y.

RINGS THAT RING TRUE



We dislike "blowing our own horn," but we want you to know our "record."

¶ For over fifty years our rings have been the standard for quality and workmanship.

¶ If you sell your customers our rings, you are selling them the best rings obtainable.

J. R. WOOD & SONS

Ring Makers

2 MAIDEN LANE NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

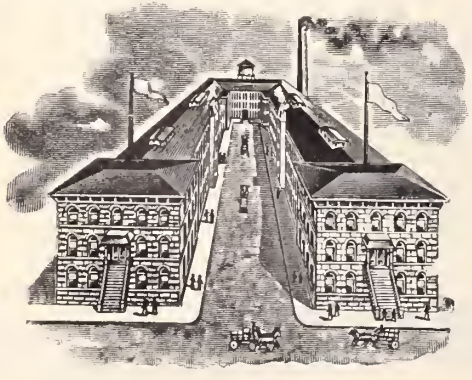
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43	.....	1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57	.....	3005	2.73
18		76	23½	.37	.....	9533	2.97
19	1	00	16½	.34	.....	83	2.14
32		52	49½	.53	.....	213 X	2.83
34		73	34½	.52	.....	733	2.41
46				.58	.....	5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80	.....	1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78	.....	4324	4.00
47		49	79	.80	.....	2726	4.00



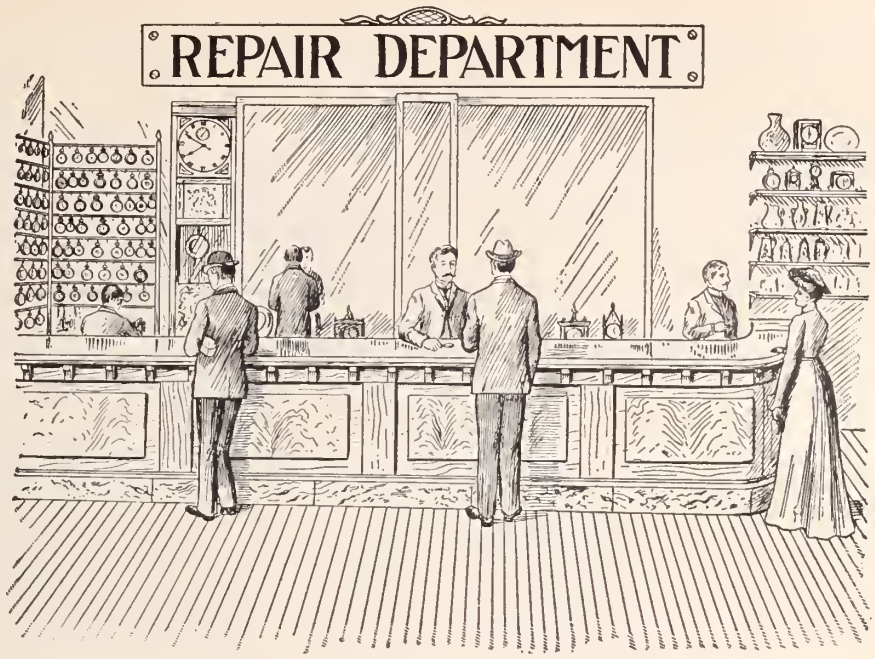
S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.





The REPAIRING

END OF YOUR BUSINESS IS THE MOST IMPORTANT PART OF IT

More people come into your store to leave work than to purchase goods.

Almost every one of your good customers became so through your repair department.

Progressive jewelers know this and concentrate their efforts on the repair department of their business. They give it the most prominent place in their stores; they emphasize it in all their advertisements; they keep themselves and their employes thoroughly informed on the costs of all kinds of work, new ideas and methods; they are courteous and accommodating to repair customers; have all work ready when promised; and do only such work at home as they can do well.

They send all the rest to us.

We devote our entire time, energy, capital, and twenty-five years' experience to this important branch of the jewelry business; employ and educate the best help that can be obtained; systematize and inspect the work, and use every modern method to produce the best work promptly at reasonable prices.

It is to your interest to do business with us, it is to our interest to have you.

Let us work together.

WENDELL & COMPANY

The Special Manufacturers for the Retail Jewelry Trade
Do a larger variety of work than any other firm in the country

TWO WONDERFUL SHOPS:

103 and 105 William Street
Near Maiden Lane
NEW YORK

57 Washington Street
Near State Street
CHICAGO

"Attains Its Majority"

An Easy-Selling Watch Case

THE WADSWORTH 20-YEAR CASE affords an excellent supplement to the 25-year lines. The usual jump from the 25-year cases to those of lower grade is apt to be too great. A man may hesitate at a 25-year case, and yet not want to drop to a 10-year or 5-year case. This is where THE WADSWORTH 20-YEAR CASE exactly fits the circumstances—it suits the man who wants a high grade case but is not quite ready to pay the higher price of those which cost more. Every dealer should carry this line.

The Wadsworth Watch Case Co.

49 Maiden Lane, NEW YORK

CHICAGO
Columbus Building

SAN FRANCISCO
717 Market St.

FACTORY, DAYTON, KY.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.

Never in the history of our company have we manufactured so many high-grade movements as we are now turning out every working day.

Never in the history of our company have we been so far behind our orders.

This is convincing evidence that the retail jeweler is pushing the sale of those movements that give him the best satisfaction.

ILLINOIS WATCH COMPANY

SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

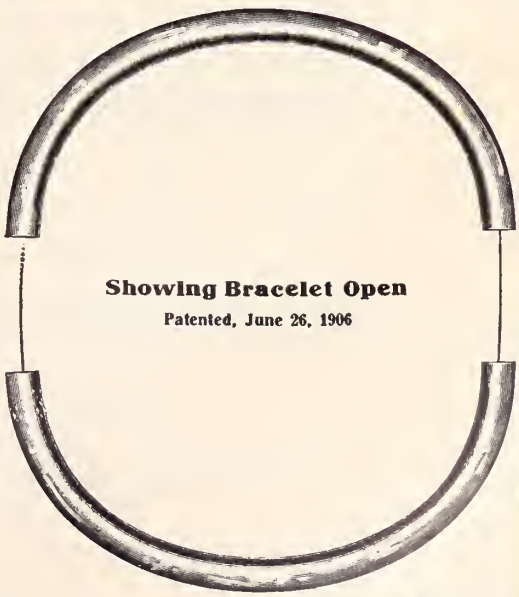
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND

Dueber

is the name most intimately known to the Watch Trade of the United States as associated with the Watch Case industry. The name "Dueber" on any Watch Case is an absolute guarantee of good quality, artistic conception and fine workmanship.

Hampden

stands for what is peerless in American Watch Movements. For twenty-five years the name has borne an unrivaled reputation, and the Hampden high-grade movement has been a standard for imitators to work from.

Watches

are an essential part of every retail jeweler's stock, and to have the right kind of watches should be the care of every dealer. The more consideration given to this subject the more sure are Dueber-Hampden Watches to be chosen.

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies.

Fifth Avenue and Market Street, Pittsburgh, Pa.

Talent, Energy and Progression

are the qualities necessary to achieve success in this strenuous age

¶ The followers of the "let well enough alone" policy are living in the past and become the victims of the ambitious, hustling competitors who, looking into the future, constantly go forward.

¶ The forward pace in business is made more easy and quick by selling the right kind of goods; goods that are satisfying in quality and value and that add to the reputation of the merchant.

¶ ***We offer you goods that have all the requisites necessary to please and satisfy your customers, that equal in value the cost, and will never mar your reputation from being associated with.***

¶ We refer to

Illinois Watches and Hamilton Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies.

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

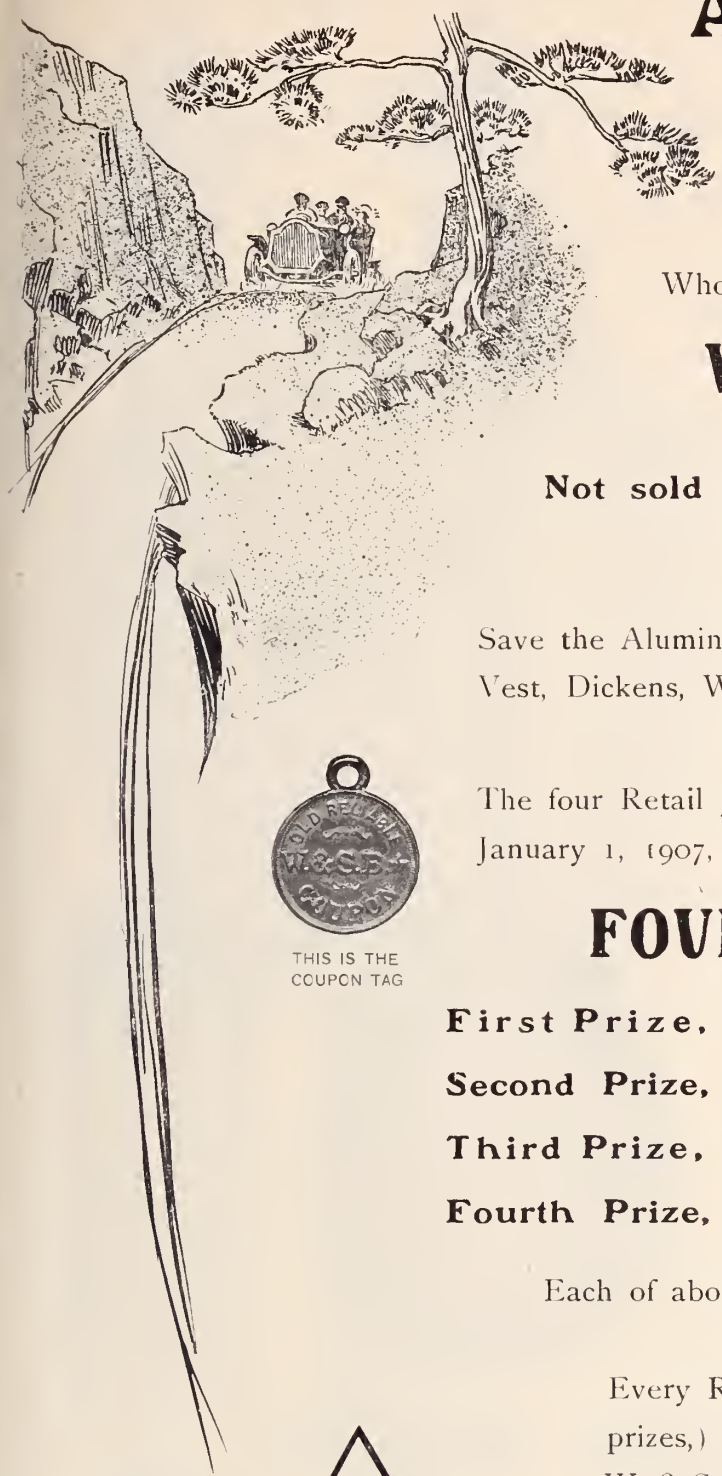
A 10 K. Line that is 10 K.



We make the largest, most varied line of Fobs and Neck Chains, to the retail trade; also Cuff Buttons, Lockets, Scarf Pins, Rings, Brooches, Crosses, Lorgnette Chains, Etc., Etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.



An Automobile Free

Every Jeweler Gets a Premium

Who, before January 1, 1907, buys 40 or more

W. & S. B. ★ Chains

Not sold to Department Stores or Retail Mail Order Houses

Save the Aluminum Coupon Tags attached to all W. & S. B. ★ Vest, Dickens, Waldemar and Pony Chains.

THIS IS THE COUPON TAG

The four Retail Jewelers who accumulate the most tags before January 1, 1907, will be awarded

FOUR GRAND PRIZES

First Prize, 1907 Model Touring Car

Second Prize, 1907 Model Runaboat

Third Prize, 1907 Model Motorcycle

Fourth Prize, American Watch Lathe

Each of above to be Standard Articles

Every Retail Jeweler (except the winners of the Grand prizes,) can have his tags redeemed in Globe Filled W. & S. B. ★ 1/8 Vest Chains, One Vest for 40 tags; two for 75; three for 100. Absolutely Free.

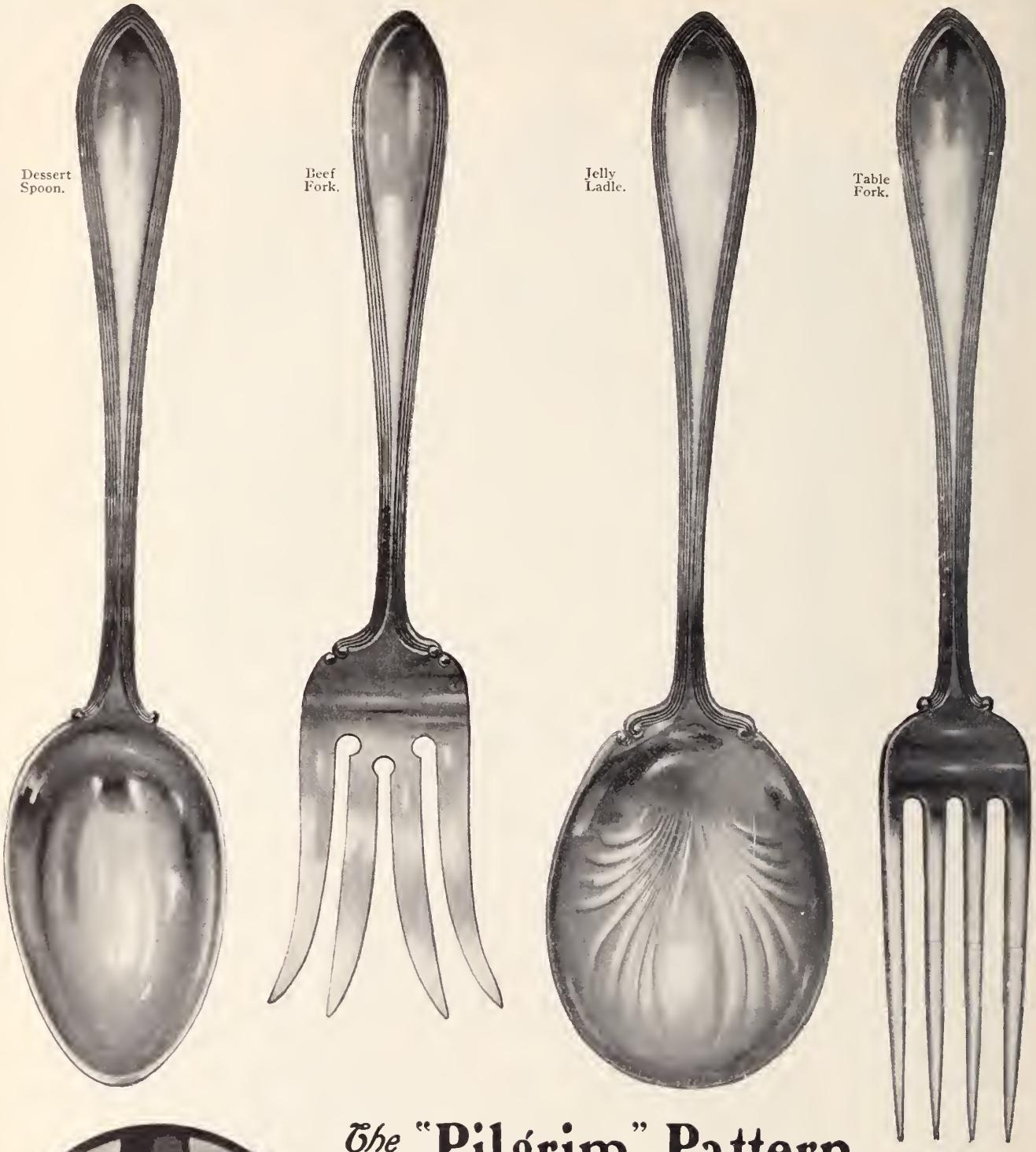
W&SB

W. & S. Blackinton Co.

Manufacturers

New York, 14 Maiden Lane
Factory, North Attleboro, Mass.

Let us send a selection package through your jobber.





The "Pilgrim" Pattern

"Pilgrim" pattern, the most recent Flatware production of this company, will remain *permanently in demand.* It is without question the most artistic "thread" design ever placed before the trade. The "Pilgrim" is characterized by its simplicity and dignity of design; qualities which certainly appeal to every discriminating buyer—and to those who *know* silverware.

TRADE MARK
STERLING 925/1000

Made in all the fancy pieces.

Frank W. Smith Co. Manufacturers of Sterling Silverware
GARDNER, MASS.

The Duchess Toilet Set



THE WHITING MFG. COMPANY desire to introduce to the notice of the Jewelry Trade a new Toilet Set in the attractive character of which they have the utmost confidence.

Among the multiplicity of elaborate toilet sets which are offered for the Jeweler's consideration this new design will assuredly command a marked degree of attention owing, in great measure, to its very simplicity of treatment.

The graceful vivacity of its line, and the symmetrical elegance of its form free it, on the one hand, from any suspicion of flatness or monotony of effect, while lending it, on the other, a decorative quality even more striking than that produced by a profusion of intricate ornamentation.

As befitting the aristocratic dignity of its aspect the suggestive title "THE DUCHESS" has been conferred upon the new pattern.

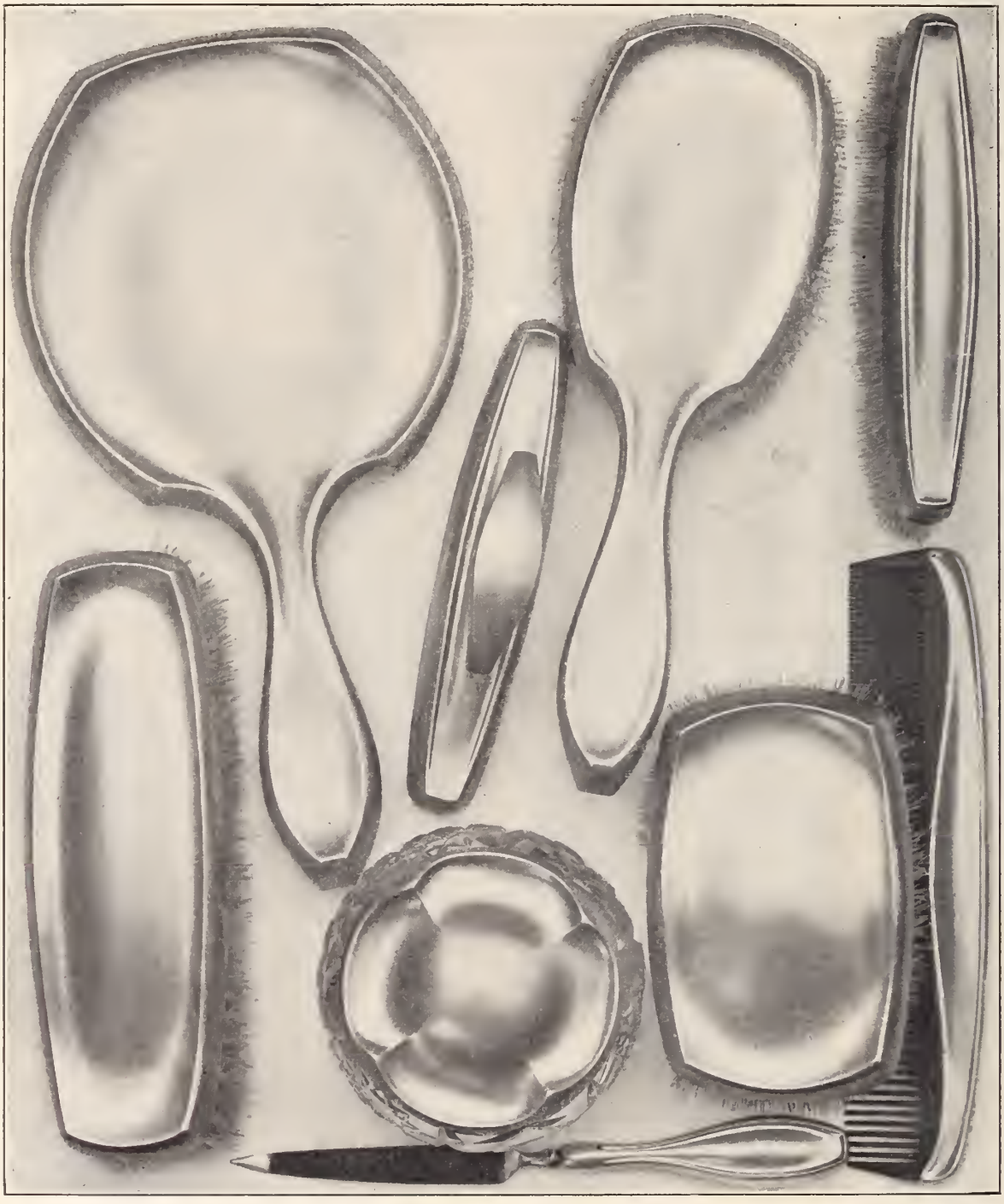
TRADE  MARK
STERLING.

WHITING MFG. COMPANY

SILVERSMITHS

Broadway and Nineteenth Street - NEW YORK

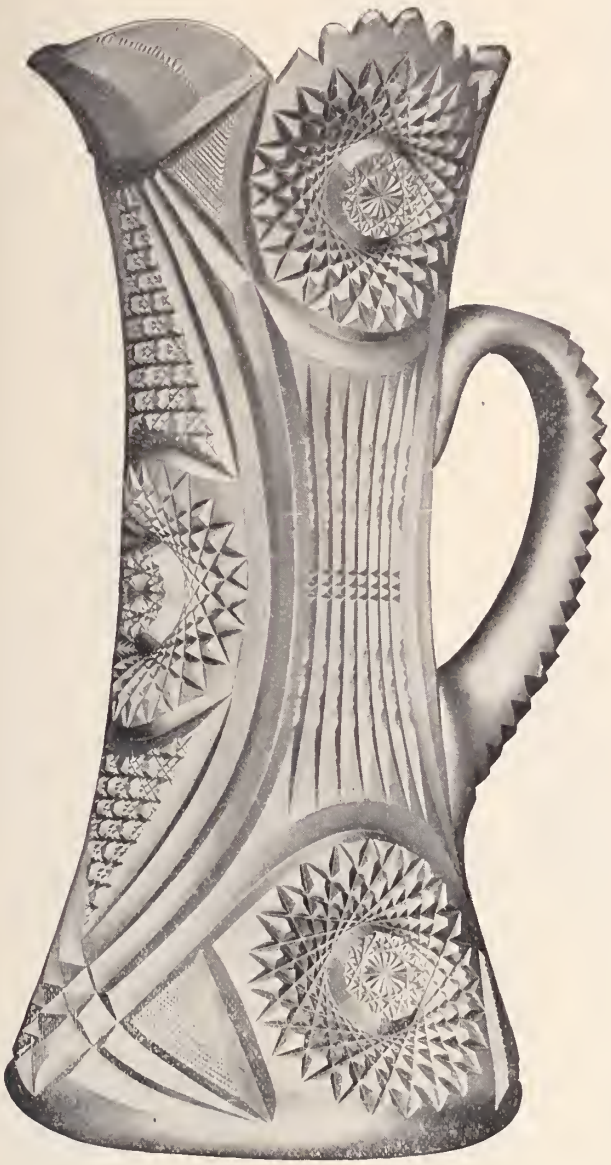
The Winthrop



¶ The Plain, Graceful Lines of this Pattern Appeal Particularly to the Taste of Those who Enjoy Simple Elegance.

¶ This is one of our three best selling patterns. The "Adrea" will be illustrated later.

The Woodside Sterling Co., 192 Broadway, New York.



CUT GLASS

AND STERLING SILVER

Are you prepared for an unusually active HOLIDAY SEASON? A good many dealers believe they are not ready until they have inspected our line of RICH AMERICAN CUT GLASS, STERLING SILVER AND SILVER PLATE.

Call at our warerooms and look over our goods, whether you buy or not.

FACTORIES

THE MERIDEN CUT GLASS CO.
THE BARBOUR SILVER CO.
THE HOLMES & EDWARDS SILVER CO.
MERIDEN BRITANNIA CO.
1847 ROGERS BROS.
ROGERS & BROTHER.
ROGERS, SMITH & CO.
WILCOX SILVER PLATE CO.
THE DERBY SILVER CO.
THE MERIDEN SILVER PLATE CO.
THE WM. ROGERS MFG. CO.
THE ROGERS & HAMILTON CO.
SIMPSON, HALL, MILLER & CO.
THE WATROUS MFG. CO.

INTERNATIONAL SILVER COMPANY

Warerooms

9=11=13=15 Maiden Lane, New York

GENERAL OFFICE, MERIDEN, CONN.



The Margaret

A Beautiful Pattern in Sterling Silver

Illustrations actual size



CUCUMBER SERVER

SUGAR SHELL

BERRY SPOON

LARGE MEAT FORK

MADE BY
SIMPSON, HALL, MILLER & CO.
International Silver Co. Successor
WALLINGFORD, CONN., U.S.A.

NEW YORK
CHICAGO
SAN FRANCISCO
TORONTO

Silversmiths to the American People



We Help The Dealer Sell Silverware



In the first place, our ware is skilfully made and of honest material. We try to produce the very best, and our reputation for over half a century shows that we have succeeded.

Secondly, we systematically and persistently advertise our goods. We endeavor to make every possible customer of yours know what is behind the flatware trade-mark,

"1847 ROGERS BROS."

and appreciate that quality in hollowware as indicated by the stamp:

MADE AND GUARANTEED BY

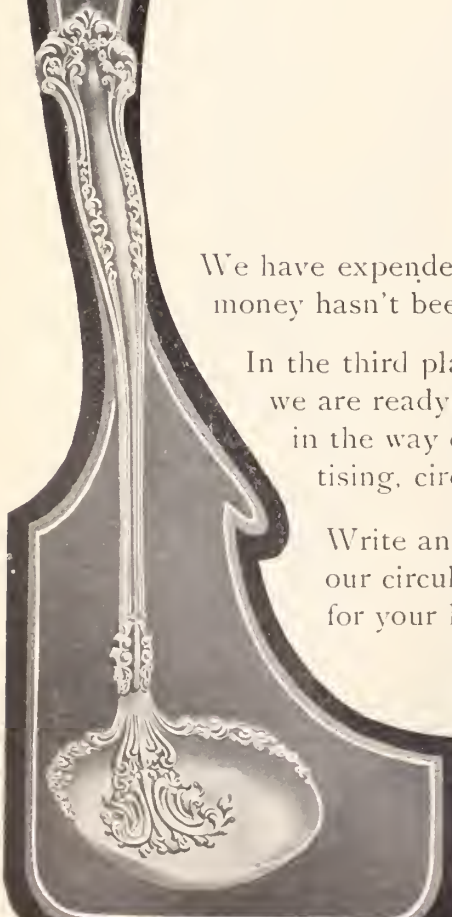
MERIDEN B. COMPANY.

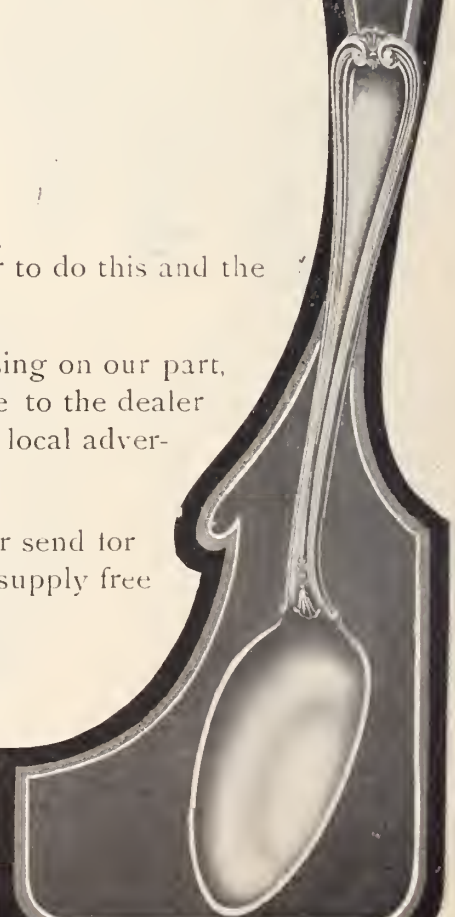
*** ROGERS BROS.

We have expended a good deal of money in order to do this and the money hasn't been wasted.

In the third place, besides this general advertising on our part, we are ready at any time to render assistance to the dealer in the way of supplying electrotypes for his local advertising, circulars, signs, show cards, etc.

Write and tell us how we can help you, or send for our circular showing the electrotypes we supply free for your local advertising.





Meriden Britannia Co.

(International Silver Co., Successor)

Meriden, Conn.

THE OPEN MIND

FROM MILLIONS of printed pages, from thousands of bright windows and handsome show cases

COMMUNITY SILVER

makes its appeal.

Its durability and superior quality having been demonstrated, it needs but the full revelation of its beauty to sway the decision of consumers whom our advertising has already influenced.

With the public favor so ripe, ready sales will naturally follow your display of Community Silver and generous profits reward your efforts.

ONEIDA COMMUNITY, LTD.
ONEIDA, N.Y.
Founded in 1848.

CHICAGO SALESROOMS:
Silversmiths' Building.

NEW YORK SALESROOMS:
395 Broadway.

COMMUNITY SILVER.



FLOWER-DE-LUCE

The new Community Silver Catalogue is just off the press. The illustrations are of such excellence as to serve the dealer nearly as well as actual samples. Fine half-tones of the Home Building at Oneida and of the Silverware Factory at Niagara Falls appear in the opening pages. The arrangement of contents is notably convenient. The paper is of the best quality, and was made expressly for us. We believe this to be the most complete and practical silverware catalogue ever issued.

ONEIDA COMMUNITY, LTD.

CHICAGO SALESROOMS:
SILVERSMITHS' BUILDING.

ONEIDA, N.Y.

Founded in 1848

NEW YORK SALESROOMS:
395 BROADWAY.

COMMUNITY SILVER



AVALON

In addition to the large volume of advertising which we address to the consumer, trade helps of unusual excellence and value are being issued by us for the use of dealers. Cuts representing Community Silver will be furnished on application, for use in supplementing your advertising in the local press. These cuts are artistic in conception and arrangement, and will add to the attractiveness of your space. Admirably adapted for holiday advertising. Write for trade helps and cuts. Be sure your name is on our mailing list.

ONEIDA COMMUNITY, LTD

ONEIDA, N.Y.

Founded 1848.

CHICAGO SALESROOMS:
SILVERSMITHS' BUILDING.

NEW YORK SALESROOMS:
395 BROADWAY.


1522


1519

1521


1520

The Conventions Have Convened

¶ The nominations have taken place.
¶ The elections will soon be over—and then—we will show you, as we have always done in the past, that we have been re-elected the Governor of 10K lines. This should be ample to convince you that our

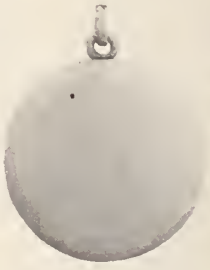

1517


1508

Lockets,	Penknives,	Heart Charms,
Buttons,	Match Boxes,	Scarf Pins,
Brooches,	Cigar Cutters,	Tie Clasps,
Bracelets,	Fobs,	Etc.


1528

are of that quality, design and price that tend to make them dictator of your "state" of business.
¶ Should you be interested, send for a selection to


1507

ROBT. LEVY

Manufacturer of

10K Jewelry that is 10K

Cor. Green and Columbia Sts. NEWARK, N. J.

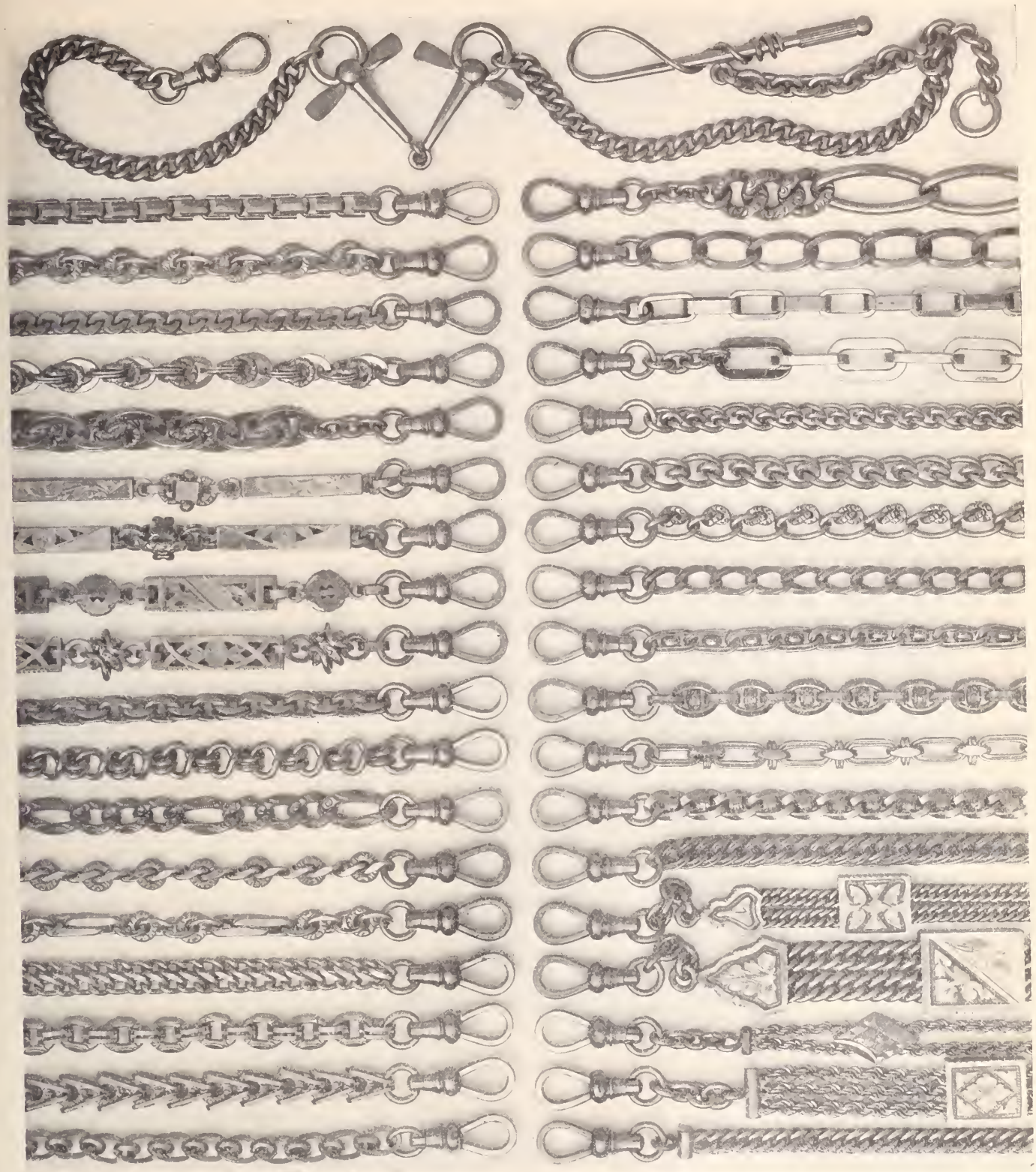
ILLUSTRATIONS EXACT SIZE


1529


1542


1534

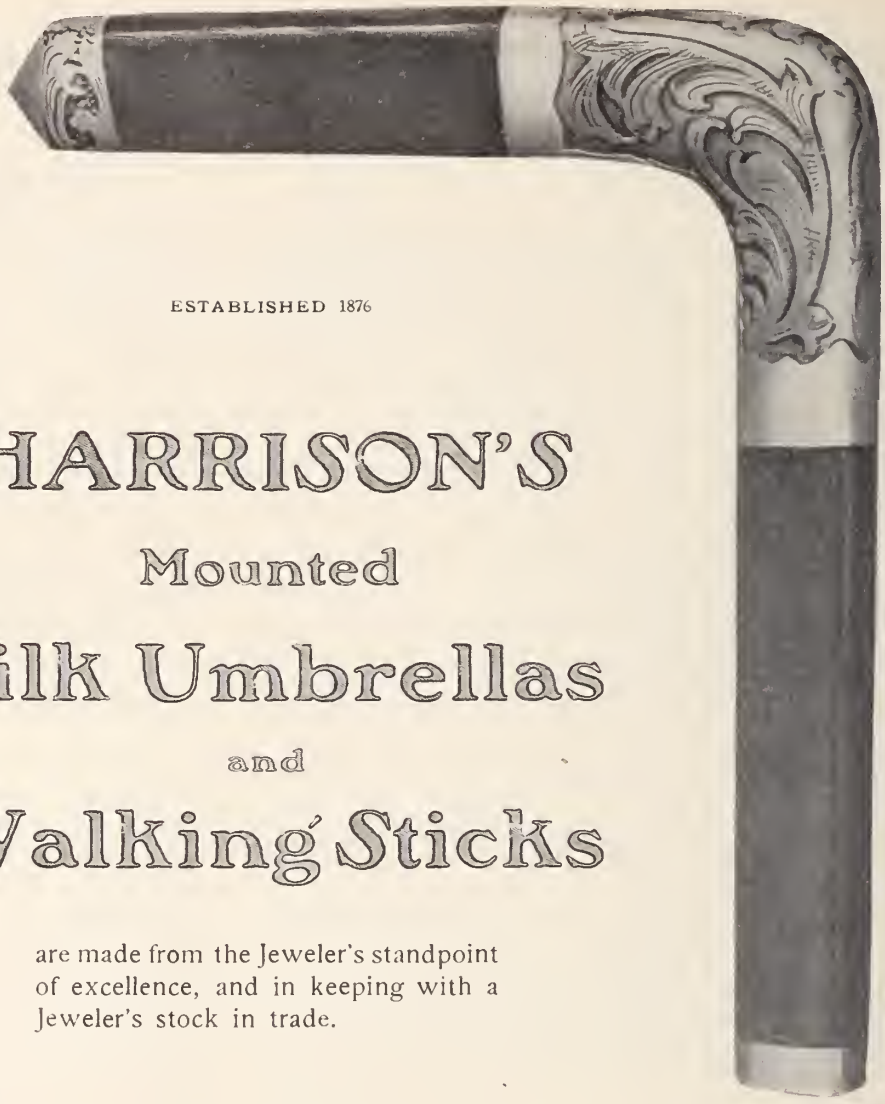

1524



Here's just an indication of the immense variety of vest styles included in the 15,000 distinct patterns of SIMMONS VEST AND GUARD CHAINS.

R. F. SIMMONS COMPANY, Main Office and Works, ATTLEBORO, MASS.

Salesrooms: 9-13 Maiden Lane, New York; 42 Madison St. (Heyworth Bldg.), Chicago.





ESTABLISHED 1876

HARRISON'S

Mounted

Silk Umbrellas

and

Walking Sticks

are made from the Jeweler's standpoint of excellence, and in keeping with a Jeweler's stock in trade.

Our Gold-Headed Ebony Canes have stood the test for the last quarter of a century.

No Dry Goods or Dry Goods Department Stores Sold.

W. W. HARRISON CO.

Makers of Umbrellas and Walking Sticks

OF THE BETTER SORT.

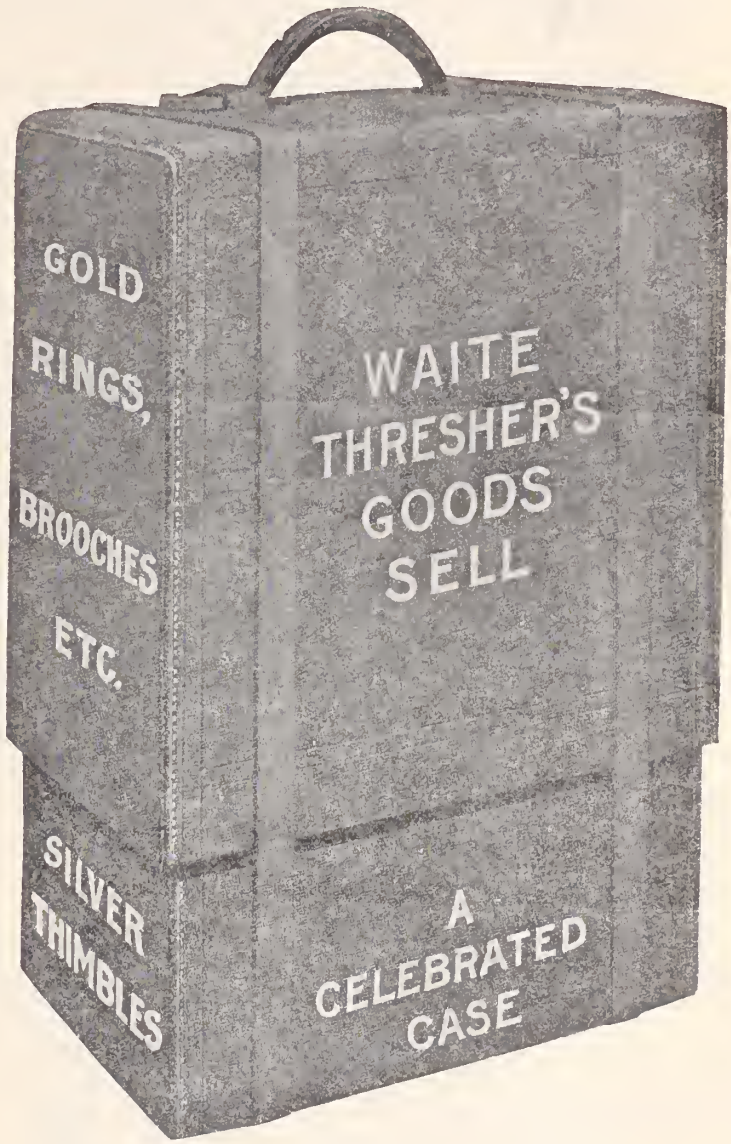
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Wait
And See
In the "Celebrated Case"
This Season's New Goods.
Every one a Seller.

There
Have always been
Reasons:—
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Staple Patterns,
High Quality,
Endless Variety,
Right Prices,
'
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Good Buyers Never
Overlook
Our Creations.
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Strengthen
Every Live Business.
Learn to Use the
Line that "Gets There."



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61 Peck Street, Providence, R. I.

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If It Burns Alcohol We Make It



No. 3542.

The Chafing-dish Supper

Crowns a social evening at home and adds lustre to the evening's entertainment.

The chafing-dish enables the hostess to show her skill in preparing food that will please the palate.

When lunches are required in haste, it is invaluable.

Our chafing-dishes are in a variety of designs and are supplied in Copper, Nickel-plate and Silver-plate.

Our **NEW** catalogue, No. 21, showing many articles suitable for the holiday trade, will be sent on request.

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Opposite Post Office

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Makers of Coffee Machines, Alcohol Stoves, Chafing-dish Accessories, Fancy Teakettles, Smoking Sets, etc.

Office and Factory:
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The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
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ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN
CORAL FISHERIES
IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN
CORAL FISHERIES
IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world**, being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

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We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the Modern Stones

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets





We make Watches
from
Largest to Smallest
from
Thinnest to Thickest.
ALL STYLES.

SWITZERLAND, *The home of Gruen Watches,* **GRUEN WATCH MFG. CO.**
CINCINNATI, *The home of Gruen Cases,* **GRUEN-NATIONAL WATCH CASE CO**
NONE SO EXTENSIVELY SOLD; NO LINE LARGER WHEN IT COMES TO HIGH CLASS SOLID GOLD WATCHES

NOTICE!

We wish
to impress the
retailers that we are
manufacturers, not jobbers, and
that we sell exclusively to the retail jewelry
trade. When you buy our general line of jewelry
you are dealing direct with the men who make the goods.
The following trade-mark is as good as a written guarantee
that goods that bear this stamp and marked 14K are 14K, and those
marked 10K are 10K. This is in conformity with the National Stamping Law.



Schultz, Leiss & Co.

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103 State St.

FACTORY:
Newark, N. J.















THE GUSTAVE FOX CO.'S EMBLEMS



are individualized by certain important characteristics which have materially added to their selling qualities. Among these are—1st. The quantity of material utilized, our goods being twice the thickness of ordinary goods. 2d The excellent workmanship, which will bear the minutest inspection, while the beauty and unique conception of designs strongly appeal to the artistic sense. As our reputation is not only based on the quality of goods, but also on our strict reliability, we guarantee in all transactions with us the utmost precision and promptness. As a personal examination will more readily reveal the merits of our goods than would be possible in any other way, we solicit a trial order, which will fully substantiate the truth of our statements. We illustrate a few designs selected at random from our 1906 catalogue. We also recently issued a supplement to this, and if, as yet, you have not received same, we would be more than pleased to send it. If your jobber does not carry our goods, send to us direct.



THE GUSTAVE FOX CO.

Nos. 14-16 East Fourth St., Cincinnati, Ohio, U. S. A.

Stamp our new Trade-Mark on your memory. It is a Guarantee on which you can safely stake your reputation. . . . . .

The "Fine Mark" on Government Gold is not a stronger Guarantee than our Trade-Mark on Emblems. . . . . .

The Regal Garnet

Like Frozen Wine

A TOUCH OF SENTIMENT is associated with the heart-blood hues of rich Garnet. Its deep warmth of color fascinates the eye. Though not the most expensive, it is one of the most beautiful of stones. Its glow and richness render it particularly appropriate in the colder months. An old-fashioned stone, it accords well with antique designs in Jewelry. Many notable revivals of this nature embodying the Garnet are here shown this season. Compelling admiration, they compel sales. Their popularity is assured.

GARNET SET BRACELETS
GARNET SET NECKLACES

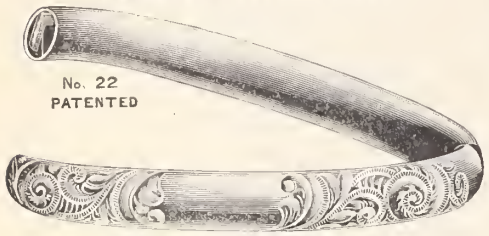
D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



THE "BATES" BRACELETS
"Kant-Kum-Off"



BATES & BACON
Attleboro, Mass.

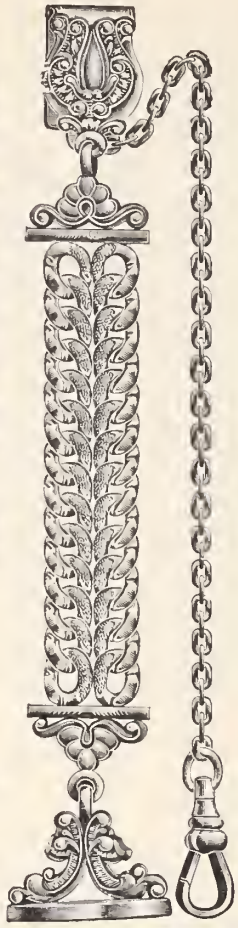


The BEST SAFETY FOB

"BATES" Bracelets

Patented Dec. 26, '05

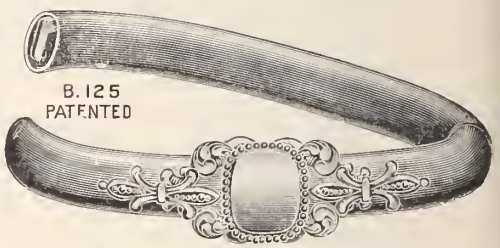
Other Improvements Pending



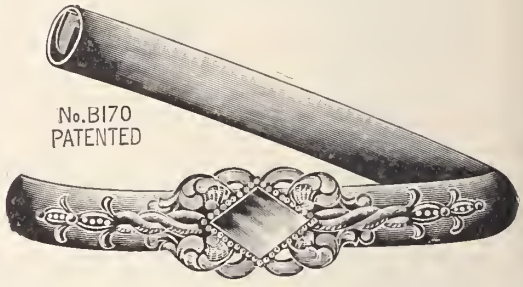
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Made in Seven Sizes
Ask Your Jobber for Our Goods.



OFFICES:
New York, 9 Maiden Lane
Chicago, 103 State Street





FACTORY OF WHITING & DAVIS, THE HOME OF

BAGS AND BRACELETS

OUR LINES OFFER AN UNEXCELLED RANGE TO SELECT FROM

New York Office,
7 Maiden Line.

WHITING & DAVIS,

PLAINVILLE,
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GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
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PROVIDENCE, R. I.

The Allsopp Rings

THE UP-TO-DATE LINE OF

SIGNET AND SET RINGS





In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING. Newark, N. J.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

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WILL BE THE LEADING SELLERS THIS FALL



Those here shown are but a few of our complete line in both Gold and Filled. There is not a poor seller in our stock. Our line of

Gold and Diamond Rings and Jewelry, Gold and Filled Chains, Festoons, etc.

is more complete than ever before. A card to us will bring our representative to you when in your vicinity.

Selection packages sent on request

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37 Maiden Lane, New York

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Copyrighted
Elk Head
Best in the World.

B. P. O. E.
In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD
Brooches, Lockets, Links
Bracelets, Scarfs
And Everything Else in Gold Goods

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Signet Rings Bracelets Combs, Etc.

ALL THE FADS OF THE SEASON
RIGHT GOODS AT RIGHT PRICES

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(L. KATLINSKY.)

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J. F. STURDY'S SONS (Bracelets, Chains, etc.).
THE WIGHTMAN & HOUGH CO. (Lockets).
Etc., Etc.

THE WASHBURN

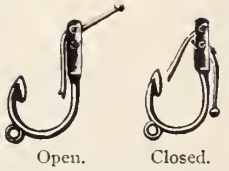
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Automatic Holder
for all sizes of scarf-pin wire. Guaranteed.



EAR WIRES
for unpierced ears.

MAGIC NUT
for ear studs, scarf-pins, etc.





SAFETY CATCH
For brooches, etc. Can be applied to any work where pin tongues are used.

Open. Closed. Open. Closed.

Descriptive Circular on Application.
Pearl Drilling and Adjusting a specialty.
Special Order Work and Repairing.
C. IRVING WASHBURN, 12-16 John St., N. Y.



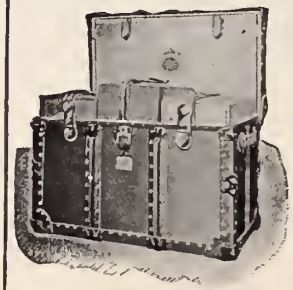
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Our Trade-Mark "D.F." in all our Rings is the guarantee of quality.
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Jewelry Trunks and Cases

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SOLID GOLD
CHAINS
OF EVERY DESCRIPTION

The selling expense of chains is an item which ordinarily affects the cost in a measure which is greatly to the disadvantage of the retail jeweler.

In the price of *our* chains, this selling expense does not appear. *You* get this benefit when you buy

SOLID GOLD CHAINS

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direct from us, as you do not have to help pay the salaries and expenses of salesmen. We have no traveling salesmen and our prices are therefore very low.

For 56 years exacting jewelers have found our chains ready sellers, very profitable to handle and most durable in service.

We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane
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IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

Can make to order any style and size Bracelet at very short notice.

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82-84 Nassau St., New York.
Established 1876. 'Phone, 801 John.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK,
3 MAIDEN LANE.

CHICAGO,
42 MADISON ST.

MOORE & SON,
ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

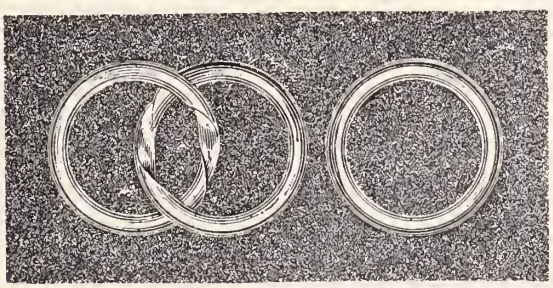
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Opposite New City Hall



WE MAKE

The Alliance Ring

The graceful style of the Alliance Ring is rapidly supplanting the use of the old style wedding ring. The joints are invisible, and whenever engraving is desired it is done in the inside surface. Can be easily separated by inserting a pin in inside pinhole.

14 karat, 3 dwts., each, $1.25 per dwt.; in dozen lots, $1.10 per dwt., net.
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MADE ONLY BY

LEONARD KROWER, Manufacturing Jeweler
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Generous Dimensions in Lockets

EXPERIENTIA DOCET

THERE IS a certain impressiveness about the generous dimensions of these larger lockets, whether plain or engraved. Perfection of shape applies to both classifications. Artistic decorative effects are possible at moderate prices owing to exceptional facilities.

PRICES: $6.00 to $100.00.

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MAKERS OF

Fine Pearl and Diamond Goods

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Fancy Designs in *Jewelry* OF ALL KINDS.

Collarettes, Brooches, Scarf Pins, Buttons, Necklaces, Hatpins, Etc.

A. J. Hedges & Co.,

Makers of Exclusive Designs in 14K. Jewelry,

14 K TRADE-MARK

14 John Street, New York.

Stone Seal Rings Signet Rings

TRADE (S) MARK

Established in New York 1837.

24 John St., New York. **Geo. O. Street & Sons.**

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK



Patented

Made in 14K. Gold only

The Transit Ticket Holder

One to Twenty "Sub," "L" or Ferry Tickets.

CARRINGTON & CO.

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REFINEMENT EXPRESSED IN DESIGN.

ELEMENTS OF QUALITY. however readily they may be discerned, are not so easy to define in words. There is a distinguishing something about the lines here made which is instantly recognized by both trade and consumer. Let us call that something "refinement expressed in design."

Vermicilli Decoration here reaches perfection of arrangement and color. Fancy Applied Trim and Twist Wire assume richest delicacy and beauty. Hand Engraved Designs here attain their appropriate dignity and impressiveness.

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23 Maiden Lane New York

ESTABLISHED 1841

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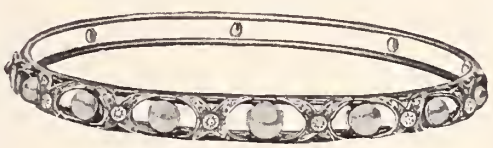
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—— OF ——

BRACELETS & BANGLES

MOUNTED IN COMBINATION OF

Diamonds & Pearls
Diamonds & Sapphires
Diamonds & Emeralds
Diamonds & Baroques



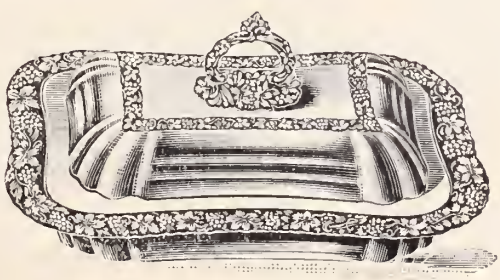
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Topazes
Peridots
Aquamarines
Etc.

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A & A TRADE-MARK.

BRANCH OFFICE: LOS ANGELES, CAL.

Sam'l Buckley & Co. English Fancy Goods



We can show you a fine line of **Sheffield Plated Trays,** and also Tea Sets, Tete-a-Tete Sets, Vegetable Sets, Wicker Bottles, Tantalus Sets, Glass, Silver, Silver Plate, etc.

118-122 Holborn, E. C., London
100 William Street, - New York

New Shirred Mesh Bags in Gold and Silver



One of the 100 New Styles and Designs we are showing this season.

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th St. **New York City**

ADOLPH LUTHY. PERCY W. HINE.

LUTHY & HINE,

13 EAST 30TH STREET. - NEW YORK.

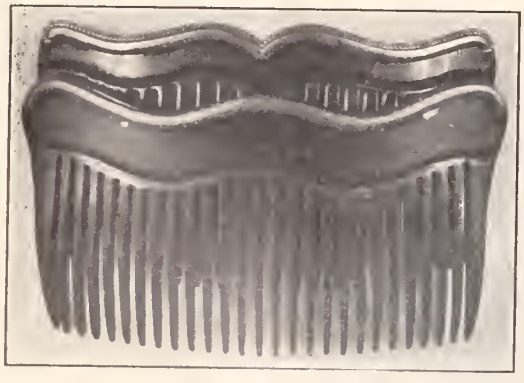
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Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)



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in Fall creations. Characteristic of superiority and originality in design and workmanship.

Our Fall lines in gold and high quality gold filled combs are noteworthy for their rapid selling qualities.

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New York Office, 9 Maiden Lane



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In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters ; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

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Established 1861

R. BLACKINTON & CO.

MAIN OFFICE and FACTORY:

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Salesrooms:
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Manufacturing Jewelers and Silversmiths

TOILET AND MANICURE ARTICLES

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STERLING AND GERMAN SILVER WRIST BAGS

GENTLEMEN'S and LADIES' CARD CASES

VANITY BOXES

JEWEL BOXES

MATCH SAFES

PICTURE FRAMES

BELT BUCKLES

CIGARETTE CASES

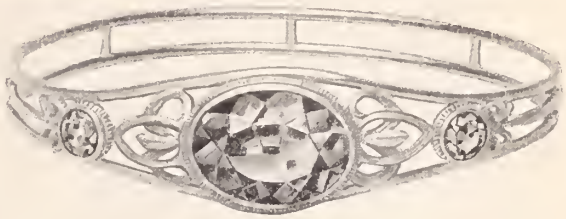
PENKNIVES and UP-TO-DATE NOVELTIES



Gold Goods of Highest Grade Exclusively

Direct Importers of
Diamonds and Precious Stones

Odd and Unusual Designs in
DIAMOND MOUNTINGS
DIAMOND JEWELRY
Bracelets, Lockets
Scarf Pins
Etc.



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Originators and Makers of Fascinating Diamond Jewelry and Mountings.
Abel Building, 64-66 John Street, NEW YORK
Cutters and Importers of Diamonds, Rubies, Emeralds, Sapphires, Pearls, and all Fancy Gems.

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BRANCHES IN AMSTERDAM, ANTWERP, PARIS, LONDON, IDAR, OBERSTEIN.

ART and SENTIMENT or SIGNET PHOTO-LOCKET RINGS

as Manufactured by

CHAS. M. LEVY

90 William St., N. Y.





No. 1752.



No. 1740.



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RINGS and LOCKETS

Showing an Exclusive Line in

Square Quality



PORCELAIN TEA POT

Decorated with
SILVER DEPOSIT

Sugar and Cream Bowl complete this attractive set.

Colors: White and Gold, Blue, Olive Green and Pink.

WRITE FOR PRICES AND ILLUSTRATIONS OF OUR EXCEPTIONAL LINE

LACKNER & OHL, Manufacturing Silversmiths, 50-55 Columbia Street, NEWARK, N. J.

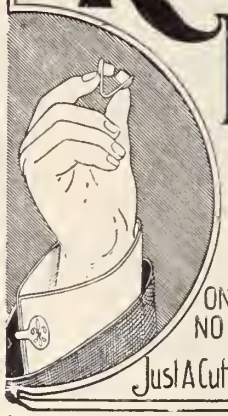
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THE MISSING LINK

ONE PIECE NO LEVER NO SNAP NO SPRING

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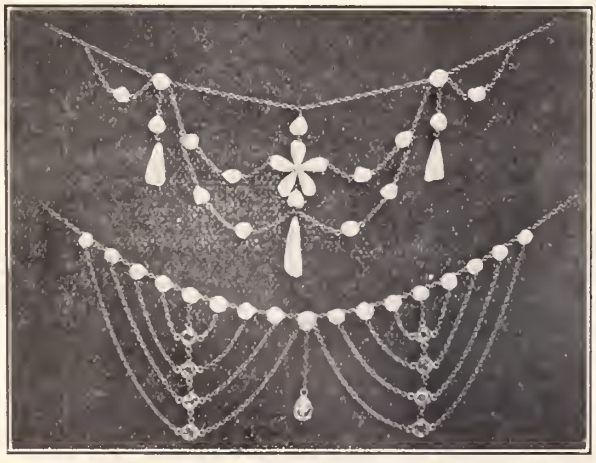
I will buy anything you have—samples or discontinued goods of any kind.

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No. 71 Nassau St., N. Y.

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Why Cannot 10K Jewelry be Made as Well and as Attractive as 14K?



It can be—and is.

We make it—and this assertion is backed by every retailer who has ever seen the line.

We invite the most critical comparison, as to appearance and plump quality.

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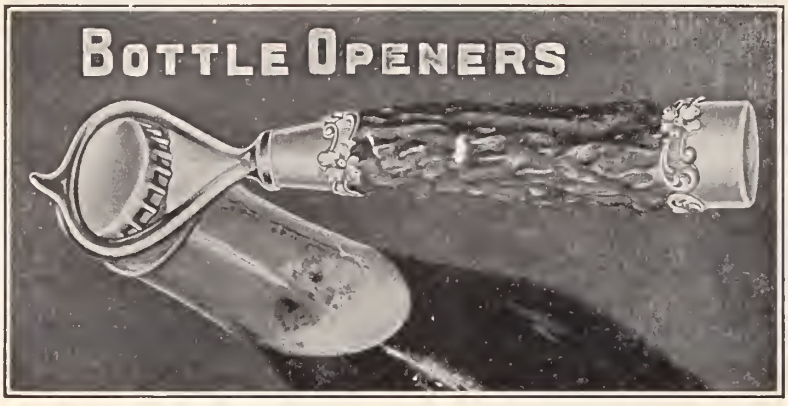
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FOR FALL AND HOLIDAY TRADE



BOTTLE OPENERS

IN STERLING SILVER, SILVER PLATE, BUCK HORN, ETC.

The convenience and cleanliness of this form of bottling having brought it into general use, these openers will be appreciated for the table. **SEND FOR CATALOGUE.**

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Saw Pierced Mounting

Size 5½x4 inches

TRADE (W B) MARK.



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MANUFACTURERS OF

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Only House to Decorate These in Silver. Phenomenal Sellers.

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THE ring illustrated herewith does the trick. You can put on and take off one dozen keys in less time than you could take one off any other make. We can also supply patent key rings in 10 and 14K. gold.

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BOTTLE OPENERS

Pat. Aug. 14, 1906

This illustration represents one of our many hundred designs in Buckhorn Ivory, Ebony, Ivory Silver Mounted and Solid Silver, Etched and Engraved.

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111-113 Himrod Street, BROOKLYN, N. Y.



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¶ Our assortment of flasks, including those in solid deposit, also leather flasks with cup, together with a large assortment of colognes and atomizers, have this same English engraved effect, and are excellent sellers.

¶ Our distinct line of unsurpassed designs in deposit ware, artistically developed, with the engraving handsomely carried out, commands the attention of the judicious buyer.

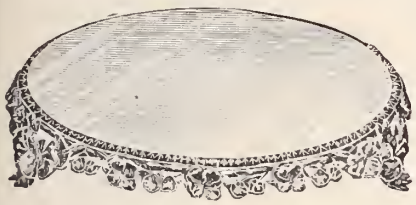
¶ A few of our specialties are Colognes, Atomizers, Vases, Decanters, sterling silver Photo frames, Buckles, etc.

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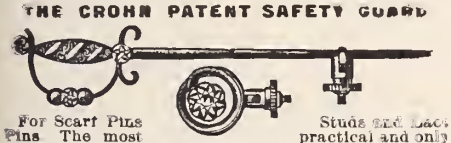
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GOLD AND SILVER CHAINS,

Gold, Silver and Plated Chain Trimmings,
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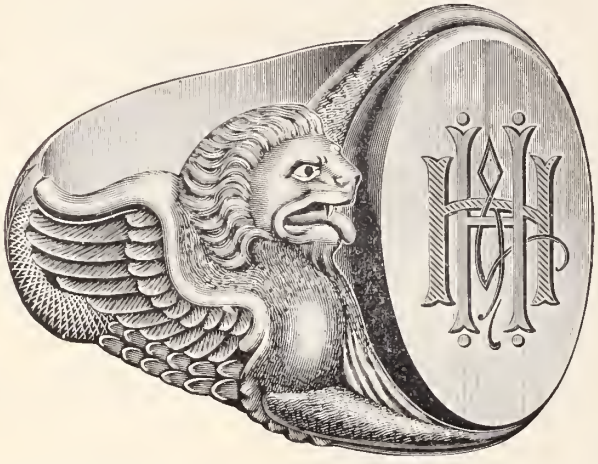
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1876 **Hutchison & Huestis** 1906

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in Fine Jewels

Five years ago the sale of the Rosary was by Catholic periodical stores only. We advised that they should form part of the staple stock of every Jeweler, and those who added this special line to their stocks have been pleased with the results.

We have a splendid variety in real and imitation stones, popular selling sizes and colors, nicely mounted in gold and rolled gold-plate.

We will, on request, send illustrated list and if you wish, we will also send a package on selection, containing a good assortment of the different grades.

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One of our New Models, 1906.

Crosses

are as popular as ever. The demand for them this year will be heavy.

See that your stock is complete by adding

The P. & B. Co.'s Line.

No stock is complete without THEM.

Waist Sets, full line.



We are the largest exclusive makers of 10 Karat jewelry

Ask your Jobber for the P. & B. Co. Lines of

Lockets, Cuff Buttons, Tie Clasps, Scarf Pins Baby Pins, Hat Pins, Bracelets, Brooches, Bead Necks, Fobs, Waist Sets and Crosses.

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New York Office,
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S. F. MYERS CO. 42-44-46 Maiden Lane New York

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GREAT BIG
ILLUSTRATED
N.Y. STANDARD
CATALOGUE
NOW READY.

Scarf Pins

Exclusive Novelties in Carbuncles, both in Real and Imitation Stones. Be sure and see them.

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WATCH FOR OUR NEW GOLD BRACELET

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EDWIN LOWE & CO., Inc.
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EMBLEMS, FOBS, PINS, LOCKETS, CHARMS.

WE ARE SPECIALISTS
Ivory, Pearl, Gold Filled.

S. & B. Lederer Co.

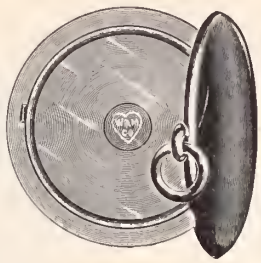
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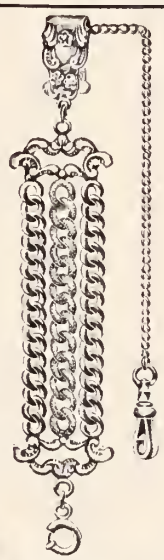
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THE recognized standard of excellence in this specialty having increased the demand for W. & H. Co. lockets throughout the country, we suggest the placing of orders as early as possible, to ensure prompt delivery.

Wightman & Hough Co.

PROVIDENCE, R. I.



DORAN, BAGNALL & CO.

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¶ Once more we would call your attention to our Chains. Quality and price tell, as is shown by our rapidly increasing business.

¶ All first-class jobbers now carry our Chains in large assortments. Be sure to have a selection of our Neck Chains, Guards, Fobs and Vests.

¶ They will surprise you by their selling qualities. Get your order in early if you want a sufficient quantity of those Kenilworth Bracelets—also Bangles and Signets—as there is a limit this fall.

¶ When in need of high-grade Rosaries with soldered chain, made and finished as only chain makers know how, see our line. They are sellers.

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Jewelry and Novelties are Original, Artistic and Sellers. Our name stands for the best of everything in our line at our prices.

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Hat Pins, etc.

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OFFICES: 713 Market St., San Francisco.
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There's nothing experimental in the purchase of a S.&B.L. ★ CO. locket nor is there any possibility of dissatisfaction.

To discerning purchasers the

"VERIBEST" Value—Quality Lockets

maintain, invariably, highest quality.



Stone Set 3961—3968. No Stones 3967

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We make for the Jobbing Trade the following lines of Solid Gold Jewelry:

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Insist upon seeing the designs of Gold Jewelry made by the

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Confidence Built Upon Merit

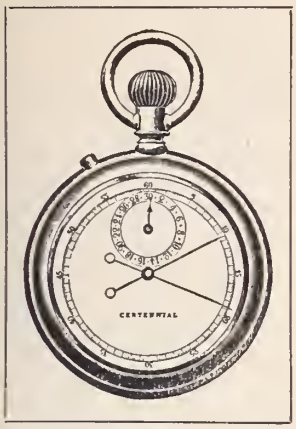
The existing confidence created in our lines during many successful years of progress is conclusive proof of the superiority of our creations. We respectfully call your attention to our new designs for the holiday season in novelty jewelry in sterling silver:

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Timer is ⅛ Larger than cut

"Watch us" always for anything you wish in the "Watch" line.

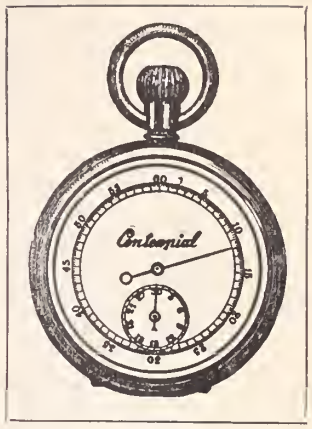
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SPLIT SECOND TIMER

"None better made"

Suitable for Racing and Mechanical Purposes.



Timer is ⅛ larger than cut

CROSS & BEGUELIN, Manufacturers, **New York.**

Jewelers, Silversmiths, Stone and Metal Seal Engravers. Gold Plating

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Stone Cutters. Dealers in Jobbing Stones and Encrusters. Opera Glass and Fan Repairing

EVERYTHING IN LOCKETS AND CHAINS.

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When your Jobber shows Gold Watch Cases, just ask for *one* **Solidarity** for comparison.

Would we court comparison on a product that couldn't "make good"?

Think it over!

Solidarity Watch Case Co.

ESTABLISHED 1885

GENERAL SELLING AGENTS
JOHN W. SHERWOOD FRANK E. HARMER

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F&B F&B

ESTABLISHED 1873

Has your HOLIDAY STOCK of Sterling Silver Toilet and Manicure Goods and Sets been ordered?

If not, attend to it at once and insist upon getting goods with the F&B Trade-Mark. They have the QUALITY, BEAUTY and FINISH to attract the best trade and you will find them profitable goods to handle. They sell quickly.

Have you received our new Catalogue, H?

The accompanying illustrations are taken from it and they show a selection from our Gypsy pattern.

ORDER NOW and do not forget to add a few Armlet Bracelets, Lockets, Chains, Crosses, Pendants, Fobs, Neck Chains, Collarettes, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrettes, Buckles, Waist Sets and Hair Chain Mountings.

Theodore W. Foster & Bro. Co.

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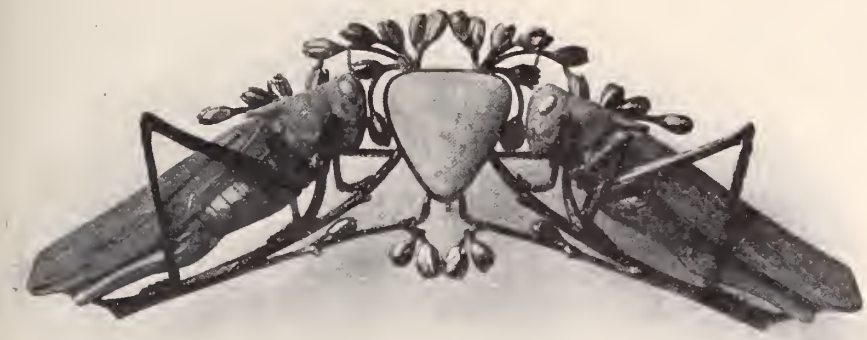
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Heyworth Building,
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Jewelry and Objects of Art in Precious Metal at the 1906 Salon of the French Artists

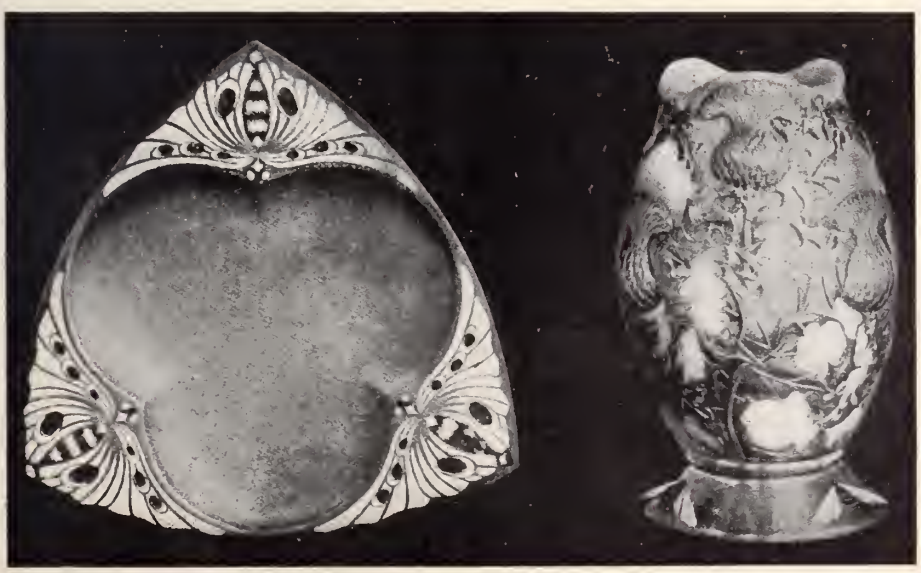
IT would require special words, delicately shaded, vibrating and harmonious, to express the profound emotion which one feels at the Salon of the French Artists this year when looking on the exhibition of Lalique. Under the hand of the master glass paste in shades of opal, hoar frost and mother-of-pearl change into chrysanthemums which the night moths lovingly kiss; into branches of myrobalan whose flowers redden at the glimmer of dawn, says a writer in *L'Art Decoratif*.



CORSAGE ORNAMENT BY LALIQUE.

Farther on is a pendant made of two plates of cut crystal which support a diamond of the first water and of admirable brilliancy. There is so much art, so much genius in the cutting, in the ornamentation of pale gold, in the very shape of the two plates of crystal, that between them the diamond is lost from view, retains nothing but a slight commonplace vibration which is even too much in evidence. In another pendant two nymphs are playing in the pure water of a plate of cut crystal. To finish the pendant an opal in soft tints vibrates gently between branches of enameled flowers, and the opal, still there, disappears shut out by the execution of those supple and charming bodies bathing in the purity of the crystal.

Still other pieces of glass paste make brooches, pins, heads of women, light flowers, in exquisite taste, simple by reason of refinement and harmony, marvelous in tone, and the material employed in execution.



ENAMELED VASE AND BOWL BY E. FEUILLATRE.

Upon a comb of translucent horn, diaphanous, impalpable butterflies are playing, yet hardly slighter than the comb itself, which by a miracle of execution shows transparently wings of an unheard-of thinness.

But it would be necessary to mention everything in this treasure display window to cover in any way the variety of treatments shown—a large ante-chamber lantern where rigid chameleons make the frame for the pale glass; a ciborium with its base of the Twelve Apostles, its inlaid work of ivory and enamel, calling up all the splendor of Byzantine art; hand mirrors which support great beetles with wing-shells spread, and besides bracelets of engraved crystal, buckles, pins—a mingling of horn of paste and of diamonds—all without giving a proper conception of the infinite talent of Lalique.



PENDANT BY H. DUBRET.



FLOWER DESIGN BRACELET BY H. DUBRET.

E. P. Brandt shows us jewels harmoniously arranged with great science of execution and a happy selection of precious materials; wasps of bright enamel encasing a topaz, bright rubies set in gold of two shades, golden bats with outspread wings designing a ring. Edgar Brandt displays some exquisite mountings for Sèvres vases, mountings of a *nouveauté*, a style and execution which cannot be too much admired.

Lionel Leconteux shows a very pretty brooch made of a branch of cherry-tree on which rests a very slender wasp, and another brooch, a simple oak leaf of gold treated in bronze colors upon which rests a very delicately wrought butterfly.



BELT BUCKLES BY RIBE-ROY.

Mr. Lelièvre displays a pretty cup ornamented with simple leaves of friar's-cowl, the symmetry of which gives a very suc-

YOU know we have been in the ring business a good many years and when we'd sell a bill of children's rings, the customer frequently said: "Oh, I hate to buy children's rings, they're such a nuisance to pick out and mark."

After a number of experiments we simplified our method of showing and selling children's rings—so that it is now no longer a bother for you to buy this class of rings—at the same time we increased our lines in both 14K. and 10K. gold, and it is now most complete.

Next time our traveler calls, let him take a trial order for children's rings, and we will prove to you how easy it is to buy and mark them. Or we can send you a sample line on approval.

You know we put our Registered Trade-Mark even in the smallest and low-priced rings, beginning at $4.50 per dozen. This fact alone should be a great convenience to retail jewelers who are particular what they sell.

Larter & Sons

Ring Makers

21-23
Maiden Lane
New York



Registered Trade-Mark.

cessful result, and some pretty pins in the form of leaves of red maple.

Mr. de Ribaucourt shows a handsome saber handle in chiseled oak leaves, and with some leaves of the plane-tree and a branch of olive he has made a lovely candlestick and a paper weight.

All the artists above mentioned, in their interpretation of plants, prove to us that we can have objects charming in taste and shape without making martyrs of the flowers in the name of the laws of conventional



PENDANT BY H. MEHEUT AND C. COLOT.

style. In fact, these adepts have succeeded in producing for this salon masterpieces, setting at defiance all criticism.

Mr. Roukhomovsky, who has piled up in a very small show case an infinitude of small objects of marvelous finish, has a very fine sense of humor, and could not resist the pleasure of showing us the much-discussed tiara of Saitapharnes in diminutive form, an extravagant trinket, atrocious



PENDANT BY H. MEHEUT AND C. COLOT.

yet marvelous by reason of the perfection of workmanship. By the side of the tiara is a pencil three centimeters long, engraved with 3,000 marks, and some sleeve buttons made in the form of eyeglasses and automobile caps.

"I saw Roukhomovsky," says Prince B. Karageorgevitch, "at the time of his arrival at Paris, moved beyond the power of words to express in front of the display window of Lalique, alas! a fleeting emotion and one which has not served to guide this

fascinating performer in the path of true art."

Lucien Gaillard shows very beautiful combs made of branches of maple, mimosa and blue hydrangea, in which the gold of the tinted horn and the diamond blend very happily; then some lacquers, bronzes treated in very pretty Japanese style.

For some years now the mastership of this patient and diligent artist shows itself with a force more and more significant. It is a predominant manifestation of this salon.

Habert-Dys astonishes us a little with his large crickets fighting on a small box of bronze with artistic chasing, but he shows himself a master in metal by a large bronze vase decorated with sprayings of gold which recall the best "flammés" of Cariès.

Maurice Daurat decorates largely with the plant and the insect executed with great sincerity on trays, candlesticks and cane-handles, then he engraves frail flowers and tufts on thin plates of copper almost of the tenuity of lace.

Mr. Dubret, in his jewels, harmonizes very successfully reds and grays, enamels and precious stones in a brooch representing a sea-mew, and in a very pretty bracelet.

Mr. Feuillâtre shows us a delicate pendant in the form of two peacocks in white enamel supporting a precious stone, a circle of butterflies of irised gray forming a bracelet and a pendant besides; two butterflies in translucent enamel, bright gold laid on a large topaz with a warm glimmer.

Benedictus sends this year only a single panel of leather inlaid with silver and precious stones which is worthy of all praise both as to its composition and design, and especially the marvelous transparency of the colors, which resemble enamel and put to flight those who have worked leather and who know how earthy all colors become on this material.

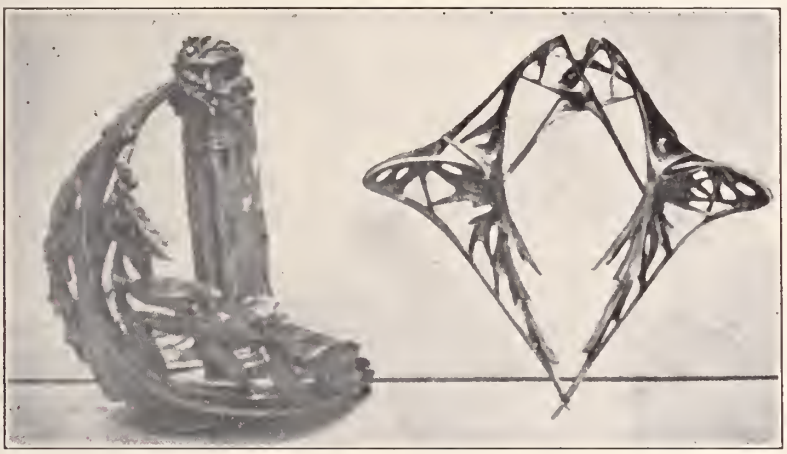
Tony H. Benninger, Cleburne, Tex., of whose bankruptcy proceedings mention was made in THE CIRCULAR-WEEKLY, Oct. 3, has been adjudicated a bankrupt in the District Court of the United States at Dallas, and the first meeting of his creditors has been called for Oct. 18. The meeting will be held at 10 A. M., in the office of Referee in Bankruptcy Eugene Marshall, Marshall building, Dallas, Tex., at which time creditors may examine the bankrupt and appoint a trustee.

The Newly Discovered Altar Treasures of the Papal House Chapel.

THE *Civilta Cattolica* of Rome contains a provisional report by Pater Grisar on the treasures of the altar in the Lateranensic house chapel of the Popes.

The first of the 17 pieces discovered is a wooden shrine dating, according to the inscription, from the period of Leo III. (795 to 816). It takes up the whole space under the altar table. In it all the pieces were placed in no order whatever. Many relics were without any designation, just as though in a moment of danger for the Lateran palace everything had been brought there helter-skelter.

The second and chief member of the whole collection is the golden cross of Pope Sergius I. (687 to 701). It is 27 centimeters high, 17 centimeters broad and 3.7 centimeters thick. The reverse is ornamented with seven scenes from the life of Jesus in enamel, viz., "The Anunciation," "Visit at Elizabeth's," "Birth," "Adoration of the Kings," "Flight to Egypt," "Representation in the Temple" and "Baptism in the Jordan."



SABER HILT AND BUCKLE BY G. DE RIBAUCOURT.

The front is divested of its ornaments and covered with a hard black mass which, although he was not allowed to examine it very closely, Pater Grisar declared to be petrified balsam. Grisar endeavored to prove, by means of the catalogue of relics of the Canon Giovanni from the 12th century, that the object in question must be the old relic of the Holy Cross. Among all the known particulars of the cross whose ancient adoration or worship is proven by documents, this is probably the most important and interesting.

Pope Sergius I. had, according to the *Liber pontificale*, the good fortune to find under the pavement in the sacristy of St. Peter a silver box containing a cross richly embellished with precious stones. Upon removal of the outer plates he discovered a wonderfully large piece of the Holy Cross. P. Grisar is of the opinion that the cross recently found by him is identical with the one discovered by Pope Sergius, and, furthermore, that it is none other than that deposited by Pope Symmachus (498 to 514) in his Oratory near the Peter's Church.

The gold cross of Sergius I. and another cross richly decorated with gems lay in silver cases showing relief ornaments. They date from the time of Paschalis I., successor to Leo III. The case of the Sergius cross is a square casket. Its lid shows in the center Christ sitting on the throne, below the throne the four symbolic rivers, and at both sides Peter and Paul. Above the apostles are two medallions with angels bearing a stick. The figures are gilt, while the field is of silver. This is also true of the sides of the casket, whose reliefs treat the youth of Christ.

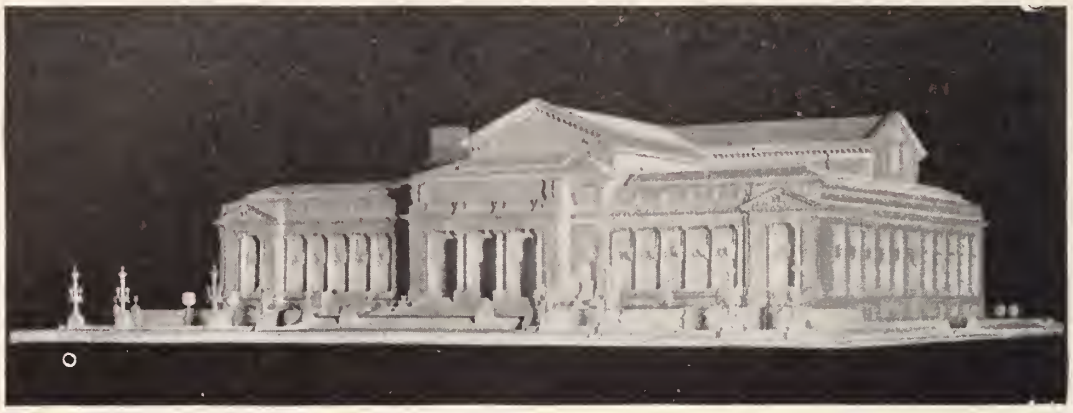
Grisar lays stress upon the value of the find, since few types have been available for the study of plastic silver work of the old churches from the epoch of the sixth and seventh centuries.

Among the remaining specimens belonging to the treasure, mention should be made of a large silver chest without inscription, containing, according to the old catalogues of Lateran treasure, the sandals of Christ, a reliquary of ivory with animal figures, fragments of an ivory host or water capsule with heathen scenes, parts of very old copes and a fragment of a silver reliquary with engravings from the 12th century.

Jewelry, Clocks, Watches, Silverware and Kindred Lines Exported from New York.

WASHINGTON, D. C., Oct. 10.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Acajutla: 4 packages plated ware, $310.
Barcelona: 1 case jewelry, $132.
Berlin: 18 cases clocks, $817.
Bombay: 63 cases clocks, $1,110; 18 cases clocks, $308.
Bremen: 1 package plated ware, $215; 1 package optical goods, $125.
Calcutta: 10 cases clocks, $135.
Campeche: 3 cases clocks, $460.
Carthagena: 5 cases clocks, $215.
Chemulpo: 22 cases clocks, $251.
Christiania: 11 cases clocks, $108.
Curacao: 2 packages plated ware, $153.
Dublin: 7 cases clocks, $225.
Guayaquil: 1 case jewelry, $300.
Havana: 9 cases clocks, $355; 5 cases clocks, $267.
Hamburg: 2 packages plated ware, $890; 2 packages optical goods, $2,592; 4 packages optical goods, $731; 1 case jewelry, $450; 3 cases watches, $2,942; 1 case jewelry, $450; 3 cases watches, $2,942; 24 cases clocks, $687.
Havre: 1 case jewelry, $600.
Hobart: 6 packages plated ware, $565.
Hong Kong: 62 cases clocks, $1,054.
Hull: 2 packages plated ware, $175; 2 packages plated ware, $175.
Kingston: 3 cases watches, $332.
Liverpool: 13 cases clocks, $133; 1 case watches, $535; 1 case jewelry, $500; 87 cases clocks, $3,192; 1 case jewelry, $500.
London: 76 cases clocks, $1,950; 25 packages optical goods, $3,506; 41 cases watches, $8,415; 28 cases clocks, $2,449.
Malta: 25 cases clocks, $250.
Maracaibo: 2 packages plated ware, $151.
Matanzas: 2 packages plated ware, $100.
Melbourne: 1,091 cases clocks, $16,049; 8 packages optical goods, $1,360; 101 packages plated ware, $6,698; 3 cases jewelry, $441.
Port Natal: 4 packages plated ware, $307; 36 cases clocks, $739.
Rio de Janeiro: 2 cases watches, $499; 4 packages plated ware, $738.
Seville: 1 package optical goods, $140.
Shanghai: 1 package optical goods, $163; 102 cases clocks, $1,810; 2 cases watches, $500.
Sierra Leone: 10 cases clocks, $680.
Singapore: 2 packages optical goods, $194.
Stockholm: 1 case jewelry, $238; 3 packages silverware, $110.
Surinam: 2 cases watches, $150.
Sydney: 100 cases clocks, $2,411; 2 packages plated ware, $133; 2 packages optical goods, $300; 103 cases clocks, $2,580; 2 cases watches, $725.



THE NEW PUBLIC LIBRARY

ANNOUNCEMENT

DIRECTLY OPPOSITE the new Public Library, illustrated above, we have opened at

475 Fifth Avenue

(Farmers' Loan & Trust Co. Building)

an establishment in addition to our downtown quarters which will continue to be maintained as heretofore.

The Fifth Avenue location is especially convenient for Jewelers in the fashionable up-town districts and for visitors arriving by the Grand Central Depot and the new Pennsylvania Terminal in course of construction. Indeed, it is readily accessible by all lines of transit.

In this new and attractive establishment will be displayed the superior showings of important pearls and high grade gems with which we have long been identified.

ALFRED H. SMITH & CO.

IMPORTING GEM MERCHANTS

475 FIFTH AVENUE 170 BROADWAY

NEW YORK

Important Pearl Suit.

Questions as to Difference Between Loose Pearls, Pearls Strung and Necklaces Now Before the Courts.

Questions in relation to the distinction, from a customs point of view, between loose pearls and pearls strung, or a necklace, will enter into several cases that are to be argued in the United States courts at New York within a short time, prominent among them being the so-called Citroen and Tiffany cases. The Tiffany case, which has been pending for several years, and in which the Government has been defeated in the lower court, is on the calendar of the present term of the United States Circuit Court of Appeals for the Second Circuit, but will probably not be reached until late in the present year.

Because of the fact that the Tiffany case has been closely contested in the lower courts, and especially on the trial before Judge Coxe and a jury in the United States Circuit Court, references to it and to the judge's ruling will be made in the other cases. The action comes in the form of a suit brought by the United States against Tiffany & Co., to recover duties which the Government claims on an importation of 59 pearls. The importers paid the duties as originally assessed, received the pearls and delivered them to the buyer, after which there was a reliquidation on the Government's part and a demand for additional duties.

The pearls were brought to New York July 28, 1902, on *La Gascogne*. Other articles were imported at the same time, and the company paid a total duty on the importation of $3,940.25. The entry and payment were liquidated by the Collector about Dec. 9 and declared to be correct, notice to this effect being sent to the company. May 7, 1903, the Collector notified the company of a reliquidation, claiming that the duties should have been $12,062.25 instead of $3,940.25, the amount which was actually paid. The company refused to pay $8,122 in increased duty which the Collector then claimed.

The demand for additional duties was based entirely on the claim that the 59 pearls, valued at $16,244, should have been classified as a necklace, dutiable at 60 per cent., instead of loose pearls, dutiable at 10 per cent., as on the entry and first liquidation. The importers refusing to pay the additional sum, the Government then brought suit. The trial before Judge Coxe and jury took place Jan. 4, 1905, Henry A. Wise, assistant district attorney, appearing for the Government, while the importers were represented by W. B. Coughtry and A. J. Rose.

At the trial in the Circuit Court the testimony showed that in the Summer of 1902 Morris Guggenheim, an executive officer of the American Smelting & Refining Co., visited the Paris store of Tiffany & Co., and looked over a quantity of loose pearls. He said on the stand that he picked out a number, matched them as to size, color and luster, and put them together by laying them singly on a piece of paper. When questions were asked with a view of getting the witness to say that his purpose was to obtain a necklace, the attorney for the defendant interposed objections which were sustained.

The witness said that after making his selections in the manner mentioned he requested a memorandum of the 59 pearls, with the weight of each and a sketch of the size of each. He told the salesman to deliver the pearls to him in New York. There is no question that the pearls which were delivered to him in New York are the same as those which he picked out in Paris.

Gen. Geo. W. Mindil, precious stone examiner, testified as to his examination of the pearls at the time of their entry. They came in four lots, each lot wrapped in tissue paper, as is customary in shipping pearls. A lot of 13 pearls weighed 64¾ grains, 21 pearls weighed 138¼ grains, 15 pearls weighed 137½ grains, and 10 pearls weighed 141¾ grains. He said that the pearls in each lot were not assorted in any way, and they were not strung; they were loose pearls and drilled. There was nothing about them in the shape of a necklace; they were not in the form of a necklace in any way; there was no clasp, and a necklace could not be made from the pearls in any of the packages, because there were not enough of them.

Tenbrocck Morse testified that he is an expert in unmounted stones, who had been with Tiffany & Co. for 27 years. He identified the 59 pearls, which he saw when they came from the customs house, and said that they were simply loose pearls not assorted as to size, color, luster or anything, and different in no way from other ordinary importations of loose pearls. To string pearls, such as those were at that time, takes the services of an expert, so as to assort for size, color, shape and luster, in order that they may be blended. He said that the value of the string of pearls is not always influenced by the work of assorting or the way they are put together. The aggregate value of the 59 loose pearls, he said, estimating the separate value of each and adding the results, would be about the same as their value when strung together. He said that he had put the pearls together as a necklace.

Judge Coxe, in charging the jury, recalled that in another prior case, also involving an importation of pearls by Tiffany & Co., the courts had definitely held drilled pearls to be dutiable by similitude at 10 per cent. as loose pearls or pearls in their natural condition. The question in the pending case, he said, is whether the pearls are nearer to pearls in their natural state than to strung pearls. He continued:

> Of course, gentlemen, the question in all these cases is to be determined or based upon the condition of the merchandise as it arrives at the port of importation. What the articles were in the country from which they were imported, or what they may subsequently become in this country, is not material facts to take into consideration. Congress levies duties upon the goods that arrive here, and that is determined by their condition when they do arrive. But if you should say, gentlemen, that the pearls in question were selected for the purpose of a necklace, we will say, by a careful process of assortment and selection as to size, quality, luster and shape, and that that combination, the value of which was enhanced by reason of the expert knowledge which made the selection, and that subsequently, as the counsel had expressed it, the combination of the necklace was "knocked down" or taken apart, or unstrung merely for the purpose of importation; merely for the convenience of importation, so that the combination of pearls is worth more than the individual units of the pearls which form the combination, then I think you will have a right to say that such an importation was nearer pearls set and strung than pearls in their natural state not set or strung.

The judge added that in his opinion it there was such a combination, increasing the aggregate value, then the mere fact of the pearls being imported off the string would not change their character. The opinion of the Circuit Court of Appeals in the earlier Tiffany case was quoted. In this opinion the court held that drilled pearls, when unmatched, are nearer to pearls in their natural state than to strung pearls.

After the jury brought in a verdict for the importers, the Government took the present appeal. One of the claims made by the Government is that the importers lost their rights in court by refusing to pay the additional duties; that the proper course for the importers was to make payment and then file a protest before the Board of United States General Appraisers. This contention was overruled in the Circuit Court.

Regular Annual Meeting of the Optical Society of the State of Pennsylvania.

PHILADELPHIA, Pa., Oct. 10.—The 11th annual meeting of the Pennsylvania Optical Society was held at the Continental Hotel, this city, yesterday evening, with a large attendance. The treasurer's report showed the finances of the association to be in a very satisfactory state.

The following were elected as officers to serve for the ensuing year: President, J. F. Brinkerhoff, West Philadelphia; first vice-president, H. W. Patterson, Salem, N. J.; second vice-president, A. H. Peoples, Chester, Pa.; secretary, C. A. Longstreth; treasurer, H. F. Freeman; Executive Committee, R. A. Tollinger, J. D. Killheffer, J. H. Martsch; auditors, R. A. Tollinger and W. F. McCaffrey.

The president was directed to appoint a committee of five to carefully consider the question as to whether it would be advisable to attempt to introduce an optometry bill at the next State Legislature, at Harrisburg. H. L. DeZeng then gave a very interesting demonstration of his luminous retinoscope and ophthalmoscope.

Regular Monthly Meeting of the Rochester Optical Society.

ROCHESTER, N. Y., Oct. 10.—The regular monthly meeting of the Rochester Optical Society was held in the office of Clark & Bowen last evening, with 20 members present. After the regular preliminary business was attended to Dr. Bowen gave an interesting and instructive lecture on "How to Use the Ophthalmoscope," illustrating it by the aid of drawings, for which a vote of thanks was extended to him.

The subject of the next lecture will be announced later.

Chas. A. Shourds, Ja., Atlantic City, N. J., has announced to the trade that instead of retiring from business as he had contemplated, he has admitted a partner, J. C. Levy, of Philadelphia, Pa., and will continue business under the firm name of Shourds & Co.

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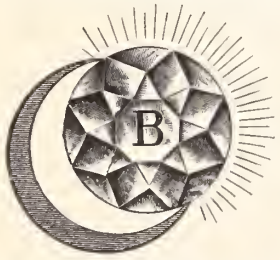
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Loose or mounted goods on memo. to responsible dealers.

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DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

The Strike in Chicago.

Manufacturing Jewelers and Employes Both Express Confidence as to the Outcome.

CHICAGO, Oct. 13.—The strike of the jewelry workers has not assumed any startling aspect within the last few days. The employers are claiming that their general work will be attended to as heretofore in a very short time. The association of the manufacturers has received several additions, increasing the number to 37 firms. The following statement is the latest to emanate from their headquarters:

"About 75 per cent. of the men are out. The employers are all in close touch with their men and have had personal talks with them and find that the greater number are not at all in sympathy with this movement, remaining away purely through fear and intimidation. The strike naturally handicaps the manufacturers to some extent, but most of the general work will be attended to within a short time, same as heretofore.

"The Chicago retail jewelers, as well as the entire jobbing trade, are with us in this movement, while the manufacturers throughout the country have offered to take charge of the work of the Chicago manufacturers. Consequently, it will only mean the delay of a few days in making up special work and general work. Under these circumstances the jewelry wearing public will surely have patience and grant a few days' additional time in supplying their wants."

The jewelry workers are in a cheerful mood, their ardor not having being dampened in the least by a week or so of enforced idleness. They impress the casual observer as being a high class of workers and their statement that violence is not one of their methods to gain their demands is certainly borne out by their appearance. They feel that the manufacturers will eventually grant them all that they are asking—an eight-hour day. By the nature of their work individual skill alone is responsible for the amount of wages which a worker receives—ranging from $10 to $40. This fact alone, the workers claim, if their one demand is granted, should adjust all differences between employer and worker.

The officers of the local union, with headquarters at 49 La Salle St., are as follows: F. Vodtman, president; M. Stuhl vice-president; Wm. G. Werner, secretary; Henry Lobert, financial secretary; Martin Priben, treasurer.

NOTES ON THE STRIKE.

The Jewelers' Association claim that they have been assured of the moral support of the New York association and those of other large cities.

Benefits are to be paid the strikers only after they have been "out" two weeks. The amount to be paid each individual, it is said, ranges from $4 to $9.

Rumor has it that the men in one of the largest shops, and one of the last to strike, were influenced only by the promise of the union to pay them full wages while the strike lasted.

It is stated on good authority that the treasury of the strikers had less than $2,000 in it at the beginning of the strike. The benefits to be paid 300 strikers weekly would require at least $2,400.

In at least two shops in the city the workers are permitted to work unmolested. An official of the union stated that this was not unusual—"in fact," he added, "any workman could return to his bench tomorrow and would not be molested."

Two or three manufacturers are arranging to open shops in New York. They claim that arrangements can be perfected whereby special orders will require less than two days for carrying.

Fight to Compel Abraham Goldberg to Account for Assets to His Trustee in Bankruptcy.

In the bankruptcy proceedings of Abraham Goldberg, a retailer, who was formerly in business at 132 Ridge St., New York, an oral argument was heard, Friday of last week, before Referee William Allen on a motion to direct the bankrupt to pay over to the trustee of the estate merchandise to the value of $10,000 or the equivalent in cash. C. Mervyn Mackenzie appeared for the trustee and the bankrupt was represented by Leonard Bronner.

In his argument Mr. Mackenzie denounced the bankrupt, charging him with the concealment of assets and with swearing falsely in order to carry out the deception. According to Mr. Mackenzie, the bankrupt made a statement in November, 1902, to the Jewelers Board of Trade, claiming then to be worth above all liabilities more than $20,000. In the course of the next 18 months, it was said, the bankrupt increased his merchandise indebtedness by several thousand dollars, reduced the amount due himself considerably and changed the $20,000 surplus to a deficit of approximately $14,000. "Where did the $34,000 go?" asked the attorney. No specific losses have been mentioned that give any adequate explanation, the counsel said, for the disappearance of all this property.

According to the bankrupt's testimony, he delivered diamonds to the value of $1,100 within a short time prior to his failure to a man who cannot be found, and to whom the bankrupt has referred under three different names. After parting with these diamonds the entire stock was not worth more than $200, according to the attorney's analysis of the bankrupt's testimony. Although the voluntary petition in bankruptcy was not filed until the close of September, 1904, yet the evidence indicated that the failure actually took place as early as June.

Other statements made in explanation of the disappearance of assets was that he had given jewelry to several men whom he did not know and who afterward went to Long Island, Chicago, Europe and other places where they cannot be found. The attorney said that he had taken the names of the three largest debtors owing Goldberg altogether $2,000 and had asked the bankrupt who they were. The bankrupt did not know any one of them. The total amount of accounts due the bankrupt, according to the schedule, was about $5,000.

"Swallowing all the stories of the bankrupt as to where his assets went," said the attorney, "he still only accounts for the disappearance of $7,000 or $8,000, leaving $26,000 or $27,000 worth of property that has gone without any explanation." The attorney next took up the bankrupt's testimony as to having no assets in June but in July offering to compromise with creditors at 30 per cent., an offer requiring the production of $35,000 in cash in a year or so. After the Bridge St. store was closed, the bankrupt went to live on 80th St., where he remained for a couple of months. In July he went with the Yorkville Jewelry Co., which was incorporated by his son-in-law, Mr. Rathman, his brother-in-law, Mr. Holland, the latter's father-in-law, and a lawyer, Mr. Gans.

The bankrupt said that he had paid out $2,000 for a feast and dresses at the time of his sister's wedding. The wedding came, the attorney said in March, and the failure in June. The property at 132 Ridge St., owned by the bankrupt, had been traded by him for another piece of property and that for a third, which had been sold.

The bankrupt denied, Mr. Mackenzie said, that he had any other real estate interest, but when brought to a corner had admitted the ownership of an equity in Brooklyn property, which he obtained within two years of his failure, about $1,500. This was used, according to the bankrupt's explanation, in order to give a wedding present to his son.

Three bank books showed money deposited in the bankrupt's name after his failure, the lawyer said, and as late as August $2,000 had been deposited in one of the banks to the bankrupt's credit. Mr. Mackenzie also reviewed testimony as to the bankrupt's getting $4,000 for real estate on Houston St. and other assets.

Then the attorney gave his attention to the organization of the Yorkville Jewelry Co. He said that Goldberg had conducted this business on First Ave. for 18 months. The incorporators, according to their account, had started with $1,800, and they sold for $2,200. Mr. Walker, who bought it, said that in his opinion it was worth more than $3,000.

Mr. Mackenzie charged that there were most suspicious contradictions and inconsistencies in the testimony of the bankrupt and his witnesses. The attorney argued that the store of the Yorkville Jewelry Co. was really conducted as his own by Mr. Goldberg. When the trustee asked the court for an order directing the bankrupt to turn over assets, Goldberg became frightened, the attorney claimed, and this was the reason for the hurried sale. It was claimed by Mr. Mackenzie that the testimony and the inadequate explanation of the bankrupt all lead to the conclusion that he had secreted his money where it is still in his control and that he should be directed to turn over the amount mentioned to the trustee for the benefit of his creditors.

Mr. Bronner replied at considerable length. He laid stress on his client's lack of familiarity with English as well as with business practices as explaining much of what might seem inconsistent and contradictory. The attorney also argued that business men often lose their money without knowing exactly how it all happens. Many a man, he claimed, is unable to explain the losses which occur in the course of trade.

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with strong lines of Oriental, Montana and Australian Sapphires, Reconstructed Rubies, Opals, in regular shapes and selected qualities.

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Trade-Marks of the Jewelry and Kindred Trades.

Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Reward of $100 for Arrest of Salesman Charged With Robbing Pittsburg Instalment House.

PITTSBURG, Pa., Oct. 13.—A big diamond robbery has been committed in this city, and B. S. Jaffe, alias Lewis, alias Bloom, alias Goldbloom, is wanted to answer the charge. He is accused of stealing $5,000 worth of diamonds from the Castelberg Jewelry Co.'s store, 408 Smithfield St., where he was employed for a number of months.

The Castelberg house did not know the man's record at the time he was employed, but coming to them well recommended, he found no difficulty in securing work as a salesman. Charges have been preferred against him before Magistrate Brady, of this city, and the detective force of the entire country has been notified to be on the lookout for him. He is believed to be the man who served a term of 18 months in the



B. S. JAFFE, MISSING JEWELRY SALESMAN.

Western Penitentiary for floating forged paper.

While employed by the Castelberg Jewelry Co. the accused did not use a new method, but was clever enough to get away with the stock before being caught. The concern is an instalment house, and Jaffe made out leases for the sale of goods which he was supposed to have made. He would dispose of these goods at pawnshops and fill in the leases with names of citizens who were thought to be reliable. In addition to making away with a large amount of stock in this manner he is accused of stealing several thousand dollars' worth of diamonds from the firm.

When his disappearance was discovered and the police notified, officers went to Jaffe's room and searched it. Letters found in his trunk led to the identity and gave the police clues as to his former character. Photographs showing him in his prison garb were secured and his likeness is being sent all over the country, and it is believed that he will be caught in a very short time.

Jaffe is a Jew, is about 25 years old and 5 feet 5¼ inches in height and weighs about 138 pounds. He has a smooth face, small blue eyes, very prominent forehead, black hair with a gray spot on top of the head. He is a droll conversationalist and always avoids looking one in the face when talking. Superintendent of Police Thomas A. McQuaide is very anxious to hear from the man and a reward of $100 has been offered for his arrest.

Several charges have been entered against the man.

Although it is a week or more since he left the city, no trace of the accused has been found. Most of the diamonds he pawned were sold at a sacrifice, but as he made away with a large amount not disposed of in this manner, he probably will be heard from in some other city. It is believed that Jaffe will obtain employment at some jewelry house in another city.

David Canter, Pittsburg, Pa., Goes Into Voluntary Bankruptcy.

PITTSBURG, Pa., Oct. 11.—David Canter, a local jeweler, yesterday filed a voluntary petition in bankruptcy in the United States District Court, with schedules, giving his assets as $2,932 and his liabilities as $2,449.50. From the records it appears that he was forced to take this step because of certain judgments secured against him. His assets consist principally of accounts.

Judgments were recently secured against Canter by Simon Abels, Kingsbacher Bros., L. J. Selcznick, Moss Distillery Co. and Louis Amsdell. A note, made payable at the Cosmopolitan National Bank, made by W. V. Canter, and endorsed by David Canter, falls due Oct. 20. All his debts were contracted individually by him and not as a partner. Of the assets Canter has an insurance policy in the New York Life Insurance Co., which has a cash surrender value of $132. He has book accounts amounting to $2,800 and claims $300 under the exemption act.

The following is a complete list of the creditors scheduled: Simon Abels, $138; Braddock Planing Mill Co., $49; Kingsbacher Bros., $98, due on a judgment of $295; Kuhn & Co., $15; L. J. Seleznick, $278 (judgment entered); Moss Distillery Co., $33; Saffir Bros., $142; Louis Amsdell, $224; Freudenheim Bros. & Levy, $233; Davis & Co., $235; M. Holzner, $100; J. Rosenberg & Sons, $51; Moss Distillery Co. (money due on stock transaction), $150.

Canter says that he is without funds to pay the costs in the proceedings which have been begun. He has had considerable trouble lately. Some time ago his place in Fifth Ave. was robbed and considerable jewelry was stolen, but much of this was afterwards recovered by the police.

Morris Yaseen, who has conducted jewelry stores at 113 and 115 N. Main St., Pittston, Pa., for a number of years past, recently purchased the entire stock, fixtures and good will of an old established stand here, formerly conducted by W. L. MacDougall, who was its proprietor for more than 20 years. Mr. Yaseen is assisted in the management of his new quarters by his son, Benjamin Yaseen.

Diamond Cutters and Polishers of Amsterdam Obtain from Employers an Increase in Wages.

Information of an interesting character in relation to the labor situation in the diamond factories of Amsterdam and Antwerp recently reached New York. A member of the trade, who received letters from Amsterdam, said that advances of 5 to 10 per cent in pay have been granted to the polishers in several of the shops. In some instances the advances have been as high as 15 per cent. Negotiations are now in progress between the men and other diamond manufacturers who have not yet granted advances to the polishers. Negotiations were also in progress, it is said, looking to a general advance of 10 per cent. in the pay of all the cutters. It is reported that this was granted.

The 7,000 men who are employed in Amsterdam, according to estimates, as polishers and cutters, get from 45 to 70 guilders, a guilder being equal to 40 cents. Some men are paid by the piece, others get salaries. The 4,000 men employed in Antwerp, who are paid somewhat lower prices, are likely, it is said, to follow the Amsterdam workers in asking for advances.

A member of the Diamond Workers Protective Union, New York, said that the labor developments in Europe are somewhat similar to those which occurred here last year when men obtained advances in pay and salaries were substituted to a large extent for the piece plan. He said that the labor union in Europe declined to renew the contract with the employers because it was found that there were inequalities in the rates paid in different factories. The policy of the union, he said, is gradually to advance the rates in the shops in which the pay is below the average, until all are on the same plane, as is now the condition in New York.

Friends Seek F. X. Guth, Coraopolis, Pa., Jeweler, Missing Since August.

PITTSBURG, Pa., Oct. 12.—F. X. Guth, a jeweler at Coraopolis, Pa., has been missing for the last four or five weeks. It was learned to-day that some trace of him had been found, and that he is in a hospital at Chicago, but this could not be verified. Guth was to have opened a store at McKeesport, Pa., and bought goods with that intention, but the store was not opened, and some Pittsburg friends are now anxious to learn of his whereabouts. It is said that the goods were moved out of his Coraopolis store, which is closed.

Guth was formerly a watchmaker, and was employed for a number of years by a Pittsburg house. After he left the wholesale house in question, he opened a store at Coraopolis. His strange disappearance is worrying his friends, and also some firms who gave him credit. Just what happened to him is not known, but several local dealers would like to get some word from him, as he has not been heard from since the latter part of August.

Smith & Sons, Easton, Pa., have consolidated their downtown store at 145 Northampton St. with the establishment at 310 Northampton St.

WE CATER FOR SPECIAL ORDERS

CHART FOR THE GRADING OF DIAMONDS

A. Blue white and perfect
B. Blue white and very slightly imperfect, commercially perfect
B1. Blue white and slightly imperfect
BX. Blue white and imperfect

C. Extra white and perfect
D. Extra white and very slightly imperfect, commercially perfect
E. Extra white and slightly imperfect
EX. Extra white and imperfect

1. White and perfect
2. White and very slightly imperfect, commercially perfect
3. White and slightly imperfect
3X. White and imperfect

4. Commercial white and perfect
5. Commercial white and very slightly imperfect, commercially perfect
6. Commercial white and slightly imperfect
6X. Commercial white and imperfect

7. Good color and perfect
8. Good color and very slightly imperfect, commercially perfect
9. Good color and slightly imperfect
9X. Good color and imperfect

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When you want a very fine diamond
" " " " " large diamond
" " " " diamond of any size or quality
" " " " diamond guaranteed as to quality
" " " any diamonds for your stock

Send to us and others and compare prices and qualities. We carry a very large stock and can fill your orders promptly.

HENRY GINNEL & COMPANY

Cutters of Diamonds

Established 1835. 31 Maiden Lane, NEW YORK



Paris Combs
Jet Mounted Combs

"The Proof of the Pudding is in the Eating"

Our line has proved a big seller with our customers.
Exclusive Designs from our Factory.
Styles that can only be found in our line.

NO COMPETITION BIG MONEY MAKERS

Send for Samples They do the rest

Send for our semi-monthly circular

CHOPARD FRÈRES

49 Maiden Lane
NEW YORK

Factory, 35 Rue des Trois Bornes
PARIS, FRANCE

Association of Jewelry Jobbers of Missouri Organized by St. Louis Firms.

St. Louis, Mo., Oct. 10.—The Association of Jewelry Jobbers of Missouri is the name of the organization formed by the jobbers of this city, for which incorporation papers have just been received from the Secretary of State, at Jefferson City. The temporary officers of the association are: President, Edwin Massa; secretary, H. S. Aller; treasurer, M. Eisenstadt, who, with the following, compose the executive committee: Morris Bauman, Charles R. Hettel, Oscar F. Uhl, O. J. Pfeiffer, Alvia L. Bauman and I. N. Hahn.

The objects of the association, as set forth in the charter, are to secure a closer union and more cordial co-operation among the jobbing jewelers and jobbers of kindred lines in the State of Missouri, to procure and furnish information relating to the common welfare and interest of the trade; to foster and encourage the development of the arts and sciences relating to the jewelers' art; to promote honest and just methods of conducting business and to discourage improper dealings and to correct evils, to the end that the relations of the jobber to the jobber, the jobber to the retailer and the jobber to the manufacturer shall be fair, equitable and cordial; to acquire, own and hold real estate or lease thereon and personal property, and to mortgage or encumber the same for the purpose of raising money to carry out all the objects of the organization.

It is expressly declared that the association is not organized for business purposes, nor for the pecuniary profit of its members. The election of officers will be held upon the return to the city of Mr. Massa, temporary president.

New Members Elected by the Jewelers Security Alliance.

The regular monthly meeting of the executive committee of the Jewelers' Security Alliance was held Friday, the following members being present. Chairman Butts, President Sloan, Vice-Presidents Wood and Champenois, Treasurer Karsch, Secretary Noyes, and Messrs. Abbott, Alford, Bowden, Brown and Stern of the committee. The following new members were admitted:

Abraham & Roth and D. Behrend, San Francisco, Cal.; C. G. Bergman Co., Charleston, W. Va.; Benjamin Cohen, Oakland, Cal.; Samuel Hammond & Co., New York; Wm. L. Lambrecht, Chicago; Chas. B. Morgan, Holdrege, Nebr.; Glen H. Ries, East Syracuse, N. Y.; F. A. Ryer & Co., Kansas City, Mo.; Wm. Scheppler & Son, San Francisco, Cal.; John W. Boyce, Boston, Mass.; Krikorian & Manookian, Atlantic City, N. J.; Archir K. May, York, Pa.; I. G. Niemi, San Francisco, Cal.; Ormond & Klueber, Sedalia, Mo.; W. G. Smith, Columbus, O.; Herbert W. Smith, Fair Haven, Vt.; Ebb. N. Zell, Reading, Pa.; Dimon Bros., Candor, N. Y.; Wm. H. Graves, Newport, N. H.; W. H. Groesbeck, Clyde, N. Y.; N. Highfield, Norfolk, Va.; V. L. Kline, Goldfield, Nev.; J. M. Palmer, Oakland, Cal.; Joe. Wellstein & Co., Milwaukee, Wis.; A. Bergeda & Bro., Nashville, Tenn.; Henry Berlovitz, Paterson, N. J.; R. S. Conner, Schenectady, N. Y.; Deremer & Co. and Morris Farber, San Francisco, Cal.; Eugene Ferris, Mt. Morris, N. Y.; Wm. Glindemann, San Francisco, Cal.; T. J. Greene & Co., Dickinson, N. Dak.; Chas. H. Jahn, Enid, Okla.; Richmond & Conklin, Mt. Morris, N. Y.; Saunders & Son, Alexandria, Va.; Wm. C. Weber, New York; Arthur Beaudet, Woonsocket, R. I.; Becker & Ramage, La Salle, Ill.; O. H. Benoit, New Bedford, Mass.; Frank H. Corwin, Riverhead, N. Y.; Geo. A. Desenfant, San Francisco, Cal.; H. Fellman, Woonsocket, R. I.; Mrs. I. M. Goldberg, St. Paris, O.; George Greenzweig & Co., San Francisco, Cal.; Kershaw & Hawkins, Perry, N. Y.; William N. Koll, Brooklyn, N. Y.; W. A. Persey, Washburn, N. Dak.; Rogers, Lunt & Bowlen Co.; Greenfield, Mass.; Seaman & Struntz, Philadelphia, Pa.; W. K. Vanderslice Co., San Francisco, Cal.; O. A. Wise, Mitchell, Ind.; Geo. Back, Gothenberg, Nebr.; Hoffman & Hoffman, Loogootee, Ind.; Geo. Zylstra, Chicago; Parker Bros., Mobile, Ala.; Burn Jewelry Co., Birmingham, Ala.; Harvell Jewelry Co., Staunton, Ill.

A reward of $100 was paid to John H. Boyle, for the arrest and conviction of Chas. G. Bruffee, who broke into the store of E. A. Whipple & Sons, Springfield, Mass., and was sentenced to imprisonment in the Massachusetts Reformatory.

Boston Jewelers' Club Members Gather at Quarterly Meeting and Dinner.

Boston, Mass., Oct. 12.—The regular quarterly meeting and dinner of the Boston Jewelers' Club, which took place Tuesday, at the Hotel Somerset, was attended by about 30 members of the organization, and was an informal gathering of a social character. Plans were discussed at a brief business session, previous to the dinner, for the annual banquet in February next, and it was delegated to the president to appoint a committee of five with full power to arrange the details for that occasion.

There was no prearranged programme of after-dinner speaking, but President C. O. Lawton called upon a number of the participants to address the gathering, among them being Irving Smith, of the Crescent Watch Case Co., now of New York, but formerly of Boston, who was virtually the founder of the club, as it was organized mainly upon his initiative. Ex-Presidents Blake, Morrill, Patterson, Smith, Thompson and Messrs. E. R. Crippen, Benj. Griscom and a number of others who were present contributed in addresses or stories to the entertainment of the assembled company.

The weather was exceedingly inclement, else there might have been a larger attendance, but the affair was nevertheless a very enjoyable one for all who took part in it.

Albro & Kettlety, Providence, R. I., Make a General Assignment.

Providence, R. I., Oct. 15.—The well-known jewelry firm of Albro & Kettlety, composed of Silas W. Albro and George H. Kettlety, made an assignment last week to Ralph T. Barnefield. It is not thought that the figures of the assignment will run over $10,000, although it will take some little time to figure out the exact amount of the liabilities and assets. The cause of the assignment is said to have been the lack of ready capital with which to carry on the business. The largest single liability is a chattel mortgage for $2,000. The firm was started in 1904, succeeding the firm of Albro & Co., and the news of the failure was received with considerable surprise by the members of the trade, few of whom were aware that the concern was in financial difficulties. Just what will be done with the plant has not yet been determined.

W. E. Swinney, Columbia, Mo., has admitted a partner in the business, and the firm style is now Patton & Swinney.

Death of Henry R. Birely.

Oshkosh, Wis., Oct. 15.—Henry R. Birely, for 35 years prominently identified with the interests of Oshkosh, and a man well beloved by a great number of friends, passed away at his home, 151 Main St., at 5 o'clock Wednesday afternoon, after an illness of nearly 10 months. Death resulted from a cancerous growth. The end was especially tragic, though apparently painless. While his aunt, Mrs. Tulley, was reading a cheerful passage to him, Mr. Birely laughed gently, and life left him without pain and entirely without warning.

Henry Russell Birely was born in Hamilton, Can., May 23, 1859. When he was a child of two years he came with his family to Decatur, Ill., where they were for several years, later living for a short time in Danville, Ill. In his boyhood the family went to Mineral Point, Wis. Eventually in 1878 Mr. Birely decided to locate in Oshkosh as a jeweler and came here and opened a business which is still conducted under the Birely name at 151 Main St. The family followed him and the firm of Birely & Son was formed, the members being J. G. and H. R. Birely. On account of his father's ill health the son has had several years of active management of the business, which developed in the course of time to large proportions. As manufacturing jewelers and silversmiths, as well as in their retail establishment, the firm became one of the leaders of the city. Deceased was a member of the Oshkosh Lodge No. 127 F. & A. M., and had been identified with the Masons for about 10 years. Surviving him are the parents, Mr. and Mrs. J. G. Birely, and one sister, Mrs. McCormick.

The funeral services will be held this afternoon at 2 o'clock at the residence, which is located in the second floor of the building occupied by the store of Birely & Son. Edward H. Smith, pastor of the First Congregational Church, will officiate, the interment being at Riverside Cemetery, in the family lot.

Death of George William Marshall.

George William Marshall, who for a number of years had been in the jewelry business in Brooklyn, N. Y., died Sunday, at his home 572 Classon Ave., in that borough, in which he had lived for 80 years. His business was conducted in the Willoughby building, on Fulton St., Brooklyn, until 1892, when he retired.

Mr. Marshall was born 85 years ago in New Haven, Conn., and was a descendant of William Marshall, who was the first Earl of Pembroke. He had long been affiliated with the Magnolia Lodge 156, of Odd Fellows, and was one of the oldest members of the order in Brooklyn.

Five grandchildren survive. His wife died a number of years ago.

Arrangements have been made whereby the American Sapphire Co., of Yogo, Mont., will have its stones cut at Great Falls, Mont., instead of sending them to Europe. The company has opened an office in Great Falls, in charge of Henry L. Crittenden. The necessary machinery for cutting has been ordered.

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds
Other Precious Stones, and
Pearls, Diamond Jewelry

1840, Randel & Baremore; 1866, Randel, Baremore & Co.; 1880, Randel, Baremore & Billings; 1897, Chester Billings & Son

New York, 58 Nassau Street, 29 Maiden Lane
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NOW READY

New and Attractive Line of

BRACELETS
COLLARETTES
PENDANTS

in 14 Karat and Platinum

COOPER DIAMOND COMPANY

47 and 49 Maiden Lane, New York
Diamond Cutters and Manufacturing Jewelers

EDUARD VAN DAM
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My Specialty

WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

Entire Stocks and Estates Bought

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Everyone knows that I pay more for

AMERICAN PEARLS

than any other firm.

Maurice Brower

12-16 John St., New York

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Examination in Bankruptcy Proceedings Against Sol. Urbach Continues Before the Referee.

Sol. Urbach, diamond jobber, at 49 Maiden Lane, against whom bankruptcy proceedings were begun recently, after he had reported the loss of his stock, valued at $40,000, while in a sleeping car on the B. & O. Railroad, was further examined Monday before Referee in Bankruptcy F. K. Pendleton, and this examination was continued yesterday. The inquiry is being conducted to determine whether or not an order should be issued directing Urbach to turn over to the trustee in bankruptcy stock to the value of $40,000 or cash, it being charged by the counsel for the creditors that he still has control of the property, and that his story about the loss was a falsehood. Referee Pendleton will submit recommendations to the United States District Court. Gustavus A. Rogers and Alfred Wolf, also Mr. Hays, of Hays & Herschfield, appeared for the creditors. Mr. Urbach was represented by Mr. Oppenheimer, of Thomas & Oppenheimer.

The principal witness examined Monday was Leonard Krower, of Albert Lorsch & Co. Mr. Krower said that he is chairman of the creditors' committee, and that his firm is a creditor to the amount of about $5,000. When Urbach reported the loss of his stock, he called on Mr. Krower. At that time, according to the witness, Urbach said that he had real estate accounts and jewelry that would make up in value about $12,000 or $15,000, and was willing to turn over everything he had to the creditors.

Mr. Krower told Urbach to turn over his assets to Leopold Stern, of Stern Bros. & Co., or to the witness, or to any of the creditors. The witness told Mr. Urbach, according to the testimony, that if the loss or robbery was shown to be genuine the witness would undertake to have the creditors accept a compromise in order that Mr. Urbach should not be made to suffer unduly for a misfortune.

Mr. Urbach was to return the next day in order to turn over the assets to Mr. Krower. He came back the next day, according to the witness, and said that the real estate had been transferred to his wife, the open accounts were in the hands of a friend, and the jewelry had been taken from the safe deposit vaults and was also in friendly hands. Mr. Urbach then declined to carry out the agreement as to turning over the assets, it was said.

Mr. Krower was questioned as an expert as to handling and selling diamonds. He said that it was customary to place marks on the tissue papers showing the weights and selling prices. Even an expert could not identify ordinary commercial stones as individual stones, and could not tell their value by casually looking at them. He said that an expert salesman would not open his stock of diamonds before a prospective buyer and depend on his memory to tell the values. It took several years and much handling of diamonds, Mr. Krower said, to qualify a man so that he could be regarded as an expert.

This testimony was brought out for the purpose of showing that Mr. Urbach's story of going to Baltimore to sell the diamonds was absurd. Mr. Urbach had testified that there were marks on few if any of the papers, and that he intended in making the sales to be guided by his knowledge of what the stones cost him. It was shown that Mr. Urbach had been in the business not more than a year.

On cross examination Mr. Oppenheimer tried to bring out that in the case of a man like Mr. Urbach, who did not handle stones as extensively as the large dealers, and who had only 25 packages, valued altogether at $40,000, which had been in his possession for some time, he could quite readily remember their values. It was shown that the packages did not each contain a lot bought from the same firms, but the stones had been mixed. Some of the packages contained melange, and included stones which had been taken from articles of jewelry broken up for the purpose of getting the diamonds.

Labor Troubles Interfere With Silver and Silver Plated Ware Factories of New York.

In the midst of an unusually busy period, when silverware factories are being rushed to fill orders and many firms have been for some time trying in vain to get additional hands, there are symptoms of labor troubles at several points, and some apprehension is expressed that the trouble may extend to proportions that would injure the season's business. In a silver plated ware factory in Brooklyn the employes, to the number of more than 350, have been out several days, because the company refused to grant a demand for shorter hours, expressed briefly as "10 hours' pay for nine hours' work." A similar situation has existed for a few days in a silver plate factory in New York.

In one of the sterling silver factories of New York where 400 men are employed about 80 finishers stopped work last Friday because the company refused to discharge a workman, who was not in good standing with the union. The company took the position that it had nothing to do with differences between the union and the workmen. The man over whom the contention arose was a member, it is said, of another labor union, and on learning of the trouble he voluntarily quit work, although the management tried to retain him. The men had not returned to work in this factory up to the hour of going to press.

According to reports, there is a movement in the labor union to obtain concessions from employers generally by taking one shop at a time and ordering strikes here and there, as may seem advisable to the leaders. It will be recalled that there was a strike during the Summer in Cincinnati, and it is said that a strike is threatened in a St. Louis factory.

Involuntary Bankruptcy Petition Filed Against W. R. Austin, Port Huron, Mich., by New York Creditors.

Detroit, Mich., Oct. 15.—An involuntary bankruptcy petition has been filed in the United States District Court here against Winthrop R. Austin, a jeweler of Port Huron, Mich. The petitioners are three New York jewelry firms—M. J. Averbeck, Eisler & Laubheim and the Mauser Mfg. Co. Averbeck's claims amount to $566.65; Eisler & Laubheim's to $321.89, and the Mauser Mfg. Co.'s to $100.

The petition alleges that Austin's stock of jewelry was conveyed to one Raven, first name unknown, and removed from Port Huron.

Mr. Austin's lawyer intimated that the debts might go as high as $5,000. One of the largest creditors said that as far as he could learn the liabilities would not exceed $2,500.

Involuntary Bankruptcy Petition Filed Against Chas. Sloan, Pittsburg, Pa.

Pittsburg, Pa., Oct. 15.—An involuntary petition in bankruptcy has been filed in the United States District Court in this city against Chas. Sloan, doing business as Sloan & Co., wholesale materials and jewelry, in the Schmidt building. The usual allegations are made by the creditors filing the petition with the request that the defendant be adjudicated a bankrupt.

Mr. Sloan had been in business in Pittsburg and vicinity for a long time, and is well known. He first started in a small way in this city, having formerly been engaged at Wilmerding and also at Allegheny. For a while he was a traveler for the A. E. Siviter Co., and 16 years ago started in business for himself. He is about 38 years old, able and industrious, but has been hampered for some time by lack of capital. Mr. Sloan was also handicapped by an unwarranted charge during the bankruptcy proceedings of A. E. Siviter Co., under which he was arrested on the allegation that he had obtained goods from the bankrupt concern on memorandum, for which he had made no accounting. When the case came up for trial he produced receipts and credit slips showing that he had the goods on credit and was honorably discharged, but the notoriety did not help him. Besides local creditors, he has a few in New York and some in Providence.

North Attleboro Jewelry Manufacturer Badly Injured While Starting His Automobile.

North Attleboro, Mass., Oct. 13.—Walter B. Ballou, of the firm of R. Blackinton & Co., was seriously injured Tuesday morning in an automobile accident. Seven ribs were fractured, and it was at first feared that he was internally injured. During the past few days, however, he has improved very much and is now out of danger.

Mr. Ballou was preparing for an automobile trip, and backed his machine out of the shed, put on the first speed and went around front to do the cranking. The clutch in some way had been turned on and the minute Mr. Ballou turned the crank the auto jumped ahead, knocking him down and pinning him up against a fence. His shouts attracted the attention of his wife and some neighbors, who lifted the machine from the prostrate man and conveyed him into the house. Three physicians were summoned, and they found seven ribs fractured.

Had the fence been a foot further off Mr. Ballou would have undoubtedly been killed.

Charles B. Green, formerly of Rochester, N. Y., has taken a position with H. C. Morse, Rocky Ford, Colo.

Wm S. HEDGES & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS.

Precious Stones and Pearls.

170 Broadway, Corner Maiden Lane, New York.

27 Holborn Viaduct, London.

Saunders, Meurer & Co. Cutters and Importers of

DIAMONDS AND OTHER PRECIOUS STONES

FINE PEARLS A SPECIALTY.

65 Nassau St., cor. John St., Prescott Building, Telephone, 1613 Cortland. NEW YORK.

Chas. L. Power & Co., Cutters and Importers,

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Pearls and Precious Stones

3 Rue St. Georges, Paris 21 Maiden Lane, N. Y.

Will remove to 452 Fifth Ave., cor. 40th St., Knox Building, about Nov. 1, 1906

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DIAMOND CUTTERS

JOHN B. HUMPHREY CO.

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SPECIAL ATTENTION GIVEN to RECUTTING and REPAIRING IN OUR OWN FACTORY

The Salable MOUNTING



Pat. Oct. 24, 1905.

It gives light and brilliancy to the stone

EARSCREWS
EARRINGS
STUDS
SCARF PINS
and RINGS

of every description made in Platinum, 18k., 14k., all sizes.

Julius Wodiska

40 John St., New York

Manufacturer of a general line of

PLATINUM
18k. and 14k.
MOUNTINGS

Prompt attention given to special order work.

Estimates and designs submitted.

Diamonds recut and repaired.

News Gleanings.

J. R. King, Garland, Kans., has discontinued business there.

Bowman Bros., Mount Bethel, N. C., have discontinued business.

F. M. Smith has sold his store in Woodbine, Ia., to L. B. Hoyer.

W. G. Mead, Cortland, N. Y., has been succeeded by B. T. Jones.

Ida B. Ross, Talmage, Nebr., has been succeeded by Webster & Co.

Charles A. Ward, Washington, Kans., moved recently to Boston, Mass.

Thomas Morris, Crookston, Minn., has installed new fixtures in his store.

Landhuis & Terpstra, Hospers, Ia., have been succeeded by S. Terpstra.

Oscar Mandt, Edinburg, N. Dak., has been succeeded by Mandt & Torgerson.

L. M. Derby, Medina, N. Y., formerly of Albion, N. Y., has gone into bankruptcy.

R. A. Buckmaster, Kalamazoo, Mich., has been succeeded by T. A. Baden, of that place.

Joseph Embrey, Richwood, O., has just completed extensive improvements in his store.

George R. Bergen, Colorado Springs, Colo., is on a pleasure trip through the northwest.

S. W. Moody, Grand Junction, Colo., has just returned home with his bride. He was married Sept. 3.

Clark Bros., St. Cloud, Minn., are remodeling the front of their building and improving the interior of their store.

W. W. Hamilton has just returned from a successful business trip through Colorado in the interest of W. W. Hamilton & Co.

J. Shannon was arrested in Covington, Ky., recently, for selling bogus jewelry, and sentenced to 60 days' imprisonment.

J. G. Davenport, Battle Creek, Mich., has resumed his business duties after an absence of two weeks on account of illness.

Several hundred dollars' worth of stock was stolen, about a week ago, from the store of F. P. Blair, Bellefonte, Pa.

L. M. Gordon, who conducted a small jewelry and grocery business at Sumter, S. C., died recently. He leaves a widow and several children.

Mr. Steinmetz, of Steinmetz & Kaylor, Pekin, Ill., has the sympathy of his many friends in the trade, owing to the recent death of his wife.

Loren J. Henry, Rocky Ford, Colo., recently returned from an extended trip through the east with his wife. The store was managed during his absence by Dan Kugler.

It is understood that R. Ashby has sold his business in Colorado Springs, Colo., to a company in which his son is prominently interested. R. Ashby is one of the oldest jewelers in Colorado Springs.

Earl Mettler recently broke into the store of M. T. Hagerty, Easton, Pa., and stole about $40 in cash. Mettler confessed that he spent all but $13 of the stolen money. The balance was turned over to Mr. Hagerty.

F. L. Bentz, western and northwestern representative for W. W. Hamilton & Co., has been confined in St. Luke's Hospital, Spokane, Wash., for two or three weeks, with an attack of typhoid fever. According to last reports he is convalescing, and hopes to resume his trip soon.

Elver L. Rice, doing business under the name of the American Standard Jewelry Co., has commenced suit at Saginaw, Mich., against John C. Malone to recover for certain merchandise amounting in value to $180.76. The payment for the goods was to be made in time drafts in four equal payments, due three, six, nine and 12 months from the day of delivery. In case of failure to pay these drafts the whole was to become due and payable. The plaintiff alleges that the goods were duly forwarded to the defendant, but the defendant states that they were never received by him, and refuses to pay for same, though he was presented with the drafts. The plaintiff claims damages in the sum of $500.

A rule was granted by court, Oct. 6, in the case of the Elgin Jewelry Co. against Margrath Bros., of Hazleton, Pa., first to show cause why a portion of the verdict should not be stricken out, and second to show cause why a new trial shall not be granted. This case was heard on Monday and the jury returned Tuesday morning with a verdict in favor of the plaintiff for $172.70, with a conditional clause attached to it. The case was brought to recover $300 on a bill of jewelry, with which, it is alleged, the plaintiff supplied the defendants. The defendants did not deny receiving the goods, but claimed that they refused to accept the jewelry, as it was an inferior quality to what they had ordered.

New Stores and Enterprises.

J. R. Wheeler is opening a store at Winlock, Wash.

T. S. Weekeley is a new jeweler in Hood River, Ore.

E. O. Jones has begun business in Fort Collins, Cal.

Mudra & Seidil will shortly open a store at Stanton, Nebr.

R. E. Gill will soon open a new store at Clarksburg, W. Va.

John Vier, Houston, Minn., has begun business in Galesville, Wis.

Albert Thoron, Langdon, N. Dak., is a new jeweler at Caron, Sask.

P. G. Witt has engaged in the repairing business at Park Rapids, Minn.

J. A. Currie has opened a store at 5312 Germantown Ave., Philadelphia, Pa.

Julius Jesperson will engage in business at Clear Lake, Ia., in the near future.

F. Donnerberg has engaged in the retail jewelry business in Vancouver, Wash.

Marks & O'Connor will start in the retail jewelry business at Monmouth, Ill. Nov. 1.

Wm. E. Geddes will open a watch and jewelry repairing shop in Goshen, Ind., in the near future.

A watch and jewelry repairing establishment has been opened in Temple, Ariz., by Wm. Drorbaugh and C. Henline.

Mr. Niekamp, until recently with Al. Gerne, St. Louis, Mo., will shortly begin business for himself, in Salisbury St., that city.

Mr. Van Wetzel, for many years with A. C. Reichel, Union Hill, N. J., has commenced business on his own account at 242 Bergenline Ave., in the same place.

St. Louis.

A. S. Levi, of 1709 Market St., will, Nov. 1, open a store at 617 Franklin Ave.

Mr. Niekamp, formerly with Al Gerne, will go into business for himself on Salisbury St. in the near future.

C. R. Niehaus, buyer of the china and art goods department of Mermod, Jaccard & King Jewelry Co., is in New York with Goodman King, president of the company.

Joseph J. Mazer has returned to his home at South McAlester, Ind. T., after an extended visit to this city. He stated that the outlook for business in the new State was excellent.

E. A. Schoenle has returned from his first trip for the Maschmeyer-Richards Silver Co., going to the Pacific coast, and reports a good business. He departs this week for a trip to the southeast.

George Petter, formerly with John A. Miller, Cairo, Ill., was here last week, buying an opening stock for his new store at Hannibal, Mo., where he will do business as the Petter Jewelry Co.

Frank Warner, a jewelry salesman employed by the Mermod, Jaccard & King Jewelry Co., has been chosen by the Republicans of the first representative district as their candidate for representative.

Ellsworth Bauman, of the L. Bauman Jewelry Co., left Thursday for a business trip through Kansas and Missouri, going over the territory assigned to M. M. Schinderman, who was unable to continue it on account of ill health.

Judge McElhinney, of the St. Louis County Circuit Court, entered final judgment in the suit of the Union Trust Co., St. Louis, executor of the estate of the late A. S. Mermod, one of the founders of the firm of Mermod, Jaccard & King Jewelry Co., against the city of Kirkwood, holding the special sewer tax of that city illegal.

Charles A. Wilms, a watchmaker for the trade, in the Holland building, and who also conducted a watchmaking school here, died here Wednesday morning, aged 56 years. Mr. Wilms left a widow, a daughter, Mrs. Rosa Kleinschmidt, and a son, Charles Wilms. The funeral took place Sunday from the family residence, 3419 Henrietta St.

Among the out-of-town jewelers in this city last week were the following: John R. Spradling, Flat River, Mo.; J. Beilenson, Helena, Ark.; T. H. Morton, Boonville, Mo.; Fred Simon, Collinsville, Ill.; R. Gillies, Fredericktown, Mo.; Charles Mosby, Batesville, Ark.; Mr. Harvell, of the Harvell Jewelry Co., Litchfield, Ill.; C. M. Harrington, Kirksville, Mo.; R. G. Rutherford, Mt. Vernon, Ill.; Robt. Tetley, Farmington, Mo.

J. A. Reuling, Wymore, Nebr., has applied to the City Council for an electric light franchise. A meeting of the Council will be held shortly, and it is expected that Mr. Reuling's petition will be granted.

A fire recently broke out in the basement below the retail jewelry store of Arthur West, Canandaigua, N. Y., but was extinguished before any serious damage was done. The fire originated among a lot of boxes which had been stored away. The cause of the fire is unknown.

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182 and 184 BROADWAY
NEW YORK

Philadelphia.

V. S. Singley has established a watch repairing shop in his home, 1118 N. 34th St.

Harry Lanz, of the Koshland & Italie Co., returned last week from a trip through the State.

D. C. Hart, watchmaker for Francis B. Wallen, 405 Broadway, Camden, N. J., has recovered from a recent illness.

Albert McKinney, watchmaker, resigned his position last week with J. A. Lehman & Co., Broad St., below Walnut St.

Samuel Mellin, 1903 South St., is reported to have recovered from an illness which confined him to his home for several weeks.

The Bailey, Banks & Biddle Co. last week secured judgment in the local courts against J. C. and Fannie Heyman for $54.82.

J. A. Currie, a watchmaker, recently with C. R. Smith & Son, opened, last week, a retail store of his own at 5312 Germantown Ave., Germantown.

William R. Cobb, of W. R. Cobb & Co., manufacturer of jewelers' findings, Pawtucket, R. I., was in this city canvassing the trade last week.

H. T. Whalen, a prominent retailer with stores in Narragansett Pier and at Miami, Fla., was in this city last week, buying goods for the Florida store.

Mr. Harper, of Harper & Taylor, Salisbury, Md., stopped off in this city last week on his way home from New York to purchase goods of local jobbers.

Charles M. Slacks, 2504 Frankford Ave., is making extensive alterations and improvements in his store in anticipation of a successful Winter's business.

W. A. Ross, with Joseph B. Bechtel & Co., started Friday on a trip through central Pennsylvania. Andrew Little has gone on a trip to Baltimore and Washington.

J. Kostel, watchmaker, has taken a position with S. Kind & Sons, at their N. 8th St. store, succeeding Mr. Stark, who has gone to Baltimore to go with James McDonald.

Harry Garfinkle, formerly in the retail business at 1229 Market St., has opened a pawnbroker's establishment and a diamond office in the new Gimble block on 9th St., above Chestnut St.

Mrs. T. Zurbrugg, wife of the president of the Philadelphia Watch Case Co., has returned from a three months' stay in Switzerland. Mrs. Zurbrugg's return marks her 37th voyage across the Atlantic.

At a meeting of the Board of Governors of the Jewelers' Club last night arrangements were made for a musical and vaudeville entertainment to be given at the club headquarters, 13th and Chestnut Sts., Tuesday evening, Oct. 30.

Max Harris, Mt. Olive, N. C., where he has a store at Centre and James Sts., was a visitor to the wholesale district of this city last week, purchasing goods for the Fall and Christmas trade and looking incidentally for a watchmaker.

Bernard E. Loeper, manufacturing jeweler, 114 S. 11th St., has completed extensive alterations to and the enlargement of his store to meet the demands of a constantly increasing business, especially in the emblem manufacturing line.

W. Donald Smedley, son of John Smedley, watchmaker for the trade, 725 Sansom St., resigned, last week, his position with the optical manufacturing house of McIntyre, Magee & Brown, to go with H. C. Boden & Co., 13th and Walnut Sts.

Nahum Rosenbaum announces that about Nov. 1 he will open a handsome modern store for the sale of high grade jewelry, at 19 S. 9th St. Mr. Rosenbaum, who will do a wholesale and retail business, is a brother of M. Rosenbaum, now in business at 222 N. 8th St.

Fred Simons and John F. Simons, of Simons, Bro. & Co., were guests last week at the marriage of their niece, Miss Margaret Simons Ashmead, to Roger Sherman Mitchell. The wedding at the Strathaven Inn, Swarthmore, was one of the fashionable events of the week.

An inventory was filed last week showing the value of the personal estate left by the late Jacob Muhr, formerly of the old firm of H. Muhr's Sons, to have been conservatively estimated at $135,820.19. Besides Mr. Muhr is believed to have valuable real estate, no accounting of which has yet been filed.

J. Albert Caldwell, senior member of the firm of J. E. Caldwell & Co., and Mrs. Caldwell have returned from Europe, where they spent the Summer traveling, and have taken apartments at the Hotel Stenton. J. E. Caldwell, who has been at the Philadelphia Country Club, has joined his parents at the Stenton.

Ernest Smith, who is associated in business with his father, C. F. Smith, Vineland, N. J., recently brought back to the parental home a blushing bride all the way from California, where he married under romantic circumstances. The transcontinental homeward-bound trip proved to Mr. and Mrs. Smith a delightful honeymoon.

Subscriptions to the new stock issue of the Keystone Watch Case Co. were closed Friday. The new issue amounts to about 6,000 shares. The entire allotment, except about 10 per cent. which was bought in the open market, was taken by stockholders who were entitled to subscribe. The stock sold in the market brought a premium.

Out-of-town retailers visiting the local trade during the week included: J. Lacey Tyler, Laceville, Pa.; Mr. Seligman, of Seligman & Co.; David Krause, North Wales, Pa.; Elwood K. Bean, Lansdale, Pa.; Calvin Solladay, Lambertville, N. J.; Frank Kline, Spring City, Pa.; George K. Ware, Atlantic City, N. J.; Edmund D. Oliver, Burlington, N. J.; F. S. Musselman, Bath, Pa.; F. B. Eberhard, Allentown, Pa.; Horace Thoman, Woodbury, N. J.; A. M. Kendall, Millville, N. J.

J. E. Caldwell & Co. have opened an exhibit of art craftsmen's wares. The new rooms for the exhibit have been designed by Louis C. Tiffany, of the Tiffany Studios. Especially has the problem of decorative lighting been worked out with an exceptional appreciation of color values on a scheme of green and gold. The art wares displayed are also from the Tiffany designers and consist of lamps, vases, table equipments and desk sets wrought in Favrile glass, bronze and pottery. The firm last week was awarded the contract for the silver cups for the Rose Tree Fox Hunt Club.

As recently announced, J. Warner Hutchins, 728 Sansom St., was appointed by the Board of Judges of the local courts last week to the Board of Inspectors of the Philadelphia County Prison, an appointment which is regarded as one of great honor. Upon his appointment Mr. Hutchins received a flattering congratulatory letter from Hampton L. Carson, Attorney General of the State. Thursday Mr. Hutchins escorted through the penitentiary a party of gentlemen, who are traveling through the country with a view of informing themselves on prison conditions in this country and reporting to the Italian government. In the party was Dott. Federico Gioletti, son of the Prime Minister of Italy. To formally entertain his guests Mayor Weaver assigned to Mr. Hutchins the police boat *Ashbridge,* in which a sightseeing trip was made of the Delaware River front.

J. J. Cohen, diamond dealer, 1011 Chestnut St., denied publicly last week the statements published in the daily newspapers that he had purchased all of the jewelry stolen from J. E. Caldwell & Co. by Frank Wright, one of the firm's most trusted diamond salesmen, the history of whose thefts was published in the last issue of THE CIRCULAR-WEEKLY. Cohen denies that the firm has accused him of buying all of the stolen diamonds and is corroborated in his statement by a member of the firm. He says he has known and trusted Wright for many years and bought from him about $600 worth of goods. Suspicion never entered his mind, he says, that Wright was not acting in entirely good faith. There has been so far no further developments in the Wright case nor has any information leaked out as to any further arrests in connection with it. Wright was released on $2,000 bail last week, and it is regarded as likely that the whole case may be hushed up.

Syracuse.

Dan I. Murray, the jewelry auctioneer, is now selling the stock of Trenor P. Judd, 217 S. Salina St. This is the fourth sale Mr. Murray has conducted in Syracuse in less than a year.

A petition was submitted by the Jewelers' Association at a recent Common Council meeting asking the Council to impose a high license on auctioneers who are non-residents. It was referred to the Committee on Licenses and to the Corporation Counsel.

The Benedict Art Studios is the style under which the Benedict Mfg. Co. is to conduct the business of the Onondaga Metal Shops, whose plant it purchased a short time ago. The plant has been moved to East Syracuse, where the other Benedict factories are located.

A report from Amsterdam, Holland, states that a syndicate has been formed there, with a capital of £200,000, of which £100,000 had been subscribed, with the object to acquire the properties of the New Welteweden and Windsor Diamond Mines, near Berkeley West, S. A. All diamonds are to be shipped directly to Amsterdam. It is said that the quality of stones out of this mine is for the most part good.

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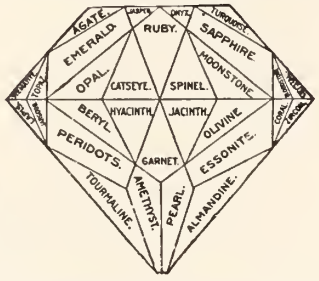
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means a lot of money saved during the year.

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A trial will convince you of the above. I can refer you to the most reliable houses in the jewelry trade, who will testify to my reliability and to the skilful manner in which I execute my settings on fine.

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Pittsburg.

TRADE CONDITIONS.

Pittsburg is at present enjoying the greatest prosperity in her history and the same story is told throughout western Pennsylvania. The condition of the steel and iron trade is phenomenal and THE CIRCULAR-WEEKLY correspondent was informed, last week, by railroad men and steel men, that prosperity is treading on its own heels, there not being enough available cars to move products. The situation is really a serious one. The steel car shops are now only taking orders subject to delivery the latter part of next year. The steel mills are flooded and some will not guarantee shipments in sight of 20 months. Several local manufacturing jewelry establishments are swamped with orders which they cannot fill for some time within the next year. One house says no more business was wanted for the present. With some of the houses traveling men have actually been withdrawn from the road, not because the men are to be relieved of service, or to save expense, but sufficient goods cannot be obtained to fill the demand. The condition of trade is reflecting itself at the wholesale houses, and everybody is extremely busy. Machine shops have their output sold for the next year. The electric establishments cannot agree to fill orders received now within a year. Labor is scarce, especially common laborers. Advertisements for mechanics in newspapers bring few answers. Great enthusiasm is manifested by the business interests of the entire city.

H. C. Dunn, formerly a watchmaker with E. P. Roberts & Sons, has opened a store at 5442 Second Ave., in the Hazelwood district of Pittsburg.

The George B. Barrett Co. last week equipped its store with handsome electric light lamps, which not only add beauty to the store, but fine light on dark days.

The W. J. Johnston Co. last week engaged two of the best known traveling salesmen in the country to go on the road for that house, beginning January. The men will have the territory from South Carolina to Texas.

The trade was visited last week by the following out-of-town merchants: Wm. Hunt, Uniontown; P. J. Manson, Jeannette; Edward Guth, Clarion; Hinckley Bros., Mercer; Frank N. Worrell, Canonsburg; H. F. Johnston, Apollo; R. V. Marshall, Freeport; F. H. Hayes, Washington; John Linnenbrink, Rochester; W. J. McKinney, East Liverpool, O.; A. Katzenmeyer, Burgettstown; A. J. McMillen, Punxsutawney; J. J. Schmidt, Turtle Creek.

The entire police and detective force have been warned to be on the lookout for Samuel Shamberger, who was to have been sentenced at Butler, Pa., Sept. 24, for setting fire to his jewelry store to defraud insurance companies. The maximum penalty for both counts is 27 years in the penitentiary and $5,000 fine. Ever since Shamberger disappeared detectives have been watching for him, and it is expected he will be caught, because the insurance companies which prosecuted his case will spare no expense to bring him back, notwithstanding the forfeiture of his $5,000 bond. It is also believed that in view of the fact that this is the second time Shamberger has fled that the court will deal very severely with him. It is said that Shamberger carried $10,000 insurance on his store, and before the fire had moved out a large amount of goods.

The Pittsburg police have at last arrested, after a search for a long time, a man who has been going about the city cutting plate glass windows with a glass cutter. Thursday night Harry G. Flinner, who says that he lives in New Brighton, Pa., was arrested in 6th St., while in the act of drawing a cutter over a display window. This man, the police believe, caused most of the trouble in the East End section, where a number of windows have been damaged, and jewelers suffered along with other merchants. In some instances the damage inflicted has been such that it will be necessary to replace the window pane. When the prisoner was taken in custody he refused to make any statement, but appeared to think he was having great fun and outwitting the officers. A large sum of money was found on Flinner's person and a note for $200. The police believe that Flinner has become imbued with an insane and mischievous mania. He has been dubbed "Jack the Window Cutter." The damage to the windows, the police say, will amount to thousands of dollars. The implement used by Flinner was an ordinary glass cutter, set in a large penknife.

The vigilance of the police department in prosecuting criminals in this city is eliciting the warmest admiration on the part of jewelers. Superintendent of Police Thomas A. McQuaide has given notice to the crooks that they must quit Pittsburg, and when they are arrested no mercy is shown them. Earlier in the year robberies in this city were frequent and jewelers sustained many losses. It was a common thing for the window smasher to break at least one jeweler's window a week and make away with the goods. On account of his activity, Mayor Guthrie last week wrote Mr. McQuaide a personal letter, which was made public by the former, complimenting the superintendent on his activity. In this he voiced the sentiments of the jewelers, who are constantly kept informed by the police department of the movements of swindlers. As a result of the vigilance, few robberies are being reported. In order to strengthen the police system, the city will be asked by Superintendent McQuaide to increase the police force by 200 additional patrolmen and add 12 detectives to the present force of 14 men. As a result of the watchfulness of the force, thieves, confidence men and swindlers in general are giving Pittsburg a wide berth.

Attleboro.

Fred N. Gassett has opened a new retail jewelry store in Bridgewater.

The Poole Silver Co., Taunton, started several departments last week working evenings to keep pace with orders.

Major Everett S. Horton, of the Horton, Angell Co., last week retired from office in the Masons, after serving nearly 20 years.

Charles M. Robbins, of the Chas. M. Robbins Co., is arranging to make his home permanently in Providence in the near future.

Charles H. Eden, of the C. H. Eden Co., last week, while "cranking" his auto, lost his hold on the handle, and it spun around, breaking his wrist.

Emmons D. Guild, of the W. H. Wilmarth Co., is making his annual arrangements for a reunion with other former prisoners in Confederate stockades.

Ernest D. Gilmore, of E. D. Gilmore & Co., and William E. Coles, another manufacturer, have returned from a hunting trip in Maine, bringing four deer.

Harrisburg, Pa.

M. Baturin is now at 422 Market St.

C. Ross Boas and a party of friends have returned from Lexington, Ky., where they attended the annual racing events.

Mrs. P. G. Diener, wife of the Market St. jeweler, who had been seriously ill with typhoid fever for several weeks, is recovering.

The new pawnbroker shop of the City Loan Office, at 411 Market St., is operated by Henry C. Claster. David Throne is manager.

It is expected that all the uptown jewelers will identify themselves with the proposed West End Board of Trade when the meeting for organization is held.

Among the visitors to Harrisburg for the Capitol dedication was Capt. H. A. Perkins, formerly a local jeweler and captain of the local Governor's Troop, now a diamond broker in New York. He was warmly greeted by his numerous friends.

The unveiling of a solid brass memorial tablet for the late Rev. David McConaughy Gilbert, D.D., for 18 years pastor of Zion Lutheran Church, this city, took place in the church Sunday. The tablet is three feet long and two feet high.

The key to the Capitol is a beautiful and substantial affair of bronze with gold trimmings, and is for actual use in locking and unlocking the great bronze door at the main entrance. A duplicate key of gold was used in the dedicatory ceremony Oct. 4.

Cards have been received in this city for the wedding, to-day, of Miss Mae Landis, daughter of G. W. Landis, Newville, to J. Geary Morrow, at the home of the bride's father. After a bridal trip to New York the young people will reside in Landisburg.

The Harrisburg Clay Co., of which E. L. Rinkenback is president, has purchased 60 more acres of land near Mt. Holly, from which to obtain clay, and is erecting a new washery 36 by 80 feet; also putting in a pipe line to convey the clay from the washery to the kaolin mill some distance away.

Local jewelers have been fairly swamped the past week by the influx of traveling salesman with their huge sample cases, as many as 10 a day calling on a single jeweler. Trade is very good. It is expected that the new $13,000,000 State Capitol will benefit the local trade, inasmuch as it is attracting many visitors to Harrisburg.

The Adjutant General's Department has contracted for 20 bronze tablets, costing $100 each, to be placed over the entrances to the new State armories now being built or to be built in the near future. These tablets are to be three feet square and to contain the coat-of-arms of Pennsylvania with the name of the organization occupying the armory.

The only serious accident marring the Capitol dedication celebration happened at the residence of Edward Tausig, 704 N. 6th St. In leaning over a stone balustrade to get a better view of the parade some one toppled over a large stone, which struck William Klingerman, Tamaqua, Pa., who was standing on the pavement below, on the head, fracturing his skull so badly that he died at the Harrisburg Hospital.

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96 MAIDEN LANE,

NEW YORK.

WELL MADE GOLD FINDINGS.

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IMPORTERS OF PRECIOUS AND IMITATION STONES

Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.

JOBBING STONES A SPECIALTY

47 and 49 Maiden Lane, NEW YORK

Providence.

Byrnes & England have dissolved partnership. J. F. Byrnes continues.

Charles Ball, formerly in business at 220 Eddy St., has taken a position with Ford & Carpenter.

Among persons connected with the trade who were in town last week were Henry Glorieux, Irvington, N. J., and Isaac Hahn, of the S. A. Rider Co., St. Louis.

Fischer & Kuehner, die cutters and makers of die cutting machinery, recently made an assignment to William E. Tefft. The plant was sold out at auction under foreclosure of the mortgage.

The annual meeting of the New England Manufacturing Jewelers & Silversmiths' Association will be held within a short time now, and everything indicates that encouraging reports of the condition of the organization and of the trade in general will be forthcoming.

At the Gorham plant there has recently been cast a statue of "The Dispatch Rider of the American Revolution," to be placed in position by patriotic societies of Essex County, N. J., at the corner of Main and Scotland Sts., Orange, N. J. The figure is 10 feet in height, and the sculptor was Frank Edwin Elwell.

After a two months' trip through the west, W. J. Dunn, who covers that section for Arnold & Steere, has returned.

An oil painting of John Gorham, son of the man who originated the Gorham Mfg. Co., has been hung in the office of the concern at the works in Elmwood. The portrait is by a well-known local artist.

Councilman George F. Parks will undoubtedly be the Republican candidate for Alderman from the First Ward, the position having been made vacant by the death of Judge Cooke. George H. Grant is being talked of in connection with City Council honors again, also. Mr. Grant was one of the delegates from this city at the recent Republican State convention.

An alarm of fire, early Monday morning of last week, called the fire apparatus to a blaze in the factory of J. C. L. Shabeck, 7 Beverly St., the fire originating about a sawdust box. The damage was but slight, although the automatic sprinklers were set off by the heat and occasioned some little damage by water, Parks Bros. & Rogers, who are on the floor below, being sufferers to a slight extent from this cause.

Complaint is made to the police of the Central Station by Nowman M. Saati, who conducts a jewelry store at 543 Westminster St., that he was made the victim of three sharpers one afternoon recently. He states that three men came into his place of business and asked to see some watches. When they had departed he missed one of his watches. He asserts that the same three men came into his store a month ago and walked off with an alarm clock.

Thieves recently threw a stone through a show window in the store of Deats & Co., Siegfried, Pa., and escaped with a considerable amount of jewelry. A clue was found the next morning by the discovery of a hat, bearing the initials "E. C. N." It is believed that the intruders were frightened away and that in their haste one dropped his hat.

North Attleboro.

TRADE CONDITIONS.

The oldest manufacturing jeweler can scarcely remember the time when there were more jewelry orders in hand than there are to-day. The retailers are now seeking the manufacturers instead of the latter drumming up business. This is similar to the conditions that existed when the jewelry industry was in its infancy. Then the old manufacturers say it would be no uncommon occurrence to be routed out of bed in the morning to take an order from some retailer who was anxious to be on the lists early. In those days it was not necessary to engage an elaborate corps of salesmen as the manufacturer is obliged to maintain in these days of keen competition.

Henry Johnson, of Johnson Bros., is planning to open a retail jewelry store in Pittsfield.

John E. Tweedy and George C. Wheeler have been chosen members of the 12th Congressional District Committee.

Isaac Himmelreich, salesman for the B. S. Freeman Co., has gone to Montreal on a pleasure trip. He is accompanied by his wife.

The foundation of the Manufacturers' building is complete, and work has started on the brick part. The building will be rushed from now on.

The H. F. Barrows Co. gave the contract last Thursday for the new factory it is to build on Chestnut and Washington Sts. The contractors will be Wylie & Foss, of Fitchburg. Work will start on the factory at once, and it must be done and ready for occupancy by Feb. 1.

While no official announcement has been made, it is quite certain that the Corey Mfg Co., now located in Providence, will remove to North Attleboro. Representatives of the concern have been in town the past week looking over factory sites. The Corey concern was at one time located here, but moved its plant several years ago to Providence.

Nashville, Tenn.

Hugo S. Dorris has announced that on Nov. 1 he will open up a handsomely equipped engraving establishment at 307 5th Ave., N. Mr. Dorris is well known in the trade, having for seven years had charge of the engraving department of the B. H. Stief Jewelry Co., and later charge of the steel plate department for Foster, Webb & Parks.

One of the trophies of the season which came in for the greatest publicity in the local papers was the annual championship cup, a prize for the State Fair offered by the B. H. Stief Jewelry Co. The cup, which is a beautiful work in silver in the form a Greek vase, will be awarded to the owner of the best stallion. A four-column illustration of the cup appeared in the Nashville *American* recently.

Aaron and David Bergeda, who, under the style of A. Bergeda & Bro., recently opened a beautiful store at 610 Church St., have received most favorable newspaper comment upon the general arrangement of their establishment. At the opening of the store Messrs. Bergeda were the recipients of five large floral designs from friends and customers, as well as numerous bouquets. Souvenirs in the shape of dainty boxes of candy were given to all patrons.

IT MAY COST A LITTLE MORE A CARAT

TO HAVE BROOCH AND PENDANT CENTERS CUT TO ORDER BY US THAN TO BUY IMPORTED, POORLY CUT, PAPER WORN STONES; BUT WE OFFER YOU THESE IMPORTANT

COMPENSATING ADVANTAGES:

1. SOUND, CLEAN MATERIAL.
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Ladies' and Gentlemen's Flat and Ultra Flat Watches in Plain and Decorated Styles.



Ultra Flat, Plain

SOLE AGENTS FOR

Haas, Neveux & Cie.

FINE GENEVA WATCHES

Lancaster, Pa.

John B. Roth, Jr., was in New York last week on business.

G. W. Reisner last week made a business trip to Pottstown.

Harry McCauley, of Ezra F. Bowman's Sons, is on the sick list.

Henry Yergey, with H. H. Yergey, of Columbia, is visiting Peru, Ind.

Ellis R. Campbell spent most of last week in Albany and New York.

Samuel Reisner, of the H. S. Meiskey Co., is home from an extended southern trip.

L. B. Markley has gone to Chester county to open a jewelry store near the county seat.

Paul P. Wentz, Sharon, a student in watchmaking at the Ezra F. Bowman Technical School, has taken a position with F. W. Koehler, Sharon.

Frederick Wheeler, of the Non-R tailing Co., who arrived home last week from an extended western trip, has again started off to cover his territory.

The E. Howard Clock Co. has just erected in front of the store of Louis Weber & Son a handsome clock sign, the center set with a large clock. A little daughter arrived last week at George R. W bei's home.

Lancaster jewelers, as well as other classes of tradesmen, were well pleased with the statement made last week through the Lancaster County Tobacco Growers' Association that Lancaster county's new tobacco crop, just now being sold, would bring over $4,000,000 into the county.

Among the jewelers who lately visited Lancaster were H. F. Andrews, Strasburg; Harry Foehl, Columbia; Jerome Palmer, near Norristown; J. H. Senseny, New Holland; William Holland, Uniontown; Frank J. Lossing, Pittsburg; Eugene P. Smoker, Scranton; Jacob Fisher, Elizabethtown.

Among the subjects in the police court last week was a tramp who gave the name of Julius Benton, who years ago owned a fine jewelry store in Cleveland, O., and was known here, where he frequently visited. He was brought to his present state through rum. The mayor let him go, and a few old acquaintances gave him funds to get to Philadelphia.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Oct. 13, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$617,538.80
Gold bars paid depositors	77,820.20
Total	$695,359.00

Of this the gold bars exchanged for gold coin are reported as follows:

Oct. 8	$123,706.70
" 9	109,171.59
" 10	123,112.82
" 11	118,127.82
" 12	107,600.11
" 13	35,819.76
Total	$617,538.80

Jacob Singer, a pawnbroker, who was recently arraigned in the Police Court at Toronto, Ont., Can., on a charge of receiving property which had been stolen from a local firm of jewelers, has been released, the judge declaring that there was insufficient evidence against the accused.

New Orleans, La.

L. Fishel's new quarters in Carondelet St., near Canal St., have been made very attractive. The latest improvement is an entirely new sidewalk in front of the store.

The A. B. Griswold & Co.'s building in Canal St. was beautifully decorated with flags and buntings for the Pythian Convention, which began here last Monday. The M. Scooler building was also decorated. Handsome gold and silver pins bearing the Pythian insignia on colored enameled shields were largely sold by all the jewelers.

Coleman E. Adler, the Canal St. jeweler, announces that the silver punch bowl, the main piece of the service to be presented to the battleship *Louisiana* by the people of the State, has been completed and is the largest of its kind ever made for any ship in the navy. The service when finished will be brought to this city and placed on exhibition in Mr. Adler's main show window.

The charter of the M. Scooler Co., which has for many years carried on a retail jewelry business in this city, was filed recently at the mortgage office. The company is capitalized at $160,000, and the stockholders are: Mrs. H. A. Scooler, Bertha Scooler, M. P. Dart, M. T. Leoguir and Gabe Scooler. The object of the company is stated to be to operate and conduct the business of dealers in jewelry, diamonds and other precious stones.

C. W. Nesbitt, a jeweler of Kansas City, Mo., who was recently in this city on business, went to Shreveport a few days ago, and while he was a guest at the Caddo Hotel a thief entered his room and robbed him of diamonds worth $500. Mr. Nesbitt was lucky, as shortly after he made his loss known to the authorities, detectives arrested Ed. Foster, a negro employed at the hotel, who confessed the theft and showed the officers where he had hidden the jewels in the high grass in the front yard of his residence.

Paul Granzin & Son, 628 Camp St., object to moving from their present site, which they have occupied for many years, to make way for the new post-office building and the street, to be known as Capdevielle St., which is to be cut through the center of the square. The Granzins have orders to vacate by Dec. 15, but the matter will doubtless be taken to the courts before the order is complied with. The elder Mr. Granzin maintains that were he to move within the time limit he would be a heavy loser, having only recently purchased a large stock of goods for the Christmas and holiday sales. He declares that it is impossible to get a building close to his present place, and that were he to obey the order he would lose considerable profit. The jeweler contends that there is no reason to hurry, as the work of demolishing the buildings in the square will not be begun until next year.

A. Augburn, a negro of Norfolk, Va., who has been living in Columbia St., for some time, has been remanded for court by the Mayor on a charge of grand larceny, in stealing a tray of rings valued at $60, from the pawn shop of Abe Levitin. Five of the rings were recovered from parties to whom Augburn, who is known as "Preacher," sold them.

Connecticut.

N. Burton Rogers, Danbury, officiated as one of the superintendents at the Danbury Fair last week.

A large new steel water tower for protection from fire is being installed on the movement side of the New Haven Clock Co.'s plant, New Haven.

The Waterbury Clock Co., Waterbury, will shortly build a new dry kiln for its case department on Mill St. The building will be one story high, of brick, and 70 by 100 feet.

Wm. E. Sessions, Bristol, is opening a private roadway from Sessions St. to Queens St. When completed it will be 600 feet long. The drainage will be of the most modern type.

A fire which started at 11 o'clock one night last week in a four-story structure in Main St., Ansonia, occupied by the Ansonia Novelty Co., did damage which is estimated at about $6,000.

Hiram Lyman, with the Seth Thomas Clock Co., Thomaston, sustained a painful injury to one of his hands one day last week while attempting to save a load of valuable material, which was falling from a truck.

The body of a man found in the water near Bridgeport, last week, has been identified as that of Joseph C. Onkey, a silver worker, formerly in the employ of the Holmes & Edwards Silver Co.

Work on the new quarters to be occupied by the Parker-Kolb Co., Bridgeport, is progressing rapidly, and the establishment will be ready for occupancy in a few days. The interior of the store is being entirely renovated and remodeled.

C. W. Platt, Wednesday, was appointed trustee of the bankrupt estate of C. B. Smith, Milford, under bonds of $1,000. Smith, it is alleged, conducted a large mail order business from an office in Milford, sending out to all parts of the United States packages of cheap jewelry and other merchandise.

T. I. Gwillim, Bristol has just admitted his son as a partner in the business, and the firm style is now T. I. Gwillim & Son. Larger quarters have been rented on Main St., where a first-class stock will be carried. An up-to-date optical department will be a feature of the new store, which will be ready for occupancy about Nov. 1.

Christian Silber, a designer at factory "E," International Silver Co., Meriden, has acquired quite a reputation owing to his versatility, the latest manifestation of Silber's genius being the designing of a dwelling house by him. Although not an architect, he has drawn full plans for a home which he is to erect on 4th St. in Meriden.

Mayor George M. Landers, of New Britain, reports receiving a reply from Assistant Secretary J. H. Edwards, of the Treasury Department, Washington, acknowledging the receipt of the request that the selection of a post office site be delayed until the city has opportunity to submit a bid. In reply he states that the date set by the department for final action on the matter is Oct. 22. It is thought that such date is sufficiently remote to enable the city to act, but if a further postponement is desired, such action will be taken if the request for postponement is renewed a few days in advance of that date.

GORHAM SILVER

¶ The Gorham Company deem it expedient that the Jewelry Trade should realize that if they desire to avoid disappointment in regard to the delivery of goods intended for the holiday season, it is essential that their orders be received without unnecessary delay.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

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SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.

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No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

Page.
Horn Comb and Bracelet by Lalique..Front cover
Jewelry Exhibited at the 1906 Salon of the French Artists.....49, 50
The Newly Discovered Altar Treasures of the Papal House Chapel..... 51
Jewelry, etc., Exported from New York..... 51
Important Suit as to Duty on Pearls Now Before the United States Courts..... 53
Meeting of the Pennsylvania Optical Society. 53
Monthly Meeting of the Rochester Optical Society 55
Chicago Jewelers and Employes Express Confidence as to the Outcome of the Strike..... 55
Abraham Goldberg Asked to Account for Missing Assets 55
Reward Offered for Arrest of Pittsburg Jewelry Salesman 57
David Canter Goes Into Voluntary Bankruptcy. 57
Amsterdam Diamond Cutters and Polishers Obtain Increase in Wages..... 57
F. X. Guth, Coraopolis, Pa., Missing..... 57
St. Louis Jobbers Organize..... 59
Dinner of the Boston Jewelers' Club..... 59
New Members of the Jewelers Security Alliance 59
Albro & Kettlety Make an Assignment..... 59
Death of Henry R. Birely..... 59
Death of George William Marshall..... 59
Involuntary Bankruptcy Petition Filed Against Charles Sloan 61
Involuntary Bankruptcy Petition Filed Against W. R. Austin..... 61
North Attleboro Jewelry Manufacturer Injured by His Automobile..... 61
Examination in Bankruptcy Proceedings Against Sol. Urbach Continues..... 61
Labor Troubles at Silver and Silver Plated Ware Factories..... 61
Imports at New York..... 79
Patent Department 99
Escapements as Constructed by Various Horologists—(Continued) 103
When Horologist Meets Horologist..... 107
Vicissitudes of a Town Clock..... 107
The Optometrist's Catechism—(Continued)... 114
A Study of Convergence and Its Defects—(Continued) 115
Regular Monthly Meeting of the Optometrical Society of the City of New York..... 116
Eye Diseases Which the Optometrist Should Recognize 117
Autumn Weddings and General Advertising Suggestions 118
Original Window Display for All Hallowe'en. 120
Attractive Retail Store of C. J. Duncan..... 121
Workshop Notes 123
The Pots and Drinking Vessels of Ancient Greece—(Continued) 125
Can Pearls Die?..... 127
Handsome Fresh Water Pearls Found this Season in the Western Rivers of the United States 129

Our Trade With Canada.

THE figures showing the trade and commerce of Canada in the lines which enter into the jewelry trade as published in detail in the last issue again testify to the continued dominant influence of the American manufacturers in the jewelry markets of the Dominion. A glance at the figures will show that this applies not only to jewelry and silver, but also to clocks and watches. In clocks, out of a total of about $343,000 imported, the United States supplied about $274,000 as against Great Britain's $10,600, while in watches the figures are proportionately as high—out of a total of $935,300 the United States supplied $695,700 as against $164,700 by Switzerland and $26,600 by Great Britain. In jewelry, out of a total of $888,800 the United States supplied $693,500 as against $92,700 by Great Britain and $66,300 by Germany; while in gold and silver out of a total of $555,400 the United States supplied $300,400 as against $190,000 by Great Britain.

The Fight Against the Parcels Post.

IN their fight against their great and growing enemy (the mail order houses) legitimate retail merchants in almost every line of business, and particularly in the jewelry trade, have become agitated on the subject in the proposed parcels post, believing that the introduction of this system by the United States at the present time, no matter how desirable it may have been a few years ago, will result in harm to their interests inasmuch as it will give to their mail order competitors additional facilities for distributing to rural customers in out-of-the-way districts the many lines which they handle. It is pointed out that in connection with the rural free delivery which facilitates the circulation of catalogues and circulars by the mail order houses, the parcels post would practically form a complete connection between this great "octopus" and its possible customers in every section of the land, and that this is all that the mail order house needs to make effective the work of the annihilation of the small retail merchant, especially the man situated in the country village or town far from the large cities; therefore, the proposal to have Congress pass a bill inaugurating the parcels post will be fought tooth and nail by most of the associations of small merchants.

On the other hand, wholesale interests in general and department stores in particular seem to be favorable to the parcels post idea, and are giving the movement great support. Many of the daily journals, including those with the greatest circulation in the principal cities of the east, are advocating the measure, claiming that it is in the parcels post there is to be found the only relief from the monopoly in transportation now enjoyed by the large express companies of the country which have parceled out the territory and the railroad lines among themselves to their own advantage. Heretofore the fight against the parcels post has been made almost wholly by the express companies, but now that the retail merchants consider the question of vital interest to them, the opponents of the measure will be reinforced in great numbers and in influence as well.

As far as the position of the Government is concerned, it was said last week, by a man in the position to speak authoritatively, that the Post-Office Department will not, as was believed some time ago, take the initiative in recommending the estimate for a parcels post, but will leave the matter entirely to Congress. Owing to the activity of those behind and against the movement, it is said the department has decided to be absolutely neutral and will leave the whole matter to the National Legislature to determine before stating its position.

This applies, of course, purely to the question of parcels post within the country and not to the extension of the parcels post between this and foreign countries, as work in that line has been progressing for some time. Only two weeks ago it was announced that a new postal convention had been agreed upon between the United States and Denmark, and other conventions in the same category are in contemplation at the present time.

Jewelry Exhibits at the Paris Salon

THE suggestion has often been made that much good would accrue in the jewelry trade in the development of work along pure art lines if we had in this country something that corresponded to the exhibitions at the Salon in Paris each year, and though it does not seem feasible to adopt exactly the plan by which the work of the French artists is annually brought to the attention of the public, nevertheless there is much in the suggestion that is worthy of consideration. There is no doubt that the yearly exhibitions at Paris have not only served to bring out the best artistic work of which the jewelers are capable, but it has also served as a great advertisement to them by bringing the work of French craftsmen to the notice of the lovers of the beautiful throughout the entire world in a way that could not have been accomplished by any other means. Therefore from a commercial as well as an artistic standpoint the benefits derived from the Salon exhibitions to French art industries has been enormous.

In another column of this issue is published a brief comment on some of the work of the masters in the French jewelry trade, exhibited at the Salon of the French artists this year. Even a glance at the illustrations of some of the pieces by such artists as Lalique, Feuillâtre and other masters will serve to give suggestions to many of our own designers that cannot fail to prove helpful. These illustrations will be found on the front cover and on pages 49, 50 and 51.

This issue of THE JEWELERS' CIRCULAR-WEEKLY contains 136 pages, a size which marks an epoch in weekly journalism of this and probably any other trade producing a paper of this character. When about two years ago our regular issue expanded to 100 pages, the event was one considered worthy of comment. Since then the increase in the size of this journal has been constant and steady, commensurate with improvements made in the paper as well as the increasing prosperity of the jewelry industry.



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Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ALBANY, N. Y., Frank Sherman (W. M. Whitney & Co.), Herald Sq.

ANDERSON, IND., R. B. Clark (Clark & Raber), Earlington.

ASHEVILLE, N. C., A. M. Field (A. M. Field Co.), Broadway Central.

ASHLAND, KY., I. N. Pollock, Albert.

BIRMINGHAM, ALA., R. Blumberg, Broadway Central.

BOSTON, MASS., H. Hilliard (Jordan, Marsh Co.), Broztell.
T. Stewart (Shepard, Norwell Co.), Prince George.

BRIDGEPORT, CONN., F. E. Blake (Smith, Murray & Co.), 55 White St.

BURLINGTON, IA., E. H. Carpenter (E. H. Carpenter & Son), Breslin.

BUFFALO, N. Y., J. Ansteth, Grand.
J. Clancy (H. A. Meldrum Co.), Broztell.
F. S. Collins (Adam, Meldrum & Anderson), Normandie.

CADIZ, O., L. H. Scott (J. W. Scott s Sons), Cadillac.

CHICAGO, R. A. Kettle, Hoffman.
L. Lipman (The Emporium), Netherland.

CINCINNATI, O., D. Jacobs (D. Jacobs & Co.), Empire.

DANVILLE, VA., W. F. Grisham, Broadway Central.

DES MOINES, IA., M. H. Burns (Harris-Emery Co.), Woodstock.

JOHNSTOWN, PA., H. A. Hershberger, Bartholdi.

KOKOMO, IND., C. C. Haseltine (Haseltine Bros.), Herald Sq.

LOUISVILLE, KY., J. L. Richards (Stewart Dry Goods Co.), 214 Church St.

NEW HAVEN, CONN., J. B. Todd (Gamble-Desmond Co.), Continental.

NORFOLK, VA., B. Lilienfeld, Albert.

PETERSBURG, PA., S. M. Rosenstock (A. Rosenstock & Co.), Herald Sq.

PHILADELPHIA, PA., R. Quinn (John Wanamaker), Normandie.

PORT JERVIS, N. Y., H. J. Pippett, Astor House.

READING, PA., L. D. Anderson (L. D. Anderson Jewelry Co.), Gilsey.

ST. LOUIS, MO., R. Mehaus, Astor House.

SCHENECTADY, N. Y., H. A. Miller (H. S. Barney & Co.), Herald Sq.

SPRINGFIELD, MASS., H. B. Davison, Astor House.

TORONTO, ONT., CAN., E. Scheuer, Astor House.
E. Scheuer, Jr., Astor House.

TYRONE, PA., F. W. Acklin (Walton & Acklin Co.), Navarre.

WASHINGTON, D. C., W. W. Everett (Woodward & Lothrop), Holland.
Mrs. J. C. Nourse (Woodward & Lothrop), Broztell.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	London.	*New York.*
Oct. 9	31 3-4d.	$.68¾
" 10	31 3-4d.	.68¾
" 11	31 7-8d.	.69
" 12	32d.	.69¼
" 13	32 1-8d.	.69½
" 15	32 1-4d.	.69¾

New York Notes.

Michael Strauss has moved from 373 to 395 Broadway, Manhattan.

Friends are extending sympathy to Samuel L. Howland, with Joseph Frankel's Sons, who was reeently bereaved by the death of a daughter.

A. Ludwig & Son, who have a factory at 75 Nassau St., and a store at 927 Broadway, opened this week a new store at Fifth Ave., near 42d St.

The Lindenbaum Jewelry Co., whieh was at 79 Nassau St., has gone out of business. Henry Agate was the manager.

Joseph Brown, of Jos. Brown & Co., Chieago, arrived in New York Monday and registered at the Astor House, intending to remain a week.

Clarenee F. Pierce, formerly at 170 Broadway, who was obliged to discontinue his business, several months ago, because of poor health, is now at Burlington, Vt.

Yvel & Co. will open to-day a new jewelry and novelty store at 239 Broadway. The company, of which Abraham E. Levy is manager, has stores also at 11 Park Row and 1213 Broadway.

Fragano Bros., 107 Mulberry St., have dissolved partnership, and Luizo Fragano has sueeeeded to the business at the old stand. A new store at 108 Mulberry St. has been opened by Alfred Fragano.

John Chadwick, who for 50 years had been a dealer in Spanish and Moorish eurios, having a store at 307 Fifth Ave., died Sunday in his department at the Stratford Hotel, 11 E. 32d St., in his 92d year.

James L. Hand, Jr., New York jewelry auctioneer, has gone to Gainesville, Fla., where he will eonduet an auetion sale for L. C. Smith, beginning to-morrow. It is the intention of Mr. Smith to ereet a new building for his business.

A lease recording the renting of the ground floor in the Gill building, 9-13 Maiden Lane, by Walter B. Horn, to the International Silver Co., was recently filed. The lease is for a period of 10 years at an aggregate rental of $250,000.

There has been some delay in eompleting the uptown branch of Alfred H. Smith & Co., at 475 Fifth Ave., facing the new library, but the eompany expeets that the new quarters will be comfortably settled in the eourse of the present week.

Abel Bros. & Co., 64 John St., recently opened a branch office at 18 E. Fayette St., Baltimore, Md., to be in charge of Royal C. Linthicum. It is intended to earry in the new office a complete stoek of the eompany's gold and diamond jewelry.

An extended trip to Europe will be made by Henry Fera, of Fera & Kadison, who with his wife and daughter will sail Nov. 8 on the *Kaiserin Auguste Victoria*, intending to give a part of his time to the diamond markets and the remainder to recreation.

Louis H. Bridgem, who in early life learned the jewelry trade in this eity, died last Wednesday at his home, 57 Court St., Brooklyn. He served in the army during the Civil War and after his return worked at the bench until 1886, when he received an appointment as inspector of the Board of Health.

A correspondent writing in the *Sun* Monday illustrated a theory of the production of organie and inorganie life by a reference to diamonds. He spoke of the birth of the stone as dating back to the end of the azoic era, in water "hot but not overheated." He added: "There can be no doubt that when the diamond joined other inorganie compounds, in suitable proportions, a new phenomenon of life, the protoplasmie life, the base of all animal and vegetable life, was born."

At the regular meeting, held last Thursday, by the Board of Direetors of the Jewelers Board of Trade, the following firms were unanimously eleeted to membership in the Board: W. H. Baldwin, Boston, Mass.; Kionka & Wagner, New York; Wachenheimer Bros., Providence, R. I.; E. M. Weinberg & Co., New York; Livermore & Knight Co., Proviaenee, R. I. (associate); Jules Raeine & Co., Chicago (braneh).

Henry Ginnel & Co., who for 40 of their 65 years in business have been located at the present address, 31 Maiden Lane, will move about Nov. 5 to much larger and better lighted quarters in the Fahys building, 52 Maiden Lane, where there will be increased faeilities both for the diamond and for the watch departments. The entire sixth floor front, of the main building and the addition, have been leased. There is a frontage of 46 feet 6 inches, and altogether the firm will have 2,000 square feet for offiee and salesrooms.

After a donation was made, last week, to the Hughes Campaign Fund, from the treasurer of the Jewelers' Roosevelt & Fairbanks Club, as noted in last week's issue, A. K. Sloan, the president, and Col. J. L. Shepherd, the ehairman of the exeeutive committee, decided to continue to work for the success of the nominee. They aceordingly sent Byron W. Greene to cireulate a subscription list among jewelers with the result that a eonsiderable addition was made to the first donation.

"Dentistry in exchange for jewelry," was the proposal recently made by a Broadway dentist in a letter which he sent to one or more retail jewelers. He said that for many years he had an arrangement under whieh a retailer made repairs and sold articles of jewelry in return for the attention which he gave to the teeth of the jeweler and of the members of the latter's family, semi-annual settlements being made one way or another. The jeweler, beeause of illness, went out of business, recently, and the dentist now makes this unusual proposition to others.

Sloan & Co., who have long felt the need of additional room for offices and salesrooms in their quarters at 21 Maiden Lane, have leased the adjoining offices, which are to be vacated about Nov. 1 by Bagg, Perine & Co., the latter firm being about to move uptown, as noted elsewhere. By adding these rooms to their old offices Sloan & Co. will have possession of one end of the building on their floor, and will then have ample facilities to meet the requirements of the growing business. The partition between the two sets of offices will be torn down and other neeessary changes made.

On the night of Oct. 9 the "Old Curiosity Shop" conducted by Joseph Rosenthal & Son at 236 Bowery, was the scene of an attempt at burglary. A poorly dressed Italian, walking down the Bowery, took a neatly wrapped package from under his left arm and hurled it through the window. Before he had a chanee to seize any jewelry two detective sergeants, Dondero and Cavoni, gave chase and caught him in a doorway on Prince St. The man was taken to Police Headquarters and detained on the charge of attempted burglary. He gave the name of Ciro Riroghiso, and said that he lived at 12 Prince St.

Bagg, Perine & Co. are to move, Nov. 1, from their quarters at 21 Maiden Lane, which the present firm and predecessors have oeeupied for a number of years, to the Knox building on the southwest corner of Fifth Ave. and 40th St. Here they have leased offices on the third floor, with windows on the avenue and also on the side street. The building faces the new library and the location is considered especially desirable, the natural light being espeeially advantageous for the display of precious stones. The rooms are now being fitted up and deeorated by Allard & Co., Paris. The woodwork will be in Cireassian walnut, and the design is suggested by the interior of the precious stone room in the Treasury building, Vienna.

The Watchmakers' Society of New York (New Yorker Uhrmacher-Verein), has arranged to have a series of four lectures of interest to watchmakers to take place during the coming Fall and Winter. The first leeture, which will be given Oct. 23, will be on the subjeet of the barrel and the mainsprings, and will be delivered by Josef Menzel, a well-known watchmaker of New York. The lecture will be given in the soeiety's headquarters, 192 Third Ave., New York, and all watchmakers, whether they be members or not, are invited to attend, the leeture being entirely free to the trade. Definite arrangements have not been completed for the other leetures, but they will be announeed by the society in circulars and in THE CIRCULAR-WEEKLY at a later date. The leetures are in charge of the teelnieal committee of the society, which consists of Alexander Freund, chairman; Carl Zint and Albert Kuenstler.

Checks have recently been forwarded by the Jewelers Board of Trade to those ereditors of the W. E. Woodman Co., Boston, Mass., who elected to aecept an offer of 25 per cent. net cash for the assignment of claims. It will be reealled that this eompany went into bankruptcy in the latter part of last year. A trustee was elected and the proceedings in the bankruptcy eourt have continued since. An offer was received by the Board for the assignment of the claims of creditors which it represented, and this was submitted to them. A large majority of the creditors who had entrusted their interests to the Board accepted the proposal, the aggregate of their claims being about $25,000. To these creditors the checks were sent, and they received the full amount of 25 per cent. with no deductions for charges of any kind. The creditors who did not accept the offer have not received, as far as can be learned, any dividend up to this time, and according to reports, the prospects are not bright for

(*New York Notes continued on page 79.*)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

STATEMENT AT CLOSE OF BUSINESS, SEPTEMBER 4th, 1906

RESOURCES		LIABILITIES	
Loans and Discounts	$18,059,467.54	Capital Stock	$3,000,000.00
U. S. Bonds	1,758,212.50	Surplus and Undiv. Profits	4,648,663.78
Bonds to Secure U. S. Deposits	310,000.00	Reserve for Taxes	46,370.19
Furniture and Fixtures	87,495.36	Bank Notes	1,542,500.00
Real Estate and Securities	2,173,398.60	Deposits	22,016,823.77
Due from Banks and Bankers	1,771,648.37	U. S. Bond Account	105,000.00
Cash	7,199,135.37		
	$31,359,357.74		$31,359,357.74

195 BROADWAY, NEW YORK CITY

BIGGER BETTER BUSIER

Watchword for the Fall Season of 1906

This is the Sign of the Times

LIKE OURSELVES, you are no doubt going to be Busier than ever this Fall. We would advise your selecting stock earlier than usual. The showings we have provided for you are Bigger and Better. Satisfactory prices prevail. Don't fail to look here before buying Fall goods.

BIGGER BETTER BUSIER

BIGGER BETTER BUSIER

D. C. PERCIVAL & CO., Inc.
373 Washington St.
Boston, Mass.

Importers, Manufacturers and Jobbers

BIGGER BETTER BUSIER

New York Notes.

(*Continued from page 75.*)

their getting any considerable amount of money.

Henry Berlovitz, formerly of Newburg, N. Y., is opening a store at 222 Main St., Paterson, N. J.

T. J. Skidmore, who was in business at 750 Fulton St., Brooklyn, recently discontinued, and is now farming at Farmingdale, L. I.

The Higbie-Barbour Mfg. Co., Brooklyn, last week filed its certificate of incorporation. The capital stock is $150,000. The incorporators are: Nathan M. Higbie, William H. Barbour, George F. Buehholz, Seymour N. Higbie and Richard B. Tippett.

A brick was hurled through a window of Theo. Brouwer & Son's store, 471 Grand St., Brooklyn, a few evenings ago, and as the missile fell it scattered rings and other articles that were in the trays in the show case. John Brouwer, who was in the rear of the store, hurried out, and the thief fled without getting any booty, as a wire screen kept him from seizing anything. The jeweler has offered $100 reward for the man's arrest.

In honor of the completion of his 40th year of serviee as engineer in the factory of Alling & Co., manufacturing jewelers, the firm last week presented to Oliver Van Horn a handsome gold hunting-case watch and a gold chain. On the case was an inscription with the initials "O. V. H." Mr. Van Horn is a Civil War veteran who was wounded at Williamsburg, Va., and again at Dallas, Ga., during Sherman's march to the sea.

In the case of Charles M. Pope, charged with the conversion of diamond jewelry which he obtained from Frederick Keim, 258 Fifth Ave., an adjournment was taken last week in the Jefferson Market Court because the defendant had been sent to Bellevue Hospital for examination as to his sanity. Mr. Keim, it appears, delivered the diamonds to the order of Herbert P. Martin, who is the real complainant. It is charged that Pope agreed to sell the stones for Martin on a contract providing that the sellers should receive five per cent. commission. Instead of selling them, it is charged, Pope pawned the articles and used the proceeds.

Another hearing took place last Friday in the case of Manuel Suarez, of the United States of Colombia, who is accused of attempting to smuggle a quantity of emeralds into New York. His counsel, L. S. Phillips, at the close of the hearing, asked that Suarez be discharged on the ground that there was no smuggling since he had not left the steamship pier or the jurisdiction of the customs authorities when he was placed under arrest. The attorney in support of his contention referred to the Keck case, tried a number of years ago. Commissioner Shields decided to hear further testimony, and an adjournment was taken until Friday of this week, the defendant being held in $500 bail. No testimony was offered to indicate that Suarez was not the real owner of the gems, or that the Colombian government had any charges to make against him. It has been intimated that in taking the emeralds out of his country he did so contrary to the laws of that country, and another story is that the emeralds are a part of those which some years ago were stolen from a package shipped from Bogota. As far as can be learned no testimony as to ownership will enter into the smuggling case.

Creditors of Guinand-Jones Co., Des Moines, Ia., met Monday in the Jewelers Board of Trade rooms, New York, to consider the financial condition of the corporation. Recently a letter was sent out offering to settle claims at 40 per cent. This letter was signed by B. F. and B. G. Guinand, sons of G. E. Guinand, who was practically the owner of the business. It was said that their father had been in poor health, and because of nervous prostration had been obliged to go away from Des Moines. According to the statement made by the sons, the total liabilities are about $24,000. The nominal assets are $25,809, including $18,753 in merchandise, $1,500 in fixtures, $5,205 in accounts. The creditors represented at the meeting have claims aggregating $12,615. It was decided to ask that the offer of 40 per cent. be increased to 50 per cent., and the Board will take up the matter on this point.

Importations at the Port of New York.

Weeks Ended Oct. 13, 1905, *and Oct.* 12, 1906.

China, Class and Earthen Ware:	1905.	1906.
China	$101,557	$82,772
Earthen ware	18,908	23,398
Glass ware	34,336	26,998
Optical glass	50	4,626
Instruments:		
Musical	13,954	13,572
Optical	11,112	16,142
Philosophical	4,196	3,452
Jewelry, etc.:		
Jewelry	16,155	24,468
Precious stones	935,174	761,793
Watches	32,410	33,980
Metals, etc.:		
Bronzes	1,823	4,573
Cutlery	29,047	41,989
Dutch metal	.....	2,240
Platina	32,439	98,629
Plated ware	.....	.....
Silverware	.....	1,154
Miscellaneous:		
Alabaster ornaments	495	170
Amber	4,466	3,260
Beads	7,753	3,708
Clocks	14,872	8,861
Fans	8,851	8,638
Fancy goods	13,181	8,067
Ivory	23,509	19,193
Ivory, manufactures of	1,115	792
Marble, manufactures of	6,381	27,654
Statuary	7,504	3,998

Recent Tariff Decisions on Beads, Gems, Cameos and Kindred Lines.

Decisions by the Board of United States General Appraisers were announced last week as follows:

Strung Beads — Imitation Precious Stones.—Protest of Goldberg & Co. against the assessment of duty by the Collector of Customs at New York. Protest sustained on the authority of G. A. 6380 (T. D. 27420) and Steinhart *v.* United States (113 Fed. Rep., 996), relating to strung beads and imitation precious stones.

Shell Cameos.—Protest of American Pearl Mfg. Co. against the assessment of duty by the Collector of Customs at Philadelphia. Protest overruled on the authority of G. A. 5763 (T. D. 25512), relating to shell cameos.

Manufactures of Glass — Manufactures of Metal—Pins—Imitation Precious Stones.—Protests of I Emrich *et al.* against the assessment of duty by the Collector of Customs at New York. These protests related to a large variety of goods, with regard to which the Board sustained the importers' contention that they should have been classified as manufactures of the component material of chief value, except as to imitation pearls held dutiable as imitation precious stones under Par. 435, and other items held dutiable as pins under Par. 188. Note G. A. 6075 (T. D. 26507), G. A. 6088 (T. D. 26554), G. A. 6139 (T. D. 26679), G. A. 6374 (T. D. 27382), G. A. 6376 (T. D. 27390), G. A. 6388 (T. D. 27423), and G. A. 6425 (T. D. 27571).

Boston.

Charles Cox, with the Globe Optical Co., is receiving congratulations on his recent marriage.

Levy & Dreyfus, New York, have transferred their lease of the store, at 501 Washington St., to A. M. Mossman.

Mr. Childs, formerly with A. Stowell & Co. as watchmaker, has taken a position with Bigelow, Kennard & Co.

The Orient Mfg. Co., of East Weymouth, Mass., is removing its factory and offices to 537 Albany St., where the business will be continued.

J. M. Bragg, buyer for J. C. Sawyer, is one of the leading Republicans of his home city of Medford, and was a delegate to the Middlesex County Republican Convention, recently held at Lowell, Mass.

S. Myers, salesman for M. Myers, who enjoys the distinction of being the oldest transcontinental jewelry traveling man actively on the road from Boston, and perhaps in the country, left here last week on his usual Fall trip to the Pacific Coast.

Many buyers are in town each week from all sections of New England, and they unite in declaring the business outlook, particularly in the manufacturing centers, exceedingly gratifying. Jobbers of jewelry are having a good run of business. Among the visitors of the week were: L. E. Briggs, Vineyard Haven; W. C. Smith and E. J. Hodgdon, Haverhill; R. E. Cooper, Westfield; J. J. Crowley and Mr. Bryant, of Bryant & Co., New Bedford, Mass.; F. E. Allen, Oldtown, Me.; C. S. Bennett, Guilford, Me.; Allan Trask, Bangor, Me.; C. E. Temple, of Temple & Farrington, Manchester, N. H.; O. E. Scott, Waterbury, Conn.; C. O. Holton, Newbury, Vt.; E. O. Holmes, Barre, Vt.; S. A. Dodge, Pawtucket, R. I.

Trans-Atlantic Voyagers.

TO EUROPE.

Henry Fera, of Fera & Kadison, New York, with his wife and daughter, will sail Nov. 8 on the *Kaiserin Auguste Victoria.*

FROM EUROPE.

J. Albert Caldwell, of J. E. Caldwell & Co., Philadelphia, Pa., returned recently from Europe.

The August H. Stecher Co. recently filed articles of incorporation in Milwaukee, Wis., with a capital stock of $35,000.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854 INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

22-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.
Cutters of
DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL PHILIP NOEL

RUDOLPH NOEL & CO.
IMPORTERS OF
DIAMONDS

2 Tulp Straat, AMSTERDAM 'Phone 1902 John 37-39 Malden Lane, NEW YORK

CHICAGO AND WEST

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago.

Vol. LIII. CHICAGO, WEDNESDAY, OCTOBER, 17, 1906. No. 11.

Chicago Notes.

L. H. Schafer, of L. H. Schafer & Co., was in Cleveland last week.

T. Jacobs, of Theo. Jacobs & Co., has left for a 30-day trip through the west.

Ed. Johnson, of Robt. M. Johnson & Son, is making a trip through the south and west.

J. C. Gibson, who has a department in the Oneida Community, Ltd., is visiting in Chicago.

A. Weiss, of Heinrich, Herman & Weiss, will visit the factory at New York this week.

William Loeb, of Wm. Loeb & Co., Providence, R. I., is a visitor this week at the Chicago office.

J. H. Donnelly and P. H. Winterburg, travels of Sproehnle & Co., are in from their Fall trips.

"Tom" Stanek, of Graffe & Stanek, is making his annual Fall trip for his firm through the west.

A. R. Oughton, representing the Jennings Mfg. Co., is making a two weeks' trip through Michigan.

E. M. Lunt, manager in Chicago of the Towle Mfg. Co., is visiting the factory at Newburyport, Mass.

Henry Blickle, son of J. B. Blickle, Rochester, Minn., made Chicago a part of his wedding trip last week.

Sam Amberg, E. S. Robinson and F. C. Strang, of the traveling force of L. H. Schafer & Co., are in off the road.

Sam Millard, a teacher of optics in Minneapolis, was in a train wreck recently, suffering the breaking of two ribs.

Harry Smith, of the Geneva Optical Co., has returned from a northern trip and will remain in the city for a few days.

Herbert W. Allen returned last week from New York, where he had gone with a party of friends to attend the Vanderbilt cup races.

George Perrish, the new addition to the road force of Norris, Alister & Co., starts on his territory, Michigan, Indiana and Ohio, this week.

B. Lemon, of the firm of James K. Lemon & Son, Louisville, Ky., stopped in Chicago a few days on his way home from a vacation in Michigan.

Henry Falker, 60 years old, president of Falker & Stern, wholesale crockery, cut glass, bric-à-brac, etc., died of heart failure last week. Mr. Falker has been in business here since 1870.

Last week an explosion next door to the jewelry store of L. A. Beyer, 6557 Cottage Grove Ave., slightly damaged the stock and fixtures of the concern.

R. A. Kettle, manager of the Chicago office of the American Waltham Watch Co., is visiting the factory at Waltham, Mass., and other eastern points.

C. B. Shourds, of the Shourds-Adcock-Teuful Co., has been ill for some time. He is improving some of late, and is expected to return to business soon.

C. G. Marquardt, jobber, trading as the Reliable Jewelry Co. in the Heyworth building, has sold his stock of jewelry to go into the diamond business.

F. M. Scheetz recently purchased stock in this city for his new store which he is opening at Flora, Ill. Mr. Scheetz was formerly employed by C. S. Cunningham.

Geo. T. Bymer, representing Becker & Co., and John A. Cunningham, representing Regnell, Bigney & Co., have removed from room 1314 to room 1205, Heyworth building.

August Bruder, Fort Wayne, Ind., was a visitor in Chicago last week. His firm now is A. Bruder & Co., having taken as a partner in the business a young man who has been in his employ for some time.

Bates & Bacon's western representative, H. Stoyes, has just returned from a six weeks' trip to the far west and Pacific coast, which points it is the intention of Bates & Bacon to cover three a times a year in the future.

Horace Allen, of the Morgan & Allen Co., San Francisco, accompanied by his wife, stopped over here on his way home after an extended trip to eastern factories. Charles Goddard and Ed Heine, Denver representatives of the Morgan & Allen Co., are now in the east.

George E. Major, who was formerly employed by Scott Bros., has started a mail order jewelry business, having incorporated under the name of the George E. Major Jewelry Co. The concern will be located at 1103 Heyworth building, where he will share the office with S. F. Scott, who was formerly connected with Scott Bros.

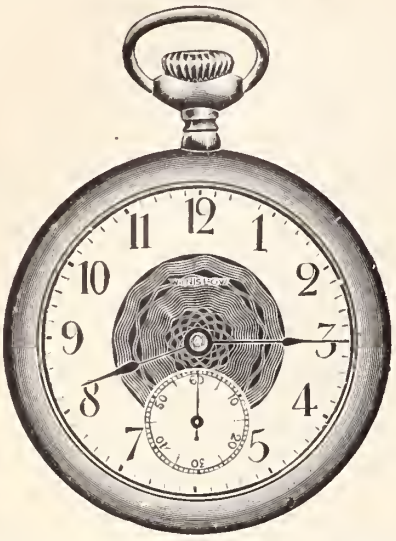
The Hamilton Club presented the "Cubs" and "White Sox" at the initial game of the championship series each with a cup. The cups were identical with the exception of the inscriptions, that on the cup to the "Cubs" being, "Presented to the 'Cubs,' champions of the National League, by the Hamilton Club of Chicago, a Republican organization," the inscription on the other cup being the same with the proper substitution of the name of the club. These cups were purchased of Lebolt & Co., and are valued at $100 apiece.

The following buyers, aside from those previously mentioned, were in Chicago during the past week: Wolf Fink, Leeds, N. Dak.; L. D. Merrill, Sparta, Wis.; Mr. Berg, of Dahle & Berg, Mount Horeb, Wis.; M. A. Hurlbut, Ft. Dodge, Ia.; A. Y. Boswell, Tulsa, Ind. T.; W. W. Houghton, of Houghton & Hunter, Seattle, Wash.; Albert Feldenheimer, of A. & C. Feldenheimer, Portland, Ore.; J. D. Jensen, Henderson, Ky.; Samuel T. Learned, Ft. Atkinson, Wis.; C. F. Winter, River Falls, Wis.; Mr. Cole, of Cole & Co., Jewell, Ia.; Charles M. Schuell, South Bend, Ind.; Wm. Reynolds, of Reynolds & Reynolds, Burlington, Ia.; Frank Hyde, Sioux Falls, S. Dak.; Theo. C. Steudel, Chilton, Wis.; M. Goldstein, Goldstein-Weisser Jewelry Co., Peoria, Ill.; W. A. Grant, Harrisburg, Ill.; Claude E. Range, Trenton, Mo.; J. H. Potts, Lyons, Ia.; S. Sorg, Eureka, Ill.; W. J. Graffe, Baskerville, Wis.; J. R. Weaver, Harvard, Nebr.; F. D. Crebs, Frankfort, Ind.; Fred Bozhardt, Kirkland, Ill.; E. H. Hagel, Mt. Sterling, Ill.; L. Cillaway, Lake City, Mich.; C. T. Delaporte, Berlin, Wis.; L. A. Fondersmith, Hoopeston, Ill.; Messrs. Cook and Short, of Cook Jewelry Co., Fayetteville, Ark.

The Wyoming Optical Society was organized recently at the Interocean Hotel, Cheyenne, Wyo., by a number of opticians who gathered from various sections of the state for that purpose. The following officers were elected: President, E. D. Carter, Laramie; first vice-president, Dr. J. H. Bingham, Encampment; second vice-president, M. P. Service, Sheridan; treasurer, H. R. Daniels, Douglas; secretary, C. C. Ellis, Thermopolis.

Dr. "W. L. Bennett," whose card states that he is an optician and neurologist in Topeka, Kans., was arrested in Kansas City, Kans., about a week ago, charged with obtaining from a resident of Topeka, $700, by false pretenses.

L. A. EPPENSTEIN & CO. 133 WABASH AVE. CHICAGO



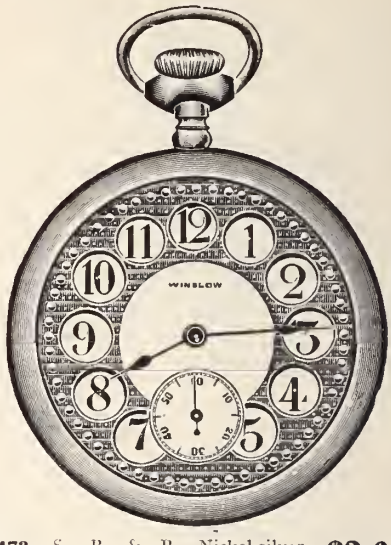
3477 S. B. & B. Nickel-silver, plain Pol. **$2.60**
3478 S. B. & B. Gun Metal, black, bassine **2.90**

16 size Open Face Winslow Cylinder Movements, Nickel-silvered, ¾ plate, imitation Anchor Balance, gold and silver engraved dials; enameled figures in contrast.



3481 S. B. & B. Nickel-silver, plain Pol..... **$2.65**
3482 S. B. & B. Gun Metal, black, bassine **2.95**

16 size Open Face Winslow Cylinder Movements, Nickel-silvered, ¾ plate, imitation Anchor Balance, dark blue or black dials, raised figures, enameled in contrasting colors.



3473 S. B. & B. Nickel-silver, plain Pol. **$2.65**
3474 S. B. & B. Gun Metal, black, bassine **2.95**

16 size Open Face Winslow Cylinder Movements, Nickel-silvered, ¾ plate, imitation Anchor Balance, gold frame dial, colored porcelain background, sunk figures.



2564 Gun Metal, open face, back view **$3.25**

Solid gold and silver raised lilies, fleur de lis, and other fancy designs. Inlaid on a solid black background, bassine shape case, nickel pendant set. ¾ plate nickel silver movement well finished throughout. Tinted dial, Arabic figures, red marginals, black steel hands. Most attractive watches of this class on the market.



2584 Open Face Niello..... **$2.90**

Niello is a solid pliable substance, very similar to black enamel, embedded in a white background. The decorations are cut through the black surface, forming a most beautiful contrast, silver on black. The interior of the back and cap is heavily silver plated. Large variety of designs. Nickel pendant set cylinder movements.



2585 Open Face gold and silver decorated gun metal..... **$3.20**

Solid gold and silver raised lilies, fleur de lis, and other fancy designs. Inlaid on a solid black background, bassine shape case, nickel pendant set, ¾ plate nickel silver movement well finished throughout. Tinted dial, Arabic figures, red marginals, black steel hands.

THE FIFTH EDITION OF OUR CATALOGUE

entitled "The Money Saver," illustrates a very large variety of popular, attractive, low-priced watches in plain and decorated gun metal, nickel, etc. If you have not already received this book, apply for a copy at once.

L. A. EPPENSTEIN & CO. 133 WABASH AVE. CHICAGO

Cincinnati.

Lee Loeb, of Herman & Loeb, will visit the west this week.

J. C. Miller, of the Miller Jewelry Co., leaves this week on his regular business trip east.

Albert Esberger, a Vine St. jeweler, was married Wednesday to Miss Lydia Katker, of this city.

Arthur V. Rose, of Tiffany & Co., New York, was a visitor at the Sterling Glass Co.'s factory last week.

Joseph Kramer, of Lindner & Co., has returned from the west, where he combined business and pleasure.

R. E. Gill, Clarksburg, W. Va., was here last week buying the opening stock for his new retail jewelry store in that city.

H. H. Harrison was here, last week, buying stock for the new store which he has recently opened at Lewisburg, Tenn.

Alfred Vogel, with E. & J. Swigart, is receiving congratulations upon his recent marriage to Miss Partell, of Cincinnati.

B. Ganz, of the Gustave Fox Co., announces that he will this week resume business, after an illness of a few weeks' duration.

John Haslam, of the Clemens Oskamp Co., has resumed business, after an illness which detained him from the road for some time.

Friedlander & Gleckner, Dayton, O., have opened a branch business in this city at 5th and Race Sts. under the name of Lucios.

James Baker, formerly of Cincinnati, but now of the Henkes, Baker Jewelry Co., Vincennes, Ind., was visiting his old friends here last week.

Edward Kallmeyer, for some years connected with the Frank Herschede Co., died last week at his home in Covington. The deceased was well and favorably known here, and the news of his death was received with much regret.

The marriage of Miss Therese Holland, daughter of John Holland, of the John Holland Gold Pen Co., to Archer Dean, of Cincinnati, will be celebrated this evening at the bride's home on Madison road. The ceremony will be private, after which a reception will follow.

William Pflueger, of Joseph Noterman & Co., and his wife celebrated their 25th wedding anniversary Friday evening at their home in Covington. At the reception about 200 guests were present. The affair was one of the most elaborate of the season. Many valuable gifts were presented the host and hostess.

Work at the Wadsworth Watch Case Co. was somewhat hindered a part of last week by the falling of a smokestack during a wind storm. The chimney was about 130 feet high, and in falling struck the roof of the factory. The damage was comparatively slight and speedy repairs soon permitted the place to be opened as usual.

All of the working jewelers at the Gustave Fox Co.'s plant struck Thursday for a nine-hour work-day and at the same pay as at present. A compromise was agreed to and the nine hours given, but the firm had already planned to put this in effect. The company is now employing 46 men. Leonard J. Fox represented the firm in the negotiations and a committee of two were appointed by the factory employes. The nine-hour schedule is now being adopted by all large manufacturers in Cincinnati. Pohlmeyer & Roth likewise had a strike during the past week, but this also was immediately settled.

Out-of-town jewelers who replenished their stocks here the past week included: Charles Haynes, of Henn & Haynes, Chillicothe, O.; Adam Rothermel, Connersville, Ind.; W. A. Meyer, Chattanooga, Tenn.; Herman A. Rohs, Cynthiana, Ky.; O. M. Roseboom, Frankfort, O.; F. A. Schweeting and wife, Oxford, O.; F. C. Thienemann, Franklin, O.; Mrs. Charles G. Schlenker, Hickman, Ky.; W. N. Northrop, North Baltimore, O.; Charles G. Sederberg, Milford, O.; A. H. Rolef, Lockland, O.; W. B. Beck, Sioux City, Ia.; A. G. Boswell, Tulsa, Ind. T.; Ed. De Voss, Wilmington, O.; C. D. Harner, Morrow, O.; A. Clooney, Maysville, Ky.; Herman Smith, Harrodsburg, W. Va.; J. H. Sherwood, Brookville, Ky.; E. Israel, Harrison, O.; J. D. Smith, Union City, Ind.; G. H. Hansgen, Bethel, O.

Columbus, O.

W. M. Tucker, one of the old-timers of Columbus, but now out of business, has gone to Florida to spend the Winter.

P. C. Krouse & Co., 232 N. High St., have remodeled their store front. One large store window, with door at the side, has been replaced with two windows with the door between them. The change gives much more display room and is handier for patrons.

Grace Ethel, alias Mabel Hall, a former Salvation Army lassie, was received at the Ohio Penitentiary last week to serve one year for obtaining goods with a worthless check. She passed a check for $75 on a Cincinnati jeweler, obtaining therewith a diamond, which she said she gave to a friend, a man who was afterward held by the police because he said he had swallowed the stone. It has not been recovered.

Minneapolis and St. Paul.

George W. Wooley, St. Paul, is in North Dakota on a hunting trip.

The Gopher Diamond Parlors, Robert St., near 6th St., St. Paul, have been closed.

C. M. Thomsen, with H. Birkenhauer & Co., Minneapolis, welcomed a nine-pound baby to his home, Oct. 10.

Gill Bros., formerly in business in St. Paul, have arranged to engage in the retail jewelry business at Hibbing, Minn.

M. P. Benson, from the New York store of Meyrowitz & Co., has been made manager of the Minneapolis branch of that concern.

F. A. Defield, St. Paul, has been elected president of the Junior Pioneers' Association, of that city. The association has a membership of 760.

S. B. Millard, traveling for the Geneva Optical Co., Minneapolis, is out again, although still badly crippled from his fractured arm and bruises sustained in a recent accident.

Among the out-of-town jewelers in the Twin Cities, last week, were: A. H. Davis, Red Lodge, Mont.; A. E. Mealey, Delano, Minn.; W. Edelman, Stillwater, Minn.; C. Rygh, Hancock, Minn.; A. J. Rost and Julius Schleuder, St. Peter, Minn.

Kansas City.

The Southwestern Optical College turned out another class of 12 graduates last week.

C. P. Kionka, of Kionka & Kionka, will be back from a northwestern trip, about Oct. 20.

The force of the C. B. Norton Jewelry Co. has begun night-work, owing to the rush of orders.

Chas. Manor has just returned from Auburn, Nebr., where he has been conducting a sale for the Auburn Jewelry & Music Co.

Mr. Bennett, watchmaker with the Meyer Jewelry Co., recently underwent an operation in St. Joseph's Hospital and is rapidly recovering.

Mr. Miller, of Miller Bros., Poteau, Ind. T., was in the city, last week. The firm recently purchased the store of W. J. Beaty, at that point.

The following pupils were recently enrolled by the Kansas City Polytechnic Institute: John R. Davis, Holden, Mo., and A. L. Shoop, Rothville, Mo.

J. E. Petitt, Downs, Kans., was in this city the past week, and purchased fixtures for the new store building, into which he will move about the first of next month.

The Edwards & Sloane Jewelry Co. has just added five persons to its working force to assist in taking care of the holiday trade, which seems to have already opened up.

C. N. Thompson has resigned his position as watchmaker for the Meyer Jewelry Co., and has gone to Denver, Colo., where he will follow the same line of work. H. G. Rupert, with this concern, is spending a vacation in the east, and O. D. Fosburg has just returned from a short visit in St. Joseph.

The following out-of-town jewelers were in this city last week: Mr. Wadell, of Sams & Wadell, Clinton, Mo.; A. Wetteroth, St. Joseph, Mo.; H. P. Heichert, Heichert & Hubbell, Howard, Kans.; O. A. Karnes, Overbrook, Kans.; T. S. Terry and wife, Downs, Kans.; Mr. Brittain, of Cowgill-Brittain Drug Co., Hartford, Kans.; Leslie Hutton, Lebo, Kans.; Mr. Purdon and Mr. Jeannes, of Purdon & Jeannes, Duncan, Ind. T.; F. W. Jordan, Minneapolis, Kans.; A. L. Shoop, Rothville, Mo.; Theo. Burkhardt, Trenton, Mo.; E. P. Kennedy, Richland, Tex.; Frank W. Swearingen, Topeka, Kans.; L. J. Wendel, Creston, Ia.; Geo. Porth, Jefferson City, Mo.; A. Rosenfield, Leavenworth, Kans.; F. C. Roder, Higginsville, Mo.; R. Harris, Blue Springs, Mo.; Mr. Meredith, of Meredith & Meeker, Chanute, Kans.; Mr. Inglis, of Inglis & Huber, Holden, Mo.

The store of Jacobson & Meyer, Lancaster, S. C., was looted by burglars, a short time ago. James Reed, a negro, was later taken into custody, accused of the crime, some of the stolen property having been found in his possession. The negro finally confessed that he had concealed himself in the store before the closing hour, and when the proprietors had left, helped himself to whatever he wanted and escaped.

SWARTCHILD & CO.

ESTABLISHED 1870.

138 Wabash Avenue CHICAGO, ILL. **Watchmakers', Jewelers' and Engravers' Supplies.**

Our new 432 double-size page catalogue containing 20,000 illustrations will be sent to you gratis (prepaid) on application.

FEATURES

"Black Shield" Mainsprings are packed in the following manner:

Each spring is wrapped separately in oiled paper, and placed in an individual envelope printed with the name and size of movement for which it is intended.

Twelve envelopes, or one dozen mainsprings, are contained in a well-made strong box properly labeled.

Useless handling of the springs is avoided, thereby preventing rust or mixing of stock.

The name, "Black Shield" is scratched on every spring.

THE NEW MAINSPRING

"BLACK SHIELD" MAIN-SPRINGS

FOR ALL AMERICAN WATCHES.

The Product of the Highest Attainment in Mainspring Making

TESTS

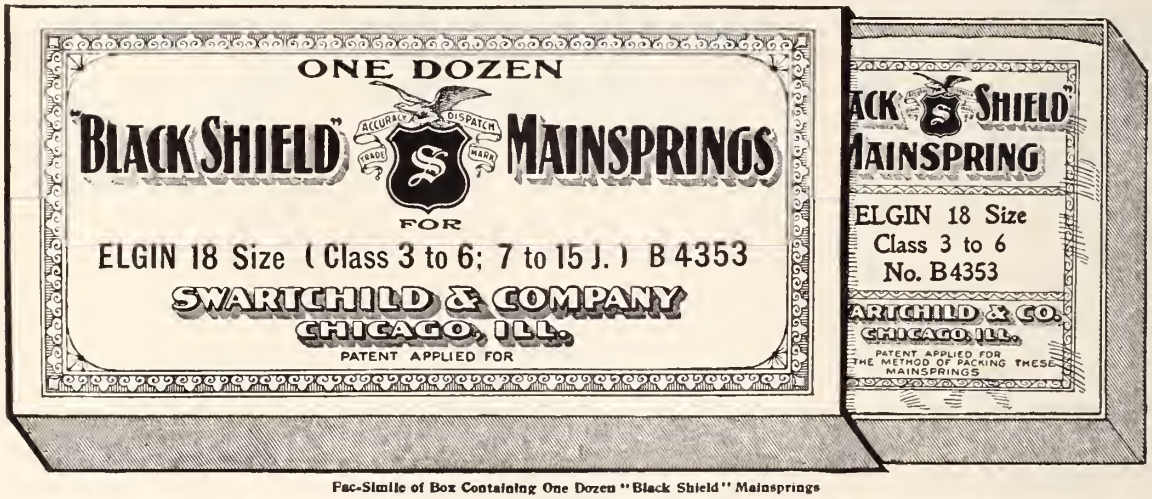
In selecting the "Black Shield" Mainsprings, we were guided not alone by our own severe tests and judgment, but we distributed samples to dozens of expert watchmakers throughout the country.

The opinion of all was that the "Black Shield" Mainsprings are the finest ever introduced in this country. That they are even, properly tempered, carefully finished, correctly gaged, and tips and length positively accurate.

They are of wine color, well polished, and will fit the respective movements without any filing or change whatsoever.

"Black Shield" Mainsprings are manufactured for us only by the oldest and most reputable maker in Switzerland

Per Dozen, $1.25 Per Gross, $13.50



Fac-Simile of Box Containing One Dozen "Black Shield" Mainsprings

"Black Shield" Mainsprings are guaranteed in every respect. No better can be had at any price

Per Gross, with 4-Drawer Cabinet (capacity, 48 dozen), $15.00

A. G. SCHWAB & BRO.

31 East Fourth Street CINCINNATI, O.

WHOLESALE JEWELERS

Elgin, Waltham and New England Watches
Boss and Crescent Cases

DIAMONDS

Fully Prepared to Fill ALL ORDERS Promptly and Satisfactorily

Indianapolis.

Abraham B. Cohen, of H. Cohen & Sons, who was recently injured by the falling of an elevator, is improving. His complete recovery is now assured.

G. A. Slinger, foreman for Ikko Matsumoto, has been elected national chairman of the Young Men's Institute of America, which held its annual convention here recently.

Local merchants have received announcements of the opening of a new store at Elkhart, Ind., by the Davis-Harter Co. The company is incorporated with a capital of $10,000, to do a wholesale and retail business.

The wife of John Wimmer, of this city, died last week in St. Vincent's Hospital, after an operation. Mrs. Wimmer had a wide circle of friends, by whom she was greatly beloved. Besides her husband, a son, three sisters and a brother survive.

The Indianapolis Aerie of Eagles held a banquet at the Grand Hotel, last week. Fletcher M. Noe, president of the aerie, acted as toastmaster, and J. P. Mullally, another jeweler of the city and a past president of the aerie, was one of the speakers.

Three burglar alarms, received over private wires at the offices of the American District Telegraph Co. shortly after 1 o'clock the other morning, took three bicycle policemen to the offices of the Baldwin, Miller Co. in the State Life building. The entrances and exists were guarded by the policemen, and then Mr. Miller, of the firm, was summoned by a messenger. Upon Mr. Miller's arrival, the police entered the offices, but no one was to be found and the stock was undisturbed. It is thought that a crossed electric wire caused the alarm to be sounded.

Ideal Fall weather brought many out-of-town jewelers to this city, last week. Among the number who called on the local jobbers and manufacturers were: J. A. Pickett, Newcastle; Aaron Pursel, Noblesville; J. Alfred Meissen, Cicero; D. S. Whittaker, Lebanon; H. Wheeler, Dana; N. W. Myer, Crawfordsville; E. Eugene O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion; Mrs. B. Maier, Edinburg; George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Robert, Veedersburg; A. R. Cooper, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred W. Green, Elwood; A. B. Westberry, Rankin; Dr. Conwell, Van Buren, and J. H. Wetz, Sulphur Springs.

Following a fire in the Wert building, occupied on the first floor by Horace A. Comstock, as a jewelry store, Elmer Stokes, watchmaker for Mr. Comstock; Miss Lillian Calahan, a clerk in the store; Mrs. M. E. Phelan, who occupies the second and third floors of the building as a hair-dressing establishment, and Miss Anna Toomey, an assistant to Mrs. Phelan, were taken to police headquarters and questioned relative to the cause. When the fire department arrived the basement was filled with smoke, and the firemen anticipated a stubborn blaze. Water was poured into the basement with a large stream, and within a few minutes the fire was under control. The basement was found to be crowded with dry goods boxes filled with excelsior and waste paper. On top of the boxes and distributed about the basement were about 20 filled matchboxes in which candles were sticking upright. The boxes of matches had been forced open at one end and the candles, all of them about five inches long, had been thrust down into the matches and held firmly with small rubber bands that had been placed about the boxes. Towels and rags saturated with gasoline were near the candles, and wax tapers were scattered about promiscuously. Fumes from the gasoline became ignited, however, and started a small blaze in one part of the basement. This was discovered and extinguished with dispatch. Mr. Comstock, who had been spending the Summer in camp, was away from the city and did not know about the fire until the following day. The loss was slight, though some damage was done by water and smoke.

Pacific Northwest.

R. S. Whalen, Raymond, Wash., has sold his store to R. A. Whalen, South Bend, Wash., who will conduct both stores.

S. S. Prentiss, Shingle House, Pa., is now visiting at Grant's Pass, Ore., where he was employed by a jewelry house, eight years ago.

Gaston Moch, Montesano, Wash., who, it was reported, was contemplating a removal to another town, denies that he has any such intention.

John W. Hardwick, 17 W. Main St., Walla Walla, Wash., has added a manufacturing department to his store, in charge of George W. Dennis, formerly of New York.

Victor E. Campbell, a jeweler of Goldendale, Wash., has invented an automatic appliance to be attached to a gas burner which, he says, will prevent all danger of asphyxiation.

J. M. Goldstein, Seattle, Wash., will soon seek a new store, as his present location at 1100 Second Ave. is to be replaced with a more modern building. Mr. Goldstein has a lease until January of next year, but may vacate sooner.

Burglars recently broke into the store of F. X. Neuberger, 831 Main Ave., Spokane, Wash., and stole several small pieces of jewelry and a few other articles of small value. Entrance was gained through a rear door, a window pane having been broken, permitting the thief to reach in and push the bolt which secured the door.

The first annual meeting of the Utah Association of Optometrists was held at 21 Atlas block, Salt Lake City, recently. Several new members were taken into the association. A committee on legislation was appointed, the work of which will be to draft a bill providing for the protection of reputable firms in this line of business from fake dealers, etc., and the advancement of the profession in the state. The members of the committee are: O. R. Dibblee, chairman; J. T. Rushmer, Ogden, and C. R. Murchison, Salt Lake. One of the enjoyable features of the evening was a supper served to the members present, at Franklin's cafe, the host being Royal W. Daynes.

Denver.

Evan Freedheim, now at 1231 16th St., will shortly remove to 632 16th St., this city. His new store will be nearer to the center of retail traffic.

Miss Bertha Johnson, daughter of J. B. Johnson, Walsenburg, Colo., was married Oct. 10 to Fred Walsen, Jr., in this city. The young couple will reside here.

Out-of-town dealers here during the past week included: N. N. McLean, of McLean Bros., Lamar, Colo.; E. J. Mayle, Rawlins, Wyo.; F. A. Wagner, Colorado Springs, Colo.; E. A. Eaves, Idaho Springs; O. T. Craig, Boulder; L. W. Keil, Pueblo; Alvan Hern, Brighton, Colo.; W. J. Headrick, Sterling, Colo.; E. D. Carter, Laramie, Wyo.

Several Denver jobbers are seeking the whereabouts of one William Fleishman, who disappeared last Summer. Fleishman ingratiated himself by selling goods for which he paid very satisfactorily for a time. When he had gained the confidence of the jobbers sufficiently, he proposed to his friends that they furnish him a stock of goods on memorandum, saying he would make a trip through Kansas, Indian Territory, Oklahoma and Texas. This was done, one house furnishing the bulk of the goods. After reaching Wichita, Fleishman disappeared, and he has not been located since. He is described as a Hebrew, about five feet six inches tall, of stocky build, and 45 or 50 years old. He speaks good English, but with a slight accent. He wore a rather heavy moustache. He is troubled with asthma. There is a rumor that he has gone to Europe.

Pacific Coast Notes.

W. E. Tracy, formerly of San Bernardino, Cal., is now located in Los Angeles.

C. M. Henkel has moved his stock at Bisbee, Ariz., into larger and better quarters on Main St.

G. W. Robbins, 593 Pasadena Ave., Highland Park, Cal., has added a new safe to his office equipment.

J. Jessop & Sons, San Diego, Cal., have just put on two new men—an expert repairer and an engraver.

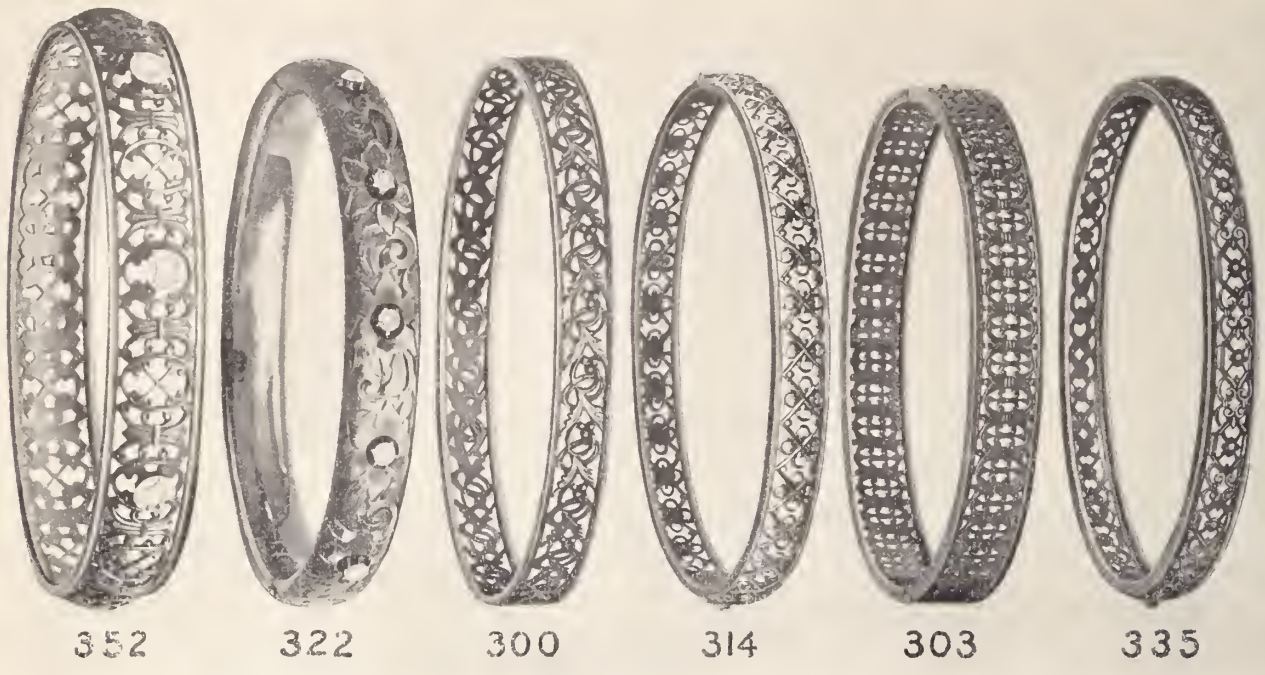
Robert Miller, Berkeley, Cal., who was robbed last July, has finally secured the return of the jewels, which have been in the possession of the court for some time. The young thief is now in a reform school.

A man giving the name of Juan E. Rables attempted to steal a watch from the Durango Jewelry Store, Durango, Mex., last week. He was detected by a clerk, who succeeded in holding him until an officer arrived.

J. Herbert Hall, Pasadena, Cal., is remodeling the interior and exterior of his store. A new front will be put in and display and wall cases, made entirely of glass, will be installed. New fixtures have also been ordered.

Orington Killgore, Grand Rapids, Mich., has been succeeded by Andrew Killgore.

Bert Ochiltree, Clarksville, Ia., has retired from business and moved to Tipton, Ia., where he will continue business.



10K. and 14K. Bracelets, Joint and Nethersole, Produced by

THE MILLER JEWELRY CO.

Makers of High-Grade Gold Jewelry

Fifth and Elm Streets (Lion Building) CINCINNATI, O.

NOW READY

NEW "VICTORY" LAPEL BUTTON BACKS

Made in Two Sizes and Thirteen Qualities.
The "Victory" Button Back, being improved and reduced in price by our new mode of manufacturing same—having completely changed our methods—we are now ready to handle the trade in every department. Send for revised price list and samples.

GEBHARDT BROS.

5th and Elm Streets, CINCINNATI, OHIO

San Francisco.

C. J. Noack, Sacramento, Cal., returned last week from a vacation trip to Honolulu.

George F. Blackeslee, Tonopah, Nev., was in this city recently, visiting the trade and buying stock.

T. Lundy, 744 Market St., is keeping pace with the march of events by the installation of new safes and other fixtures.

Nordman Bros., wholesalers and material men in the Kamm building, have found it necessary to add four new safes of large size.

William Glindemann, manufacturers' agent, Fillmore St., has just installed three new safes, ordered some time ago, to replace those lost in the big fire.

The United Jewelry & Optical Co. has found it necessary to put in additional fixtures. These include a large safe and an extra large wall case.

Jewelers in this city are still complaining of a scarcity of help. The supply of skilled watchmakers, jewelers, opticians and good salesmen is not equal to the demand.

James A. Sorenson, whose growing trade has justified the purchase of a new automobile, took his first long ride last Friday when he made the trip to Haywards and back.

Henry M. Abrams has installed three new safes in his wholesale store at 717 Market St. He has secured the services of W. A. Rowe, who will hereafter act as city salesman for him.

The Rudolph Barth Jewelry Co. has increased the capacity of its store, and is adding new fixtures. A 10-foot wall case, two new show cases and another safe have recently been put in.

George A. Desenpart, formerly of Maiden Lane, New York, has leased quarters at 1613 Fillmore St., this city, where he is fitting up a handsome store. Last week a new safe, four new show cases and a wall case were installed.

The Baldwin Jewelry Co. has added a cut glass department to its large store. The cut glass display is so arranged that it enhances the attractive appearance of the store. Charles Isaacs, secretary of the firm, has gone to San Gregorio on a fishing trip.

For some reason there is a scarcity of jewelers' tools in San Francisco, and nobody seems to be making an effort to supply the demand. Diamond scales are especially hard to get, and some complaint is made that these do not arrive promptly, even from the east.

The J. R. Jenkel Jewelry Co., which was one of the first business houses to secure a place on Van Ness Ave., thus securing at a low rental a very valuable lease, is now reaping the reward of its farsightedness. The company has rented a portion of the rear of its store to a real estate firm for almost enough to pay the entire rent of the store.

Henry Bohm, of the Bohm-Allen Co., Denver, Colo., and the Bohm-Bristol Co., San Francisco, Cal., came out from Denver last week to assist in getting under way the new store of the Bohm-Bristol Co. on Van Ness Ave. in this city. He has secured F. D. Wheeler, who was with the firm before the fire, to take charge of the diamond department once more, and has added several other men to the store and factory. About the prettiest thing in the retail trade is a succession of immense mirrors which this company has put in its new establishment.

It was erroneously published in a recent issue of THE CIRCULAR-WEEKLY that Albert E. Lee had opened a retail jewelry store at 1190 Green St., San Francisco, Cal. Mr. Lee, who is the coast agent for well known lines, has offices at 1993 Green St., this city. He returned a short time ago from a trip which covered the entire coast territory and east as far as Denver.

Although most of the stores have already ordered their holiday goods or are now ordering, the dealers are still a little uncertain as to whether or not it is wise to carry very heavy stocks. Insurance rates along Fillmore St. and Van Ness Ave. are still very high, ranging between 6 per cent. and 10 per cent., and the trade is not inclined to pay these rates on any larger stocks than is absolutely necessary. The holiday orders, according to all accounts, will compare very favorably with those of former years, but many of the dealers are arranging with the manufacturers to have the goods shipped only as needed, thus keeping the stock down to but little more than is absolutely required for the daily run of business.

Shreve & Co., Oct. 6, opened their new store on Van Ness Ave. and Sacramento St. This is by far the most pretentious jewelry store yet opened since the fire, and it at once places Shreve & Co. in the same relative position as regards the trade of the coast as before the fire. The new building, though only intended to be occupied by the company for two or three years, is well constructed, both outside and within. A notable feature is the beautiful solid cement front, two stories high. The interior is arranged with a view to both beauty and convenience. The ground floor is devoted to the retail salesrooms and offices. On the second floor are located the designers, engravers, repairers and the other departments devoted to the manufacturing end of the business so far as this is carried on in this building. At present there are 150 men in the building. More will be added as fast as they can be obtained. Work is progressing satisfactorily at the company's big building at the corner of Geary and Grant Ave., where the effects of the fire are being rapidly erased. According to present plans the main store will be returned to the old building in about two years.

Omaha.

Albert Edholm is confined to his home on account of illness.

John Brown, Hannibal, Mo., is visiting friends in this city.

Chas. Copley, Chicago, is visiting his brother, Henry Copley, of this city.

Henry Haman, watch inspector for the O. M. & St. P. R. R., was a visitor in this city last week.

J. H. Husman, watchmaker for the Bennett Co., has taken a position at Coeur d'Alene, Idaho.

L. A. Borsheim, of Brown & Borsheim, is unable to attend to his business duties this week, owing to a severe attack of throat trouble.

Rudolph Thelen, Shelby, Nebr., Harry S. Overocker, Fairmont, and R. L. Senift, Osmond, Nebr., accompanied by their wives, spent a few days in this city last week. They replenished their jewelry stocks before returning home.

Other out-of-town jewelers here last week were: Chas. Berquist, Shickley; C. L. Dunham, Farnam; R. E. Pitcher and R. C. Young, Alma; Otto Lux, Rising City; Ed McComas, Broken Bow; F. Hamptman, Julian; Noal Unger, Plymouth; Ed Ingham, Coleridge; R. Safranek, Schuyler; E. A. Jones, Pender; Lewis Slama, Humboldt; H. L. Vail, Norfolk; Jno. Crabill, Plattsmouth; A. Pohlmann and Anton Cross, Pierce; C. L. Haman, Battle Creek; Jno. Connors, Farnham & Samson, Blair; Mrs. Lyons, Harvard; Robt. Becord, Waco; Mr. Smith, West Point; Geo. Hastings, Arcadia; P. W. Napier, Decatur; H. S. Knapp, Bertrand; C. L. Spencer, Blanchard, Ia.; W. D. Gay, Eddyville, Ia., and A. A. Townsend, Boone, Ia.

Detroit.

E. C. Avery is the latest addition to the force of traveling representatives of the Charles A. Berkey Co.

Petz & Thiry have engaged M. A. Colwell, a graduate optician, to take charge of their optical department.

William Z. Searle, Petoskey, Mich., is spending a two weeks' vacation at his old home at Mason, and also at Leslie, Mich.

R. T. Summerville, manager of the material department for Noack & Gorenflo, is mourning the loss of a baby daughter. The little one passed away Saturday morning.

George T. Baker, of George T. Baker & Co., Bemidji, Minn., paid a visit to his old home at Fenton, Mich., last week, and stopped off here long enough to place orders in this market.

Henry Phelps, Tekonsha, Mich., who was recently reported as having gone out of business, is still doing business at the old stand, according to private advices to a Detroit wholesaler.

An offer of $12,250 for the equity in the plant of the Mancha Showcase Co., bankrupt, including personal property, but excluding bank accounts, has been approved by Referee Harlow P. Davock.

P. S. Stocker, city salesman for the Charles A. Berkey Co., has returned to his work, very much improved in health. He has been away since Spring, having spent most of the time in the country.

The store of Charles W. Warren & Co., in the Arcade building, was crowded with visitors last week, the occasion being the firm's fifth anniversary. A brilliant and extensive display of sapphires attracted much attention. One of the rooms was given up to a showing of silverware.

Out-of-town buyers in this city last week, not elsewhere mentioned, included: O. C. Wheeler, Saline; H. W. Baxter, Birmingham; Switzer Bros., Mt. Clemens; E. V. Allison, Pontiac; George Carhart, Pontiac; A. Wagner, Monroe; A. T. Selkirk, Charlotte; George H. Johnston, Northville; Fred N. Pauli, Pontiac, and Max Jennings, St. Clair, president of the National Retail Jewelers' Association.

LOOK FORWARD

Think of the busy season just ahead.

Think of all the special orders and repair work you will have—then

REMEMBER that

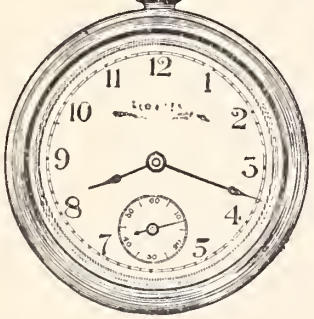
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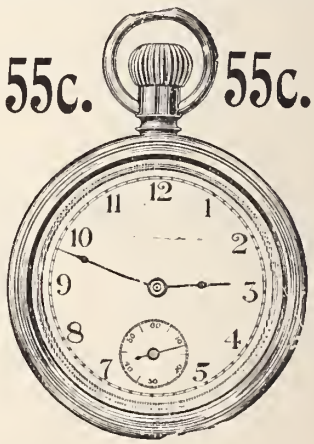
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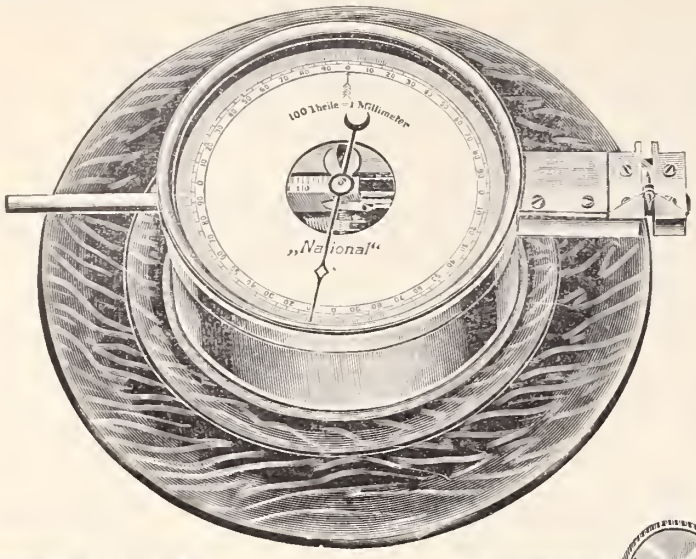
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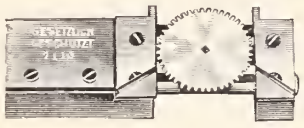
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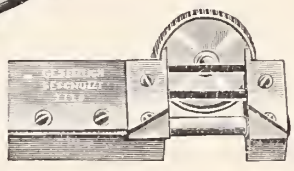
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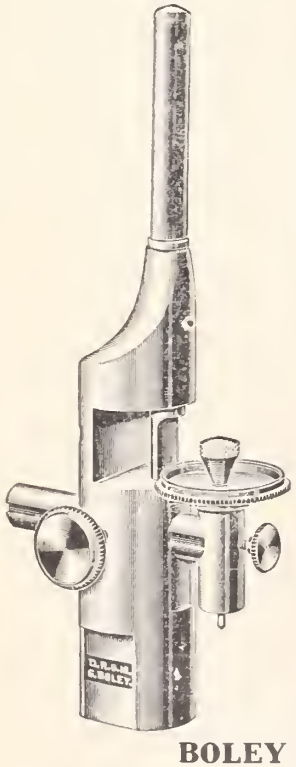


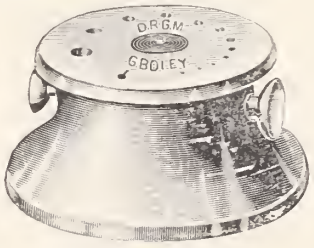


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INDEX TO ADVERTISEMENTS.

Abel Bros. & Co. ... 39
Adams & Singleton ... 131
Aikin-Lambert Co. ... 133
Allsopp & Allsopp ... 37
Allsopp Bros. ... 33
Alsterlund, H. E., & Co. ... 47
Alvin Mfg. Co. ... Inside front cover
American Cuckoo Clock Co. ... 100
American Gem & Pearl Co. ... 69
American Platinum Works ... 134
Arch Crown Mfg. Co. ... 74
Arnstein Bros. & Co. ... Outside back cover
Ascheim, Jules ... 34
Austin, John, & Son ... Outside back cover
Aztec Turquoise Co. ... 68
Bagg, Perine & Co. ... 64
Baker, Geo. M. ... Outside back cover
Ball, Webb C., Watch Co. ... 80
Bard, A. C., & Co. ... 54
Baschkopf, Jacob ... 66
Bassett Jewelry Co. ... 47
Bates & Bacon ... 32
Benedict Mfg. Co. ... 43
Berge, J. & H. ... 122
Bigalke & Eckert Co. ... 70
Bigney, S. O., & Co. ... 4
Billings, Chester, & Son ... 60
Bing, Ferdinand, & Co.'s Successors ... 124
Bishop, R. W. ... 134
Blackinton, R., & Co. ... 39
Blackinton, W. & S., Co. ... 13
Blancard & Co. ... 68
Boote, Edward ... 126
Borrelli & Vitelli ... 29
Bowden, J. B., & Co. ... 33
Bowler & Burdick Co. ... 111
Bradley Polytechnic Institute ... 94
Brettner, R. ... 66
Briggs & Dodd ... 95
Brower, Maurice ... 60
Brown, Jos., & Co. ... 40
Bruhl Bros. & Henius Co. ... Outside back cover
Buckley, Samuel, & Co. ... 37
Byron, Chas. B. ... 42
Cahoone, Geo. H., Co. ... 46
Carrington & Co. ... 36
Carter, Howe & Co. ... 37
Chatham National Bank ... 76
Chopard Frères ... 58
Cohen, Jules E. ... 66
Conley & Straight ... 133
Cooper Diamond Co. ... 60
Cottle, S., Co. ... 38
Crohn, M. ... 43
Cross & Beguelin ... 47, 74
Crossman, Chas. S., & Co. ... 66
Crossman Co. ... 64
Crouch & Fitzgerald ... 34
Dattelbaum & Friedman ... 34
Day, Clark & Co. ... 37
Deacon, Louis J. ... 66
Dederick, James H., Sons ... 133
Dejasse Mfg. Co. ... 42
De Selms Watch School ... 111
Diamond Point Pen Co. ... 134
Didisheim, Hipp., & Bro. ... 108
Donnelly, J. J. ... 133
Doran, Bagnall & Co. ... 45
Dorflinger, C., & Sons ... 126
Dorst & Co. ... 92
Dubois Watch Case Co. ... 111
Duffner & Kimberly Co. ... 128
Dulk, Robert ... 66
Durand & Co. ... 36
Durgin, Wm. B., Co. ... 42
Eden, C. H., Co. ... 136
Eichberg & Co. ... 66
Eisenmann Bros. ... 62
Elgin National Watch Co. ... 104
Eliassof Bros. & Co. ... 136
E. P. H. Chain Catch ... 131
Eppenstein, L. A., & Co. ... 86
Fahys, Joseph, & Co. ... 1
Fairchild & Co. ... 133
Feeley, W. J., Co. ... 44
Fieberg Mfg. Co. ... 98
Forman Co. ... 130
Forsinger, J. W. ... 109
Foster Theodore W., & Bro. Co. ... 48
Fox, Gustave, Co. ... 31
Freund, Henry, & Bro. ... 41
Friedlander, R., L. & M. ... Outside back cover
Garreaud & Griser ... 66
Gebhardt Bros. ... 90
Gesswein, F. W., Co. ... 122
Ginnel, Henry, & Co. ... 58
Goldsmith, C. P., & Co. ... 29
Goodfriend Bros. ... 66
Gorham Co. ... 72
Griffoul, August ... 133
Gruen, D., Sons & Co. ... 30
Guardian Trust Co. ... 76
Guerin, Wm., & Co. ... 126
Hagstoz, T. B., Ltd. ... 133
Hamilton & Hamilton, Jr. ... 9
Hammel, Riglander & Co. ... 94
Hand, J. L. ... 94
Hanson & Van Winkle Co. ... 135
Harris & Harrington ... Outside back cover
Harrison, W. W. ... 26
Hasselbring, John ... 43
Hedges, A. J., & Co. ... 36
Hedges, Wm. S., & Co. ... 62
Heintz Bros. ... 41
Heller, L., & Son ... 56
Herpers Bros. ... 122
Hirshberg, A. S. ... 130
Hodenpyl & Walker ... 56
Hoe's, James C., Sons ... 134
Holsman & Alter ... 92
Hotel St. James ... 42
Howard, E., Clock Co. ... 111
Hraba, Louis W. ... 130
Humphrey, John B., Co. ... 62
Hutchison & Huestis ... 44
Illinois Watch Co. ... 8
International Gem Co. ... 68
International Silver Co. ... 17, 18, 19, 20
Jacot Music Box Co. ... 136
Jeandheur, F., Jr. ... 133
Jeanne, Frederick A. ... 64
Jewelers' League ... 98
Johnston, W. J., Co. ... 10, 11
Juergens & Andersen Co. ... 80
Juergensen, Jules ... 108
Kahn, L. & M., & Co. ... Outside back cover
Keck, Herman, Mfg. Co. ... 80
Keller Jewelry Mfg. Co. ... 12
Kent & Woodland ... 70
Keppler, George ... 122
Ketcham & McDougall ... 122
Keystone Watch Case Co. ... 106
Kohlbusch, Herman, Sr. ... 133
Kohn, Alois, & Co. ... 35
Kohn & Co. ... 41
Koshland & Italie Co. ... 110
Krower, Leonard ... 35
Kuehl, Geo., & Co. ... 113
Lackner & Ohl ... 39
Langendorf Watch Co. ... 108
Larter & Sons ... 50
Lederer, S. & B., Co. ... 45, 46
Leimann Bros. ... 134
Lelong, L., & Bro. ... Outside back cover
Leon Watch Case Co. ... 112
Levy, Chas. M. ... 39
Levy, Robert ... 24
Lewy & Cohen ... 100
Lisner, D., & Co. ... 31
Lissauer & Co. ... 68
Loeb, Wm., & Co. ... 45
Lorsch, Albert, & Co. ... Outside back cover
Loth, Joseph, & Co. ... 98
Lowe, Edwin, & Co., Inc. ... 45
Luthy & Hine ... 38
Lyons Gem Co. ... 56
Maebert & Reiss ... 111
Maple City Glass Co. ... 126
Market & Fulton National Bank ... 76
Martin, S. ... 122
Mercantile National Bank ... 77
Meriden Britannia Co. ... 20
Meyerowitz Bros. ... 92
Miller, Fuller & Whiting ... 131
Miller Jewelry Co. ... 90
Monroe, R. G., & Co. ... 62
Moore & Sons ... 35
Morgan, John, Sons ... 130
Mount & Woodhull ... 64
Myers S. F., Co. ... 45
Nassau Bank ... 69
Nebeling, Edmund R. ... 40
Newburgh, R. ... 108
Nissen, Ludwig, & Co. ... 64
Noel, Rudolph, & Co. ... 86
Noterman, Jos., & Co. ... 54
Ohan, G. ... 111
Oliver Typewriter Co. ... 132
Omega Watches ... 109
Oneida Community, Ltd. ... 21, 22, 23
Oppenheimer Bros. & Veith ... 54
Oppenheimer, H. E., & Co. ... 54
Oriental Bank ... 76
Oskamp-Nolting & Co. ... 126
Osmun-Parker Mfg. Co. ... 36
Osthy & Barton Co. ... 33
Parks Bros. & Rogers ... 28
Paroutaud & Watson ... 128
Patek, Philippe & Co. ... 108
Percival, D. C., & Co. ... 78
Pitcairn, W. S. ... 126
Potter & Buffinton Co. ... 41
Pouyat China ... 128
Power, Chas. L., & Co. ... 62
Price, Cyrus, & Co. ... 56
Prior, Charles M. ... 98
Pryibil, P. ... 134
Pryor Novelty Co. ... 42
Racine, Jules ... 111
Reichhelm, E. P., & Co. ... 122
Renziehausen, W. F., Co. ... 133
Revell, A. H., & Co. ... Outside back cover
Richardson, Enos, & Co. ... 38
Ries & Armstrong ... 111
Ries, G., & Bro. ... 132
Riviere Brass & Bronze Works ... 130
Rockford Watch Co. ... 111
Roger Williams Silver Co. ... 43
Rohrbeck, John E. ... 43
Roseman, A. ... 56
Rothschild Bros. & Co. ... 40
Roy Watch Case Co. ... 110
Rudlen, J. W., & Co. ... 134
Rudolph & Suedeker ... 108
Rumpp, C. F., & Sons ... 132
Saart, W. H., Co. ... 45
Saunders, Meurer & Co. ... 62
Scharling & Co. ... 43
Schiff, M. ... 35
Schultz, Leiss & Co. ... 30
Schwab, A. G., & Bro. ... 88
Scofield & De Wyngaert ... 38
Sessions Clock Co. ... 112
Shafer & Douglas ... 35
Siegel, Rothschild & Co. ... 132
Simmons, R. F., Co. ... 25
Simpson, Hall, Miller & Co. ... 18, 19
Smith, Alfred H., & Co. ... 52
Smith, Frank W., Co. ... 14
Smith, Wm., & Co. ... 43
Snow & Westcott ... 56
Sohn & Hyman ... 68
Solidarity Watch Case Co. ... 47
Spencer, E. L., Co. ... 46
Staninger, E. E. ... 40
State Bank ... 76
Steiner, Louis ... 130
Stern Bros. & Co. ... 66, Inside back cover
Sternau, S., & Co. ... 28
St. Louis Watchmaking School ... 111
Strauss, Ignaz, & Co. ... 131, Outside back cover
Street, Geo. O., & Sons ... 36
Sussfeld, Lorsch & Co. ... 113
Swartchild & Co. ... 88
Tavannes Watch Co. ... 100
Thomas, Seth, Clock Co. ... 112
Trenton Watch Co. ... 110
Trout, Chas. L., & Co. ... 34
Tuska, A. L. ... 126
Van Dam, Eduard ... 60
Van Pelt, T. B. ... 130
Wadsworth Watch Case Co. ... 6, 7
Wagner Mfg. Co. ... 40
Waite-Thresher Co. ... 27
Waltham Watch Co. ... 102
Washburn, C. Irving ... 34
Weizenegger Bros. ... 42
Wells, Chester H. ... 40
Wendell & Co. ... 5
Western Clock Mfg. Co. ... 112
Wheeler, Hayden W., & Co. ... 54
Whiting & Davis ... 32
Whiting Mfg. Co. ... 15
Wightman & Hough Co. ... 45
Witsenhausen, L. ... 34
Wodiska, Julius ... 62
Wolfsheim & Sachs ... 135
Wood C. F., & Co. ... Outside back cover
Wood J. R. & Sons ... 2, 3
Woodside Sterling Co. ... 16

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Situations Wanted.

YOUNG MAN, 18, experienced, wishes good position with wholesale jewelry house; references. Address "D., 7976," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN with highest references, is open for position; 20 years experience in south and far west. "H. S.," 98 Columbus Ave., New York.

POSITION WANTED, by jewelry salesman, in retail store until Jan. 1; experienced; can furnish best of reference. Address "Z., 7970," care Jewelers' Circular-Weekly.

ASSISTANT BOOKKEEPER; young man with good knowledge of bookkeeping, wishes position; moderate salary to start. Address "G., 7992," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing jeweler, of business ability, wishes position as foreman or assistant foreman of factory; references. Address "Ability, 7840," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, desirous of making a change Jan. 1; south or middle west; 10 years' experience; can furnish A1 references. Address "P., 7969," care Jewelers' Circular-Weekly.

DESIGNER and modeler; first class on sterling hollow ware and novelties, also other metals; artistic and practical, desires engagement. Address "Immediate, 8010," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

YOUNG MAN, 24, desires position as salesman in jewelry or stone house; five years' experience; two years on the road; can furnish excellent references. Address "T., 7982," care Jewelers' Circular-Weekly.

BY YOUNG MAN, 27; two years' experience; best references; small tools; no engraver; use a trial case; Washington or Oregon preferred. "N., 7952," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

YOUNG MAN, 24, experienced retail jewelry salesman, desires steady position; best references; moderate salary; Brooklyn store preferred. Address "Brooklyn, 7939," care Jewelers' Circular-Weekly.

EXPERIENCED salesman desires to connect with first class house, for New York, Boston, Philadelphia, Washington and Baltimore; sterling silver line preferred. Address "A., 7995," care Jewelers' Circular-Weekly.

YOUNG MAN, with four years' experience, wants position as watchmaker, in Georgia, Alabama or Florida; no bad habits, and can give good reference; willing to help in store. Address "B., 7987," care Jewelers' Circular-Weekly.

ALL AROUND MAN, of 40 years, watchmaker, jeweler, optician and salesman, wants a position as salesman and optician; willing to help in all branches; New York or Detroit, Mich., preferred. Address "X., 7873," care Jewelers' Circular-Weekly.

FIRST CLASS saleslady, employed for past five years in retail jewelry line, desires position with wholesale house; understands business thoroughly; also knowledge of bookkeeping; first class reference. Address "K., 7936," care Jewelers' Circular-Weekly.

FIRST CLASS jeweler, with long experience in fine diamond jewelry, also A1 designer and thoroughly familiar with alloying and refining of gold, is open for engagement as foreman or designer. Address "Reliable, 7946," care Jewelers' Circular-Weekly.

WANTED, position in wholesale or retail house, by active and reliable man; long experience in the watch, jewelry, silverware, optical goods, watch material and jewelers' supply business; best of references. Address "L., 7994," care Jewelers' Circular-Weekly.

SALESMAN of experience, well acquainted with the large buyers as well as the general trade east of Chicago, wishes to connect with a manufacturer; at present employed; good reasons for desiring change; would consider offer for this season or Jan. 1; A1 references; straight salary or salary and commission. Address "H., 7693," care Jewelers' Circular-Weekly.

ENERGETIC man with 14 years' experience in manufacturing highest grade of sterling silver hollow ware, and with a fund of valuable ideas, who can also sell goods to the best jewelry trade, desires a connection Jan. 1, with a concern who can use him, both in factory and on road; high class references given. Address "Energetic, 8011," care Jewelers' Circular-Weekly.

EXPERIENCED MANAGER, for wholesale jewelry business; competent to take entire charge; desires a position where faithful services will be appreciated; highest references. Address, "S., 7968," care Jewelers' Circular-Weekly.

A THOROUGHLY practical and competent watchmaker, of 24 years' experience, desires to change position, near New York State, with a first class retail firm; good light; competent to take full charge of repair department; expert in watch repairs; experienced on railroad and complicated work; graduate and practical optician for nine years; good jeweler and engraver; salary, $25 to $30; best references. "J., 7932," care Jewelers' Circular-Weekly.

Side Lines Wanted.

SIDE LINE of mounted combs, for retail jewelry trade; west. "Manufacturer, 7934," care Jewelers' Circular-Weekly.

WANTED, line of gold jewelry, to handle in conjunction with high grade diamond line of rings and brooches; call on best trade in Brooklyn and Long Island. Staiger & Sons, 926 Broadway, Brooklyn, N. Y.

Help Wanted.

WANTED, watchmaker who is a good engraver; salary, $18. Harry Engle, Trenton, Mo.

WANTED, at once, watchmaker and engraver; $40 per week. Geo. F. Blakeslee, Tonopah, Nev.

WANTED, first class watchmaker; $35 per week; wire answer. Walter A. Lord, Goldfield, Nev.

WATCH, clock and jewelry repairer; state age, reference, salary, etc. M. A. Selbert, Frankfort, Ky.

ENGRAVER wanted; permanent position for a first class man. Jaccard Jewelry Co., Kansas City, Mo.

WANTED, at once, a good clock repairer. Address Daniel Pratt's Son, 53 Franklin St., Boston, Mass.

WANTED, a salesman to carry a side line of 14K. goods on commission. "K., 7953," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

AT ONCE, watchmaker and engraver; permanent position to a good man. "M., 6849," care Jewelers' Circular-Weekly.

WANTED, a young, experienced man as salesman in retail store. Address "L. B., 7951," care Jewelers' Circular-Weekly.

FIRST CLASS watchmaker and engraver at once; $25 per week; permanent position if satisfactory. August Jacobs, Quincy, Ill.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

FIRST CLASS WATCHMAKER and optician wanted; steady position; good salary. L. Lippman, 1410 11th Ave., Altoona, Pa.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

YOUNG MAN, as jeweler and clockmaker, attend to store and make himself useful. Joseph Maier, 853 Manhattan Ave., Brooklyn, N. Y.

WANTED, assistant watchmaker; any nationality will do, if he can do good work; nine hours; steady place. E. E. Esterly, Duluth, Minn.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

MAN to work on French clocks and general jewelry repairs; state age and wages desired. E. R. Mason, 69 Court St., Binghamton, N. Y.

WANTED, first class stone setter; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, a young man, experienced in the wholesale jewelry line; good salary to right party. Fred Kaufman, 565 Broadway, New York.

FIRST CLASS designer of metal church goods wanted; address stating age and experience. Benziger Bros., 100 DeKalb Ave., Brooklyn, N. Y.

WANTED, a man with some capital, acquainted with the trade that uses fine mountings. Address "Moderate, 7785," care Jewelers' Circular-Weekly.

WANTED, at once, watchmaker and engraver; must have good reference; send copy of reference when answering. J. W. Jones, Mt. Sterling, Ky.

WANTED, an experienced young lady in the wholesale jewelry line; good salary to right party. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, manufacturing jeweler for steady position; give full particulars and state salary wanted in first letter. Andrew Wilson, Winfield, Kans.

CLOCKMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Ala.

WANTED, at once, first class watchmaker and engraver, or watchmaker only; state full particulars; will pay good wages. Address P. G. Diener, Harrisburg, Pa.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WATCHMAKER permanent position and good wages to right party; state wages expected and send references in first letter. Reid & Todd, Bridgeport, Conn.

WANTED, a first class jeweler and engraver; permanent position; send reference and state salary in first letter. G. W. Meyer Jewelry Co., Chattanooga, Tenn.

WANTED, an engraver and jeweler, for one of the largest cities in Tennessee; good wages to right party. Apply, Heyman & Kramer, 65 Nassau St., New York.

WATCHMAKERS; those accustomed to high grade work; send references and state wages expected. J. E. Caldwell & Co., 902 Chestnut St., Philadelphia, Pa.

WANTED, watchmaker, jeweler and engraver, at once; nice locality; easy hours; position permanent; will pay good salary to good man. L. J. Schaul, Augusta, Ga.

WATCHMAKER and engraver; references required; permanent position; must be able to wait on trade; wages, $18 per week. W. F. Kaiser, Brownsville, Pa.

WANTED, first class watchmaker; one able to do clock and jewelry repairing preferred; wages, $15 to $18; must have best references. W. B. Fisher, Mt. Kisco, N. Y.

HELP WANTED.—Continued.

WANTED, salesman and engraver of good address, etc., and a convincing talker; one from an up-to-date small store preferred. O. L. Wuerker, Los Angeles, Cal.

FIRST CLASS salesman wanted for cut glass line; one acquainted with trade in central States. Apply Taylor Bros. & Co., Inc., 3d and Cambridge Sts., Philadelphia, Pa.

WANTED, at once, a thoroughly good jewelry repairer; swift and accustomed to fine work; steady position to the right man. Parker & Van Cleve, Morristown, N. J.

WATCHMAKER WANTED, a first class man, used to receiving and delivering, to work at front bench. Address or apply to Rowe Bros., 28 Washington St., Chicago, Ill.

ENGRAVER and jeweler, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WANTED, salesman about to travel south or west, to handle a 10K. line of jewelry as a side line, by an old established firm. Address Philipp Thoma, 21 John St., New York.

WANTED, for one of the largest cities in Virginia, first class jeweler; good wages and steady position to right party. Apply Heyman & Kramer, 65 Nassau St., New York.

WANTED, watchmaker; permanent place; good pay; also man on clocks; give references and pay expected in first letter. M. Sickles & Sons, 726 Chestnut St., Philadelphia, Pa.

WANTED, for one of the largest cities in Virginia, first class engraver; good wages and steady position to right party. Apply Heyman & Kramer, 65 Nassau St., New York.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WANTED, for one of the largest cities in Virginia, first class watchmaker; good wages and steady position to right party. Apply, Heyman & Kramer, 65 Nassau St., New York.

WATCHMAKER and engraver; permanent position and good wages to competent man; send sample of engraving and references in first letter. Reid & Todd, Bridgeport, Conn.

WANTED, first class watchmaker and engraver; salary, $25 a week; permanent position; send samples of engraving and copy of reference in first letter. Address J. Levinski, Waco, Tex.

A FIRST CLASS watchmaker, jeweler and engraver; don't answer unless you are good all around workman, sober and honest; best references. Henry Taubman, St. Johnsville, N. Y.

WANTED, a good jeweler and engraver; steady position and good wages to the right party; send references and salary expected in the first letter. G. A. Hauserman, 214 Main St., Paterson, N. J.

WE WANT at once, a competent man who is a combination watchmaker and engraver; send references and samples in first letter and state salary wanted. D. B. Ryland & Co., Lynchburg, Va.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, watchmaker and engraver, who can do neat monogram and script work; need not necessarily be fine watchmaker; $15 per week. Address Beach-Thrie Jewelry Co., Rock Hill, S. C.

WANTED, a first class watchmaker and engraver; steady position and good wages to right party; send references and state salary expected in first letter. Hauserman's, 214 Main St., Paterson, N. J.

WANTED, young lady having good experience as jewelry saleslady, for out-of-town position; must furnish very good references; good salary; answer by letter. "B. V.," 401 Broadway, New York.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

GOOD WATCHMAKER wanted, for steady work in Greater New York; send reference and salary wanted, in first letter, also extent of your ability. "C. O., 7940," care Jewelers' Circular-Weekly.

WANTED, at once, first class watchmaker and engraver; permanent position to right man; state experience, salary, age and references; also samples of engraving in first letter. John Rich, Painesville, O.

WANTED, salesman for Iowa; engagement for Jan. 1; good position for an experienced, A1 man, who knows this territory; address, giving full particulars. Otto Young & Co., Heyworth Bldg., Chicago, Ill.

WANTED, jewelry manufacturer or repairer, who can set diamonds; one with knowledge of enameling preferred, and who can take charge of small shop. Address "K. S., 8004," care Jewelers' Circular-Weekly.

WANTED, first class jeweler and engraver on new and repair work; salary, $25 a week; large city in Texas; send samples of engraving and copy of reference in first letter. Address "T., 7802," care Jewelers' Circular-Weekly.

WANTED, a first class engraver and optician; must have the best of references; good salary and permanent situation for the right man; give full particulars in your letter. Address "S. B. S., 7885," care Jewelers' Circular-Weekly.

WANTED, salesman, resident of Philadelphia; salesman to drum Philadelphia and Pennsylvania; only those having trade need answer; state salary and reference. Address "K. R., 7965," care Jewelers' Circular-Weekly.

WANTED, in first class store in Pittsburg, Pa., a young man to take charge of clock repairing; must have knowledge of French clocks and hall clocks; state experience. Address "X. Y. Z., 7818," care Jewelers' Circular-Weekly.

MANUFACTURING JEWELER of better grade goods, with established business, is looking for an experienced salesman acquainted with jobbing trade, who will invest about $10,000. Address "K. T., 7938," care Jewelers' Circular-Weekly.

WANTED, first class jeweler and engraver, at once; permanent position and good wages. Chas. F. Sentz, Columbia, S. C.

WANTED, a good all around man, for retail store; $25 per week; send references as to reliability, your ability and when you will come, as I might wire you; do not answer unless you wish a permanent job. E. F. Confarr, Livingston, Mont.

WANTED, at once, a first class watchmaker; a man capable of waiting on trade; one who does stone setting; steady position to the right man; good wages; must have the highest references. Address "H. G. S., 7901," care Jewelers' Circular-Weekly.

WANTED, a reliable man who can engrave, and who is either a watchmaker, clockmaker, jeweler or optician; one who will act as salesman when not otherwise engaged; permanent position; salary, $20 to $22. Address "F., 7958," care Jewelers' Circular-Weekly.

OFFICE MAN, thoroughly experienced with manufacturing diamond mounting line; good penman; accurate; quick conception; good position for right man; one not afraid of hard work; state salary and experience. Address "U., 7998," care Jewelers' Circular-Weekly.

WANTED, at once, first class monogram and letter engraver; one who can also assist at watch repairing; salary to start, $22 per week; permanent position; send reference and sample of engraving with first letter. W. F. Fisher & Bro. Co., Jewelers, Chattanooga, Tenn.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED; traveling salesman contemplating making a change Jan. 1, will do well to communicate with us, as we are going to increase our force; good opportunity and compensation for high class men who have made good elsewhere. Apply Otto Young & Co., Heyworth Bldg., Chicago, Ill.

WANTED, between now and Jan. 1, watchmaker, engraver and jeweler with some knowledge in optics and good salesman; single man; own watchmaker's tools; full particulars in first letter; sample engraving; good salary; permanent position; only first class men need apply. C. L. Freeman, care Thoma Bros., Cincinnati, O.

WANTED IMMEDIATELY, good all around man, for Illinois town of 10,000; must be good watch, clock and jewelry repairer, also fair engraver; easy work; no late hours; salary $15 to start; single man can room at store and save room rent; must have own tools; sample of engraving in first letter; no sport need apply. Address J. R. Kemp, General Delivery, Paris, Ill.

TRAVELER WANTED; first class traveler with established trade in New York and Pennsylvania, to sell a manufacturer's line of solid gold rings; for engagement January 1st next. Queen City Ring Mfg. Co., Buffalo, N. Y.

TRAVELING SALESMEN in the jewelry or kindred trades, to represent the Jewelers' League of New York, while on the road, as a side line; liberal commissions allowed; for full particulars call at the home office, 12 John St., New York.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

WANTED for next January, an experienced traveling salesman, with established trade, in Pennsylvania, Ohio and Michigan, to sell American watches and diamonds; all correspondence will be confidential. Smith & North, 14 Maiden Lane, New York.

IF YOU are looking for as fine a Winter climate as can be found, if you are a first class engraver and watchmaker you can have a permanent position with good wages, by sending your references and a sample of engraving. The Crescent Jewelry Store, Phoenix, Ariz.

WANTED, salesman of ability, acquainted with jobbing and department store trade in New York and middle west, for gold, silver and plated line, by a well known manufacturer; right salary to the right man; correspondence strictly confidential. Address, "E., 7989," care Jewelers' Circular-Weekly.

Business Opportunities.

FOR SALE, old established jewelry store, on account of death; stock valued at $11,000; on a main street, doing a good business. Address "A. D., 7988," care Jewelers' Circular-Weekly.

GREAT OPPORTUNITY; an established, well known optical business for sale on one of the best business streets of New York City. Address "F. A., 7980," care Jewelers' Circular-Weekly.

FOR SALE, an old established jewelry and repair business, in a live city on southwestern shore of southern Michigan; it will bear the closest inspection; reason for selling, ill health. Address Norris, Alister & Co., Chicago, Ill.

QUICK ACTION by corresponding with us; we buy your entire stock; or send us your surplus stock of watches and diamonds; we originated this method and have twenty years of quick action and good service to our credit. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE; one of the most progressive and profitable retail jewelry stores in the middle west, is offered for sale; owner retiring; modern fixtures; clean stock; established trade of over $20,000 annually; railroad inspection; about $8,000 required if taken at once; this is an unusual opportunity. Address "Personal," care J. W. Forsinger, Wholesale Jeweler, Chicago, Ill.

FOR SALE, in a city of 90,000, a 23 years established business, including an up-to-date stock, fixtures, etc.; the store is very light and spacious, and for an enterprising firm, it will be a fine investment; there will be no charge for good will; will remain with purchaser until Jan. 1, 1907, to introduce him to the trade; retirement from business is the motive for selling out; every one but triflers apply. Isaac Brush, 207 State St., Bridgeport, Conn.

(Special Notices continued on page 98.)

Special Notices.

(Continued from page 97.)

BUSINESS OPPORTUNITIES Continued.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway Brooklyn, N. Y., or Tel. 2328, Williamsburg.

Reward.

I WILL PAY $20 reward for a solid gold hunting case that was taken from my watch rack; solid gold hunting case, key wind, engine turn, and engraving almost worn off; No. 7934; about 16 size. J. W. Jones, Mt. Sterling, Ky.

For Sale.

TYPEWRITER; New Century No. 6, in first class condition; used only a short time; it's a snap for anyone needing a typewriter; can be seen in Room 53, 11 John St., New York.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane. Room 53, New York

TO LET, part of fine office, for manufacturer's representative. Room 1308, 9-13 Maiden Lane, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

TO LET, small office; north light; low rent; suitable for manufacturing jeweler's representative, precious stone dealer or kindred business. "W. H. H.," Room 44, 7 Maiden Lane, New York.

TO LET, desk room or part of desirable office, in modern office building in Chicago; suitable for manufacturing jewelers' agent. Address "K, 7944," care Jewelers' Circular-Weekly, 103 *State St., Chicago, Ill.*

Wanted to Purchase.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, establsihed 1880, 3 Maiden Lane, New York.

Miscellaneous.

JEWELRY NOVELTIES WANTED; we want reliable novelties for premiums which we give to dealers (not consumers), who buy from us; articles that sell from $2 to $10 preferable; we use large quantities during the year; call or write; ask for Ballou. Ballou-Dickson Co., Wall Paper Dealers, 18-20-22 West 18th St., New York.

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Investigate the table of rates, which allows maximum insurance at minimum cost, and which rates are payable monthly, thereby making the insurance easy and convenient to carry. Age limit of applicants, 21 to 44 years.

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TO LET.

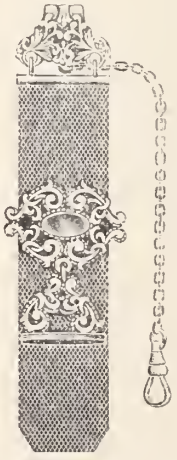
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DESIGNS

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PATENT DEPARTMENT

[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF OCT 9, 1906.

832,743. EYEGLASSES. Frederick W. Nolte, Victoria, British Columbia, Can. Filed Aug. 28, 1905. Serial No. 276,104.

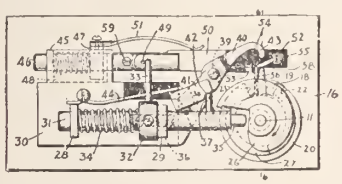
In eyeglasses a hollow bridge, a wire forming



a spring, and rigidly held at one end within the bridge; and a nose-piece connected with the wire.

832,747. ELECTRIC CLOCK-WINDING MECHANISM. George H. Rupley, Schenectady, N. Y. Filed July 14, 1905. Serial No. 269,623.

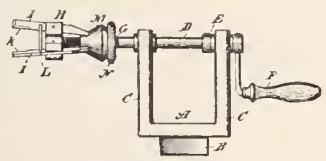
The combination with clock mechanism, of means for automatically winding the same comprising an electric motor, means for closing the circuit of said motor to wind said mechanism after a predetermined amount of spring is uncoiled, means



whereby said spring further uncoils a predetermined amount to drive said clock mechanism upon the failure of said motor to operate, and means whereby the energy expended by the said further uncoil is immediately restored when the motor operates.

832,810. WATCHMAKER'S TOOL. Willis S. Richardson, Newark, N. J. Filed Nov. 15, 1905. Serial No. 287,444.

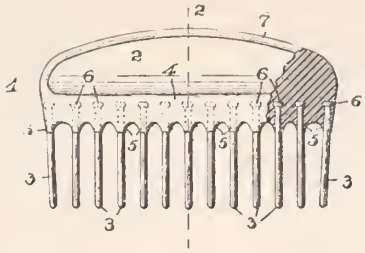
A watch-winding tool having in combination a support, a shaft rotatable therein, having one end threaded and the opposite end provided with means whereby it may be rotated, a plate fastened to the extremity of the shaft and provided with radial



extensions, said extensions having inwardly-extending slots, winding-arms pivotally mounted between their ends in said slots, a unitary expending member engaging with each of the arms and expanding their operating ends in unison, and a follower on the threaded portion of the shaft adapted to operate the inner ends of the arms to cause the outer ends of said arms to engage the crown of a watch.

832,864. COMB. David C. Lockwood, Newark, N. J., assignor to the Rubber & Celluloid Harness Trimming Co. Filed Oct. 30, 1905. Serial No. 284,982.

The herein-described comb, comprising a main body, formed with an enlarged lower portion and downwardly-deepening members, all made from a plastic material, a metal tooth extending from each downwardly-depending member, and the upper



portion of each tooth being embedded in said enlarged lower portion of said plastic material.

832,887. GEM-SETTING FOR JEWELRY. Charles T. Wittstein, Newark, N. J. Filed Nov. 29, 1905. Serial No. 289,594.

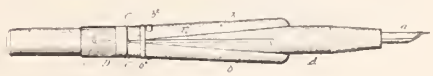
A gem-setting having a holding-arm, having near



its upper end and at its inner face a shoulder or bearing for the stone, and having above said bearing an end portion cupped at its inner face and adapted to be bent over upon the stone.

832,981. CAP FOR FOUNTAIN-PENS. William R. Kennedy, Washington, D. C. Filed June 9, 1906. Serial No. 321,033.

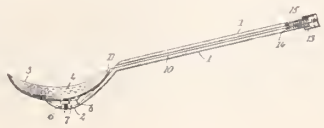
In combination with a fountain-pen, a laterally-



opening cap or closure movable longitudinally thereon.

832,992. BEVERAGE-SPOON. Henry Morgan, Cripple Creek, Colo., assignor of one-half to Charles Fisher, Cripple Creek, Colo. Filed Dec. 16, 1905. Serial No. 292,058.

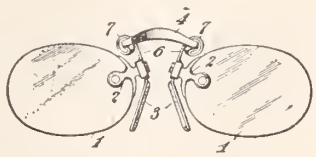
A beverage-spoon comprising a handle, a bowl having rotary connection therewith, means for



locking the bowl in open position with relation to the handle, and a spring for imparting a rotary movement to the bowl upon being released.

833,077. EYEGLASSES. Emil B. Meyrowitz, New York, to the Meyrowitz Mfg. Co. Filed Aug. 2, 1904. Serial No. 219,204.

A bridge for eyeglasses having a rigid body portion of flat resilient metal disposed with its greatest width in a plane parallel with the plane



of the glasses, said resilient metal having its extremities deflected into spiral coils with their greatest width normal to such plane of the glasses, said extremities being prolonged into terminal portions adapted to be connected to the usual glasses, and nose-guards depending from said terminal portions.

DESIGNS.

38,268. BADGE. Henry Waverly Johnson, Jr.,



and Thomas Calvin Cofer, Norfolk, Va. Filed June 28, 1906. Serial No. 323,965. Term of patent, 3½ years.

38,269. BADGE. Benjamin A. Richardson, Jr., Norfolk, Va. Filed Sept. 4, 1906. Serial



No. 333,273. Term of patent 3½ years.

38,270. BADGE. Junius R. Wilcox Norfolk,



Va. Filed Aug. 25, 1906. Serial No. 332,072. Term of patent 3½ years.

38,271. EYEGLASS-GUARD. George Johnston,



Detroit, Mich. Filed Nov. 9, 1905. Serial No. 286,614. Term of patent 14 years.

38,272. CLOCK-CASE. Edward Ehrle, New York, assignor to the Western Clock Co.,



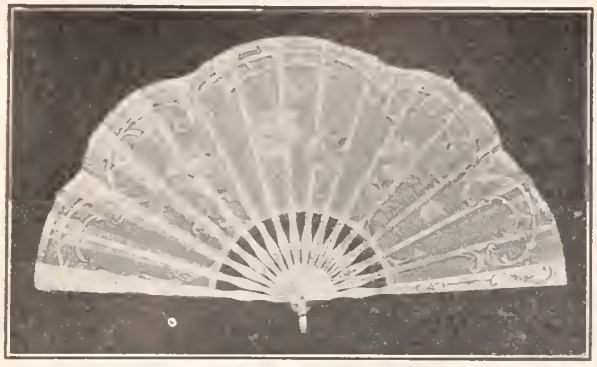
La Salle, Ill. Filed Aug. 23, 1906. Serial No. 331,799. Term of patent 7 years.

UNITED STATES TRADE-MARKS.

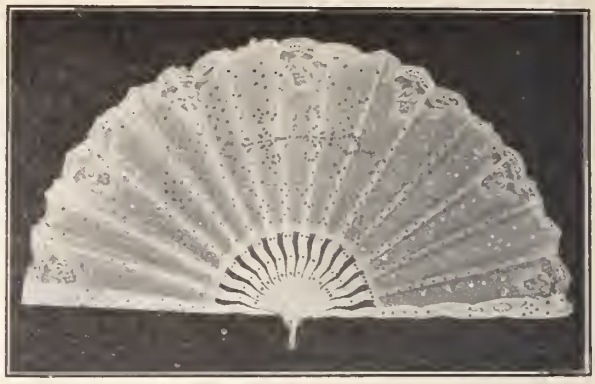
[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10



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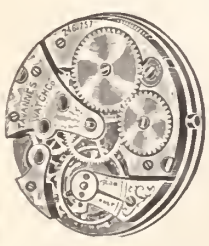
300 pages (size 7½x10½ inches), bound in cloth, stiff covers. Should be on every workbench.

Published by
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QUALITY COUNTS

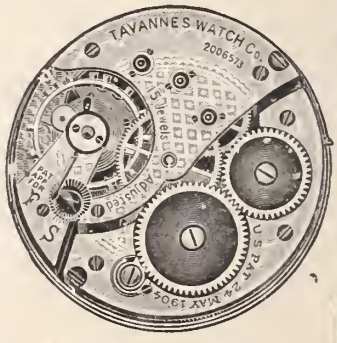
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years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED OCT 9, 1906.

Ser. No. **2,215.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) W. H. WILMARTH & Co., Attleboro, Mass. Filed April 19, 1905. Used 10 years.



Particular description of goods. Lever cuff buttons.

Ser. No. **3,157.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) REGNELL, BIGNEY & Co., Attleboro, Mass. Filed April 26, 1905.



Particular description of goods. Pins, bracelets, and chains.

Ser. No. **10,399.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) THE HORTON-ANGELL CO., Attleboro, Mass. Filed July 15, 1905. Used 10 years.

HA&CO

Particular description of goods. Sleeve-links, cuff-buttons, shirt-studs, collar-buttons and scarf-pins.

Ser. No. **14,146.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) THE WESTERN CLOCK MFG. CO., La Salle, Ill. Filed Nov. 9, 1905. Used 10 years.

AMERICA.

Particular description of goods.—Alarm-clocks.

Ser. No. **19,470.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) LOUIS MANHEIMER & BROS., Chicago. Filed May 12, 1906.

FEDERAL

Particular description of goods.—Watch movements and watch cases.

Ser. No. **19,737.** (CLASS 61. JEWELRY AND SOLID AND PLATED PRECIOUS-METAL WARE.) ZIRUTH-KAISER CO., New York. Filed May 21, 1906.

Z-K

Particular description of goods.—Gold chains.

Ser. No. **19,277.** (CLASS 67. PHARMACEUTICAL PREPARATIONS, PLASTERS AND PROPRIETARY AND VETERINARY

Opticure

MEDICINES.) NATIONAL EYE REMEDY CO. Blair, Wis. Filed May 4, 1906.

Particular description of goods.—An aqueous solution to be dropped into the eye as a cure of all commoner diseases of the eye.

TRADE-MARKS REGISTERED OCT. 9, 1906.

56,566. JEWELERS' SAWS. E. P. REICHHELM & Co., New York.
Filed Jan. 22, 1906. Serial No. 16,382. Published Aug. 14, 1906.

56,573. OPERA-GLASSES. MERRY OPTICAL CO., Kansas City, Mo.
Filed May 15, 1905. Serial No. 5,756. Published June 19, 1906.

56,574. OPERA-GLASSES. MERRY OPTICAL CO., Kansas City, Mo.
Filed May 15, 1905. Serial No. 5,757. Published June 19, 1906.

56,579. CERTAIN NAMED SPOONS, FORKS AND KNIVES. QUAKER VALLEY MFG. CO., Chicago.
Filed Nov. 18, 1905. Serial No. 14,800. Published June 26, 1906.

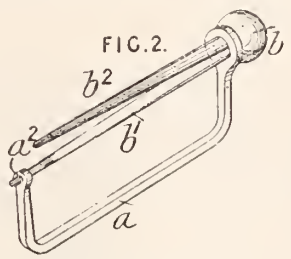
BRITISH PATENTS.

(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF SEPT. 26, 1906

11,304. HAIR-CURLERS. F. V. RAYMOND, Invercargill, New Zealand. May 30.

The curler *b* is formed with two tapering prongs b^1, b^2, which tend to spring apart and are of the relative length shown, so that when the curler is inserted in the holder *a* only the end of the prong b^1 engages with the hole a^2 in the holder. The



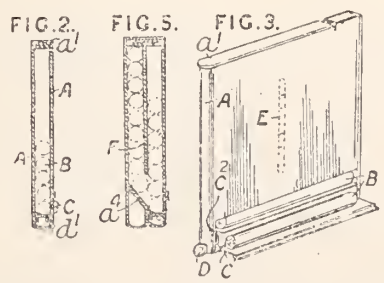
hair is inserted between the prongs while the curler *b* is located in the holder *a*, and the curler is turned by one hand while the holder is held by the other. On the completion of the operation, the curler is withdrawn endways from the holder and the hair, leaving the hair free from the holder. The curler *b* may be provided with more than one short prong b^2.

11,512. CELLULOID. A. BEHAL, Paris. June 1.

In the manufacture of celluloid, the whole or a part of the camphor is replaced by borneols, such as the mixture obtained by hydration of camphene. For example, one kilo of nitro-cellulose is moistened with alcohol, and about 500 grams of borneol, dissolved in 500-600 grams of ethyl acetate or other solvent of nitro-cellulose, are mixed with the nitro-cellulose, the solvent being then volatilized.

11,645. CIGAR, CIGARETTE OR MATCH BOXES. J. YARDLEY, Hockley, Birmingham. June 3.

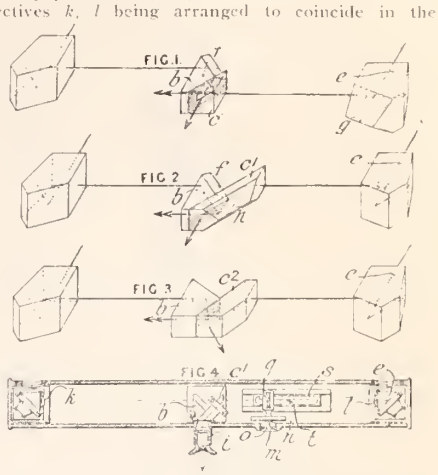
A box A, suitable for holding and delivering singly cigars, cigarettes, or matches B, is filled through the hinged lid a^1 and is further provided with an aperture in one of its broad sides, in



which is pivoted the shuttle C furnished with a flange C^2. On rotation of the part C by means of the knob D, a single cigar, etc., is ejected as shown in Fig. 3. The box may be provided with a slot E through which the contents can be viewed. In a modification, shown in Fig. 5, the box is formed to contain two rows of cigars, etc. For this purpose it is furnished with a partition F in which is an aperture, and also with a false bottom a^1.

11,726. TELEMETERS. A. KONIG, Yena, Saxe Weimar, Germany. June 5.

Relates to telemeters of the type in which the images produced by two objectives are brought into coincidence and viewed through a single eyepiece. A separating-prism *b*, *c*, Fig. 1, for preventing overlapping of the images, is used near the eyepiece *i*, Fig. 4, the force of the two objectives *k*, *l* being arranged to coincide in the



plane along which the two elements of the prism are cemented together. The incident faces of the prism are arranged perpendicular to the base-line, to enable intermediate prisms to be dispensed with. The parts of the plane of junction of the elements *b*, *c*, c^1, c^2, shown shaded are silvered to reflect light while the other parts are transparent, and the eyepiece may be arranged to receive the pencils of light from either element. One of the Prandl prisms *c* and one or both of the elements *b*, *c*, may be provided with two reflecting-faces separated by a ridge *g*, *f*, *h* as shown, by which means an erect image is produced. In the modification shown in Fig. 3, the prism element c^2 has two reflecting-faces, but an erect image is not produced. The two images are made to coinside by adjusting a prism *q*, Fig. 4, by means of a pinion *t* and a rack *s*. The range is indicated by an index *m* on a scale *n* viewed through a window *a*.

Complete specifications accepted Sept. 19, 1906, 1905.

12,045. TIME RECORDER. HAWLEY.

18,916. WATCH CASE. RICHARD & SMITH.

23,729. BROOCH FASTENING. FRASER 1906.

12,588. FOUNTAIN PEN. CELLULOID.
Applications filed Sept. 19 to Sept 15, 1906.

20,065. CANDLE-HOLDER. HUGH MENKES East Croydon, Surrey.

20,098. HAT-PIN. J. A. DICK, London.

20,105. ASH TRAY. A. G. WILDEY and HARRY BUTLER, London.

20,179. LOCK TOP FOR COLLAR BUTTONS, SOLITAIRES, ETC. W. H. RAMSAY Birmingham.

20,283. SUN DIAL. R. A. GREGORY, Chichester.

20,284. DIAL. R. A. GREGORY, Chichester.

20,342. COMBINED COMB AND BRUSH. JOHN THOMPSON and A. T. J. OPERITTI, Dundee.

20,352. HAIR CLASP. HANNAH C. FRASER, Glasgow.

20,353. TIMEPIECE. G. A. BURRIDGE, Birmingham.

20,356. CANDLESTICK. W. G. PE[illegible], Redlands, Bristol.

20,367. HAT FASTENER. HERBERT BENNETT London.

20,392. TEA OR COFFEE POT. A. L. FLOWER, London.

20,425. EYEGLASSES. A. B. SWALES and P. W. BURRIDGE, Birmingham.

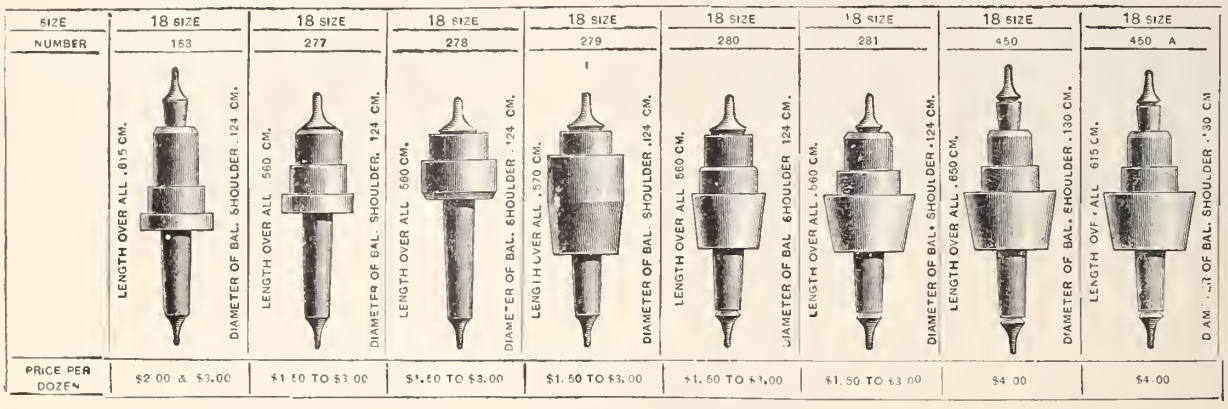
20,484. BUCKLE. THOMAS BOLAS, London.

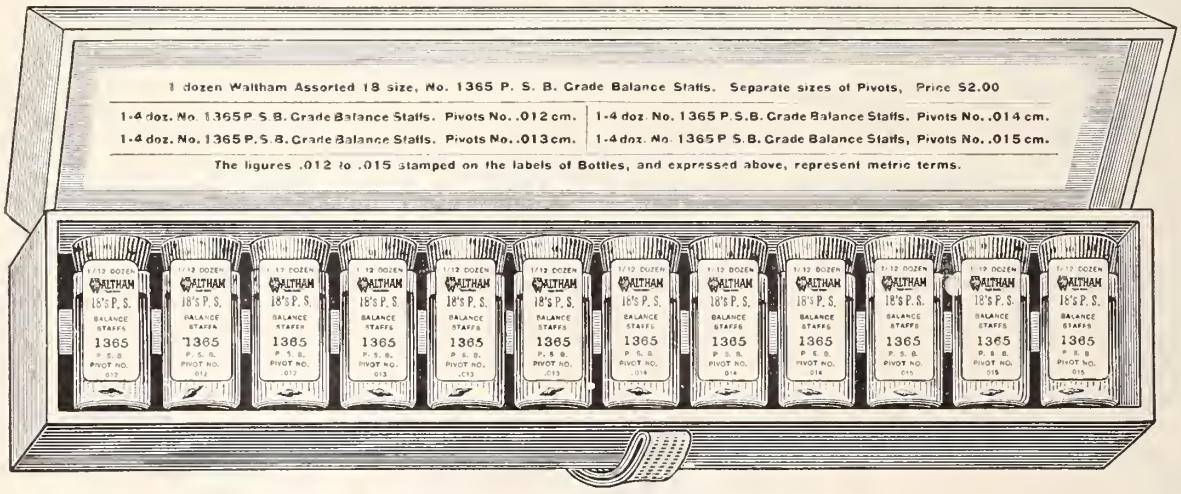
20,498. KEY RING. THOMAS WILCOX Birmingham.

20,499. DETACHABLE BUTTON. C. F. GAUNT, Birmingham.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





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7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade, .	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

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201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.



Escapements as Constructed by Various Horologists.

Translated for THE JEWELERS' CIRCULAR-WEEKLY, from the *Almanach de l'Horlogerie et de la Bijouterie.*

(*Continued from issue of Oct.* 10.)

THE Graham anchor escapement is for clocks, the simple escapement giving the best results. By a simple escapement we mean a mechanism composed simply of a wheel and of an escapement piece on which the regulator, balance or pendulum is fixed.

But, to give the results expected, the Graham escapement ought to work under a regular motive force, with a pendulum of sufficient length and of determined weight,

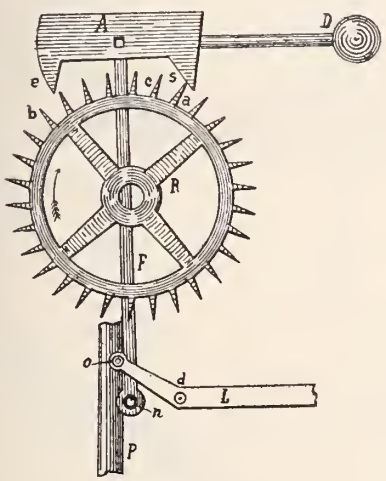


FIG. 10.

passing over small arcs of vibration. If these conditions, which generally are met with only in clocks of precision, are not combined (and this is what happens in almost all cheap timepieces), a lever escapement with a certain recoil will give the best results.

These considerations led Ruffert, a distinguished German horologist, to construct the escapement which we will describe, and which possess the advantage of acting on the pendulum with a force always constant, while correcting by recoil which may be modified at will the effect of the variation of the motor in intensity. This escapement is a single beat escapement—that is, there is an impulse only on one of the pallets of the lever. The entering pallet *e* (Fig. 10) has simply a locking face concentric with the pivoting point of the lever, and it has no incline and causes no impulsion. When the escapement is designed for a spring clock, this locking face is slightly eccentric, so that a more or less pronounced recoil occurs, which corrects the variation occasioned by the excess of motive force when the spring is wound up.

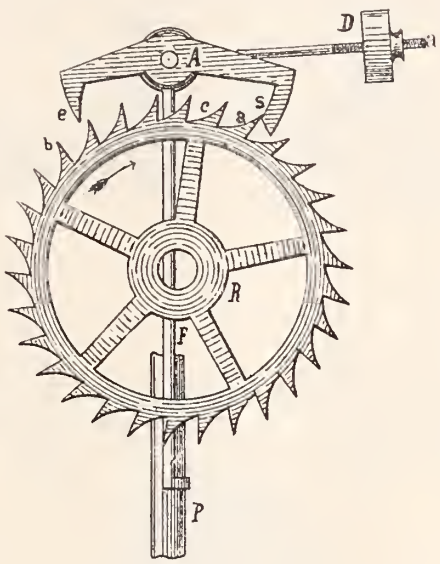


FIG. 11.

The exit pallet *s* is formed as in a recoil lever escapement. The fork F, so-called, which is in one piece with the lever A, is not properly a fork, for it does not have two branches between which the rod of the pendulum passes. It rests against this rod only by its pin *n* inserted perpendicularly. The contact between the pin of the fork and the rod of the pendulum is assured by the weight D, fixed to the lever on the side of the exit pallet. The course of the fork F is limited on the left by a pin *o*, fixed perpendicularly to the extremity of a lever L adjusted against the plate and pivoting friction tight at *d*. When the fork in its vibration from right to left meets this pin it is arrested, while the pendulum continues its course. Returning in the opposite direction—that is to say, from left to right—the pendulum drives before it the fork F. The tooth *a*, resting against the pallet *s*, adds its action to that of the *vis viva* of the pendulum to raise the weight D. This tooth afterwards escapes, and the tooth *b* is locked against the entrance pallet *e*. At this moment the weight D, being no longer under the influence of the tooth *a*, acts with all its weight to send back the pendulum to the left. This action of the weight constitutes the impulse, and the duration may be modified at will by the displacement of the pin *o*, which is moved by means of the lever L, against which the fork is stopped. The pin *o* permits also the adjustment of the recoil produced at the moment when the teeth come in contact with the exit pallet *s*. This recoil may be augmented by allowing the fork to pass over a larger course to the left.

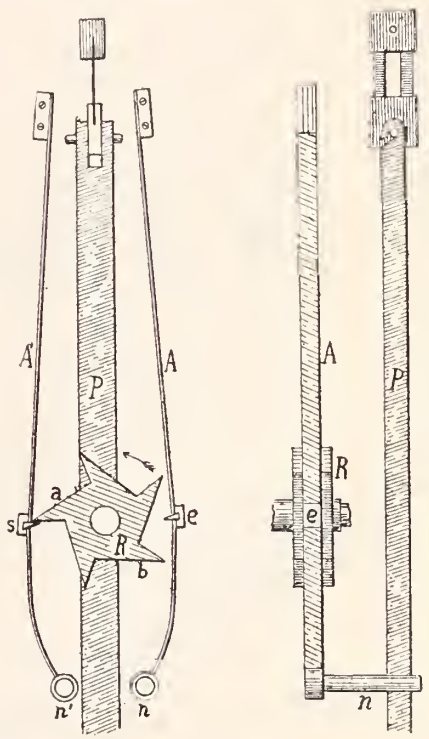


FIG. 12.

The duration of the oscillation of a light pendulum moving in large arcs and worked by a variable motive force may, therefore, be regulated with sufficient exactness. Thus



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—*BULWER-LYTTON.*

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this escapement has important advantages, and it ought to give good results.

Can this mechanism be classed among detached escapements? We think so, since the pendulum is in a certain measure independent of the lever.

This is not the case with the following escapement (Fig. 11), which is also a single beat escapement, since the entering pallet *e* has no impulse plane. The oscillations of the pendulum are sustained by the intermediation of the fork F, which acts under the action of the weight D. As in the preceding mechanism, this fork rests simply on one side of the pendulum rod, during the vibration from right to left. The exit pallet *s* is traced concentrically with the center of the lever, and the teeth undergo no recoil during the locking against this pallet.

The work of the teeth against the incline of the exit pallet *s* does not constitute an impulse. It has the effect, as we have already explained, of lightening the weight D at the moment when this weight is raised by the *vis viva* of the pendulum. This

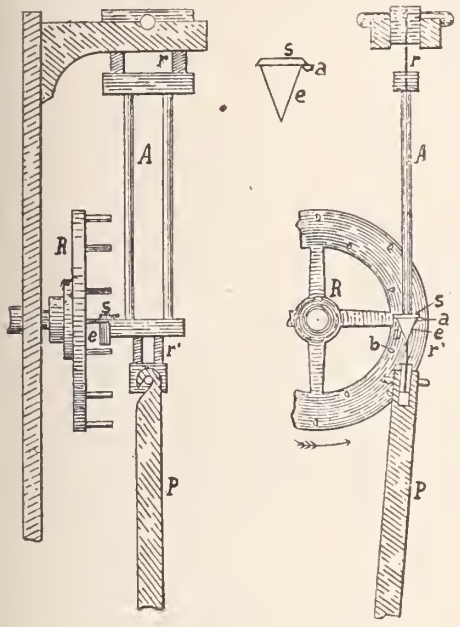


Fig. 13.

weight then acts with all its force to maintain the oscillation, and the intensity of the force may be regulated in a certain measure by moving it from or bringing it nearer the center of the lever.

We give in this class the very simple mechanism presented by the English horologist, Thomas Cole, at the Paris Exposition of 1855. This escapement borrows the principle of the gravity escapements, with the difference that the gravitation or weight is replaced by the tension of a spring. Illustration 12 represents this mechanism, in front and in profile. The wheel has five teeth, an arbitrary number, and the pendulum vibrates between two long springs, A and A^1, carrying locking pallets *e* and *s*.

We see the tooth *a* locked on the pallet *s* To reach this position the tooth must have slightly moved the spring A^1. The spring was then energized to a certain extent, and it is the action on the return of this tension which constitutes the impulse.

The pendulum, oscillating from right to left, reaches the pin n^1, attached to the extremity of the spring A^1. This spring will be moved still further than it has been by the tooth *a*, and this tooth will escape. On the return of the oscillation, the action of the spring A^1 may be exercised completely against the pendulum rod and communicate to it an impulse. But the disengagement of the tooth *a* has permitted the wheel to revolve, and the tooth *b* has entered into function by raising the spring A and has arrived at the stop *e*, whence it will be unlocked in its turn by the pendulum moving

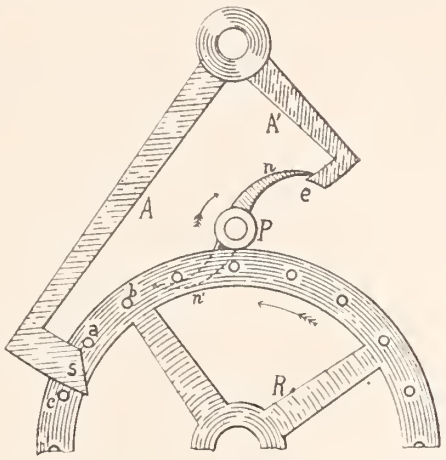


Fig. 14.

this spring by its action against the pin *n*. This mechanism has the advantage of great simplicity, and it is easy of execution.

A detached escapement of a different kind is presented in Fig. 13. This curious mechanism was contrived by a Bavarian chaplain, who thought he had found the ideal escapement. It recalls the escapement for watches which we presented in a previous series, in which the impulse is given by the teeth of the wheel acting on a triangular piece fixed to the arbor of the regulator.

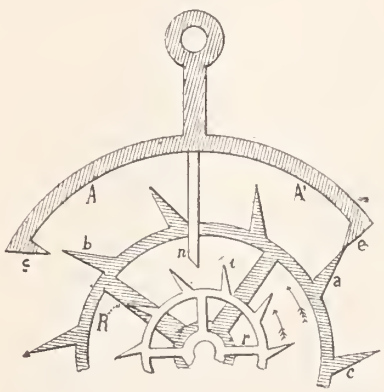


Fig. 15.

Here the regulator is a pendulum formed of two distinct pieces, A and P. The upper part P, suspended by the spring *r*, bears at its lower extremity the triangular piece, of which two of the faces constitute the lifting planes. The pendulum, properly so-called, P, is suspended by the spring *r* to the cross rod which terminates the part A.

The inventor presents this mechanism as a detached escapement, for the pendulum oscillates in complete independence, and is not in contact with the escapement except during the short time of impulse. This is produced by the simple movement back and forth which the triangular piece *a* undergoes under the influence of the teeth of the 'scape wheel R. The teeth of this wheel consist of semi-cylindrical pins, acting alternately against the inclines of the piece *e*.

On this piece *e*, and projecting a little on each side, he has fitted a plate *s*, whose projections serve for the locking of the teeth. We represent separately on a larger scale the escapement piece *e*, so as to better exhibit its form and its working with the pins of the wheel.

The pin *a* is locked under the plate *s*. It has acted against the inclined plane on the right and pressed back the escapement piece towards the left, and consequently the suspension point of the pendulum. This slight displacement is sufficient to communicate a new impulsion to the pendulum, which oscillates precisely in the same direction. The pin is arrested at the locking under the plate *s*, but the pendulum, continuing its excursion to the left, actuates the lower extremity of the piece A, and the tooth *a* is unlocked. The wheel turns to a slight extent, the pin *b* reaches the inclined plane on the left, and the action of this pin against the incline plane produces the impulse from left to right. The same functions are repeated in the opposite direction.

The inventor sees in his mechanism all the necessary qualities of an escapement, but in our opinion the practical execution must have revealed many weak points. The perpendicularity of this divided pendulum with double suspension must be very difficult to realize, and we much fear the influence of the temperature. The lockings appear to us quite uncertain, and the disengagement at the necessary moment insufficiently assured. This unlocking is in danger at times of occurring too quickly, or of not taking place at all.

We return to dead-beat escapements. Those of our readers who have followed our descriptions will recognize in the three escapements that we present in Figs. 14, 15 and 16 the principle of the mechanism of a contrivance shown in the preceding series. We see here three single-beat escapements, with locking on the two pallets of the lever and impulse on a single one or on a special pallet.

In the mechanism of Fig. 14 the teeth of the wheel are omitted. The impulse pins remain, and the lockings are effected against the pallet *e* by the intervention of two flirts *n* n^1, mounted on a pinion *p* having fine leaves and engaging with the wheel R.

The functions are effected in the following manner: One of the flirts, *n*, is locked on the pallet *e*, and the pendulum oscillates from left to right. This oscillation has the effect of disengaging the flirts, and the pinion *p*, solicited by the 'scape wheel R, turns to a slight extent in the direction indicated by the arrow, permitting the pin *a* to reach the locking face of the pallet *s*. On the return oscillation the pin *a* is engaged against the incline of the pallet *s* and thus communicates an impulse. The rotation of the wheel R occasions that of the pinion P, and there is a new stop at the moment when the flirt n^1 reaches the pallet *e*, which is brought again into the position for locking. This arrest is produced at the moment when the pin *a* has terminated its

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impulse and before the following pin *b* has reached the locking face *s*. This pin will effect the locking on the pallet *s* when the flirt has been disengaged by a new oscillation from left to right.

This escapement was exhibited by the Brocot firm in 1855.

In the system represented in Fig. 15 we again find the same principle, and identical functions are secured by means of quite a different arrangement. The lockings on the pallets *e* and *s* are produced as in the above-mentioned escapement given in our last article, but the impulse incline of the pallet *s* is omitted, as also the pins of the wheel R.

The impulsions are communicated by a second smaller wheel, *r*, whose teeth act on a third pallet *n*, fitted to the escapement piece AA^1.

The functions of the mechanism are the same. After the locking of the tooth *a* on the pallet *e*, we will have that of the tooth *b* on *s*. Then, when the tooth *b* escapes in its turn, the tooth *i* of the small wheel *r* will perform its function, communicating an impulse to the pallet *n* of the lever. This impulse terminated, the tooth *c* of the large wheel will in its turn arrive at the locking on *e*.

(To be continued.)

When Horologist Meets Horologist.

BOSTON, Mass., Oct. 10, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

A lecture by C. T. Higginbotham, entitled "Points on the Lever Escapement," was published in a recent issue of THE CIRCULAR-WEEKLY. The same matter under different titles has since appeared other trade publications. In view of the position of the author, and the wide publicity given his lecture, it seems right enough to call attention to some of the errors which it contains.

To state that $2+2=5$ would be absurd enough: we will show that in most of Mr. Higginbotham's "points" there is a wider divergence from the truth than this.

(1) It is very unscientific to say the pallet spans 3½ teeth of the escape wheel. In a 15-tooth wheel the angular distance between the locking faces of the teeth is 24 degrees. And, as the angular distance between locking faces of the pallets is 60 degrees, it follows, $60 \div 24 = 2\frac{1}{2}$, or, in other words, the pallets span 2½ teeth. Mr. Higginbotham misses the truth here by 24 degrees.

(2) It is a gross error to say that in an escapement having 30 degrees roller action the impulse radius of roller is one-third the distance from the center of the balance staff to the center of the pallet staff. As a matter of fact, it is one-fourth, not one-third. No demonstration necessary.

(3) In his discussion of the various forms of impulse faces, he uses the words "to lessen cohesion caused by oil between the surfaces." I think he should have said *adhesion*. However, this may be a debatable point.

(4) I desire to be fair with Mr. Higginbotham, and am pleased to note that he appreciates the folly of putting horns like a Texas steer on single roller forks, as are so often seen.

A point he might have mentioned here, but did not, is: In single rollers the difference between the impulse radius and the full radius should be as small as possible and allow a satisfactory crescent or passing hollow. Reasoning from the advantage of the smaller safety roller, in a double roller escapement, it is plain enough that so far as the safety action is concerned we must make the full diameter of the single roller as small as possible. The Waltham Co. are the only American makers, so far as I am aware, who seem to appreciate this.

(5) Mr. Higginbotham is much concerned at the slightly increased inertia of a double roller fork. Yet he seems to favor the practically obsolete type—a fork and pallets made in two parts and screwed or pinned together, greatly increasing the weight with no practical advantage.

(6) Mr. Higginbotham says: "Drawing out the receiving stone increases the angle of impulse and draft." Assuming that the stone fits the slot in the pallet, no "drawing out" will increase the angle of impulse and draft, as stated. If the stone were drawn out, and the pallet swung on the fork in the opposite direction, *i.e.*, the receiving end moved away from the wheel, it would increase the angles of draft and impulse on both stones. A like operation with the exit stone and end of the pallet would decrease the angles of draft and impulse on both stones. Many pallet stones are splintered by trying to draw them. Careful workmen push them out.

(7) He further states that when "banked to drop" the usual amount of locking is three-fourths of a degree. In the escapement of a 16-size American watch the distance from the center of pallet staff to the locking corner of a pallet stone is about 2.3 millimeters, which means that three-fourths degree measured up the locking face of the stone would be about three-hundredths millimeter. Now, an average hair from the human head measures six-hundredths millimeter; the absurdity of talking three-fourths degree lock is apparent, especially when we consider the locking corner of the stone must not be sharp, but slightly rounded, particularly where brass wheels are used. Such locking, if attainable in practice, can only be had in escapements of good size with double rollers, and having steel wheels accurately ground to truth after hardening, and sapphire or ruby pallets. In short, it is an ideal as yet unattained except in rare cases.

(8) And, says he, finally open the banking just sufficient to give about the same amount of slide on the locking faces of the stones that there is lock, and the escapement will be perfectly adjusted. Mighty interesting! It is, indeed, common to find in American watches the escapement adjusted to allow a slide equal to the lock, and even more, but I never supposed an expert could be found to advocate such a condition. Slide, as every watchmaker knows, is a necessary evil. It should be reduced to its lowest terms always, which will vary somewhat in different escapements, much depending upon the truth of the wheel, the position of the banks, etc. But in no conceivable case will there be needed a slide equal to the lock. I think 1¼ degree lock and ¼ degree slide, making a total of 1½ degrees, would come much nearer the conditions found in really good watches, in which the escapement is intelligently if not perfectly adjusted.

(9) Regarding the instructions given for adjusting the pallet action and then the fork and roller action, I think it more logical to adjust first the fork and roller action and then set the pallet stones to conform, finally adjusting the guard action. This method avoids much useless changing of the banks or other retracing of steps. We are aware that a workman understanding clearly the various actions can begin at either end and arrive at the same result.

It is a great pity that watchmakers generally do not better appreciate the importance of making drawings. To make one correct drawing of the lever escapement will give the workman a more comprehensive grasp of the principles involved than all the "rules of thumb" ever written, besides most "rules" do not apply equally in all cases. I enjoyed Mr. Higginbotham's lecture mightily; he has an entertaining style. If this criticism makes him hereafter more careful as to facts, it will have served its purpose. F. R. CUNNINGHAM.

Vicissitudes of a Town Clock.

AMONG other things owned by the imperial government when it gave over the garrison of Halifax, N. S., to Canada, was the town clock on the side of the citadel slope, which for a century has tolled the hours, quarter-hours and half-hours to the citizens of Halifax. As the Canadian government was not inclined to take over the care of the clock, the imperial authorities decided to tear it down unless the civic government would take it over and keep it in repair, which it has done.

The clock has an interesting history. Since 1806 it has marked the flight of time for the citizens. It was originally purchased in England through the energies of the Duke of Kent (grandfather of the present king), who was then in command of the Halifax forces. It was bought by public subscription. Later it was decided to build a handsome tower in which to place the clock. The site selected was on the south slope of citadel hill. This was in 1801.

In due course the clock works, gigantic weights and three bells were received from England, but it was then discovered there was no one in the town capable of putting the various parts together and for three or more years longer the town remained clockless. In 1806, a newly arrived soldier, who chanced to have learned the clockmaker's trade before enlisting, undertook to put the works in running order, which he did, and it has been keeping excellent time ever since, being very seldom "off on strike."

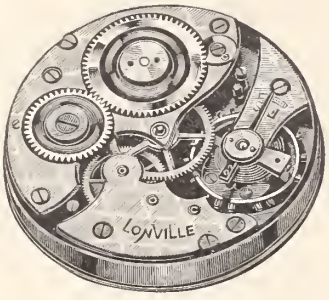
The several trophies awarded for the athletic events, held recently by the Houston Yacht and Power Boat Club, Houston, Tex., are at present on display in the store of J. L. Mitchell, of that place.

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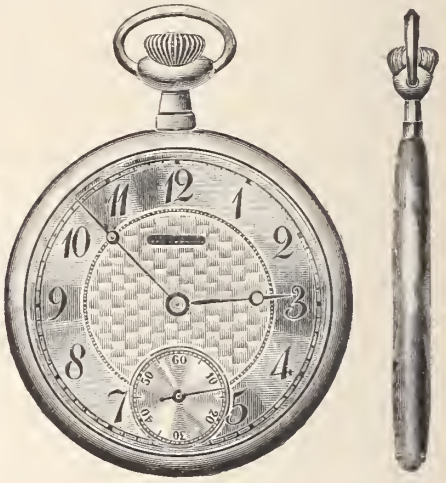
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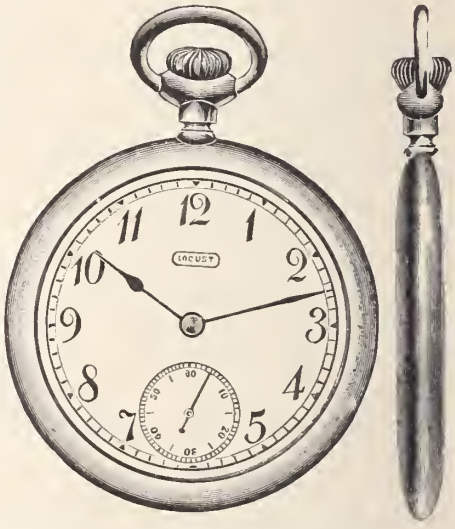
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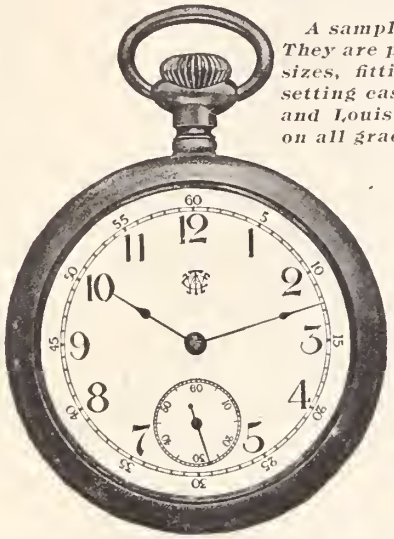
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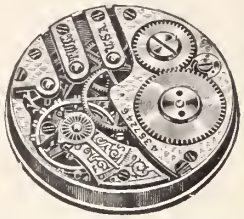


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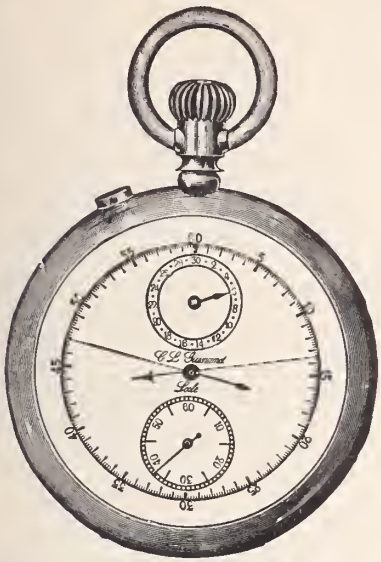
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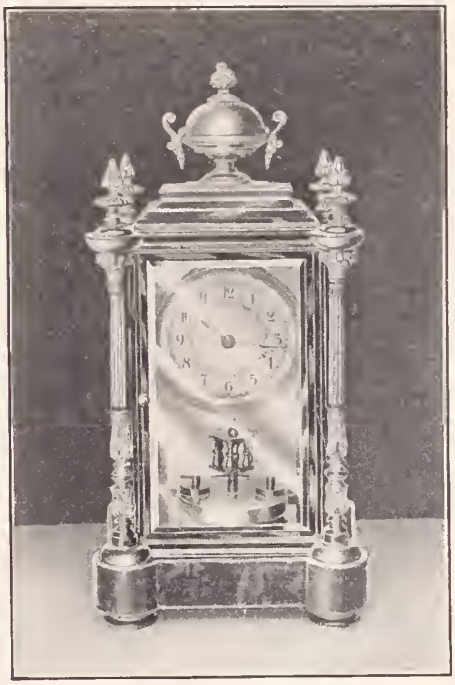
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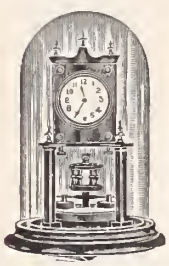
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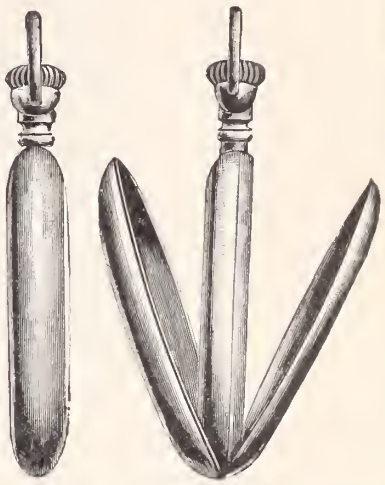
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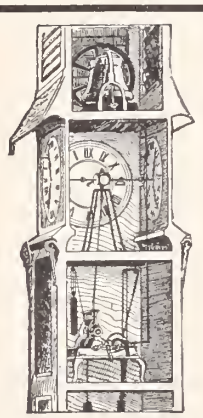
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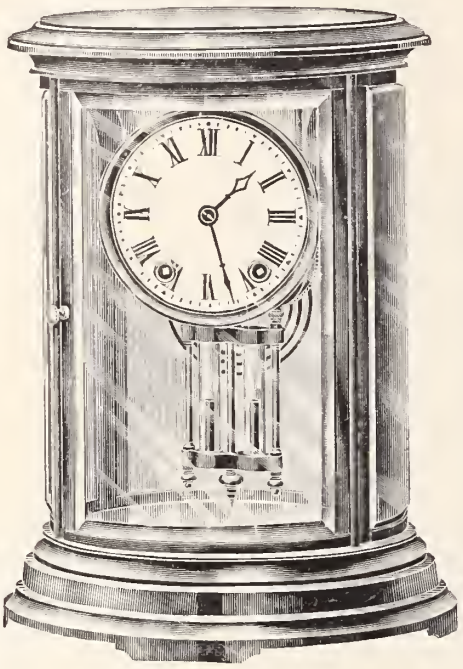
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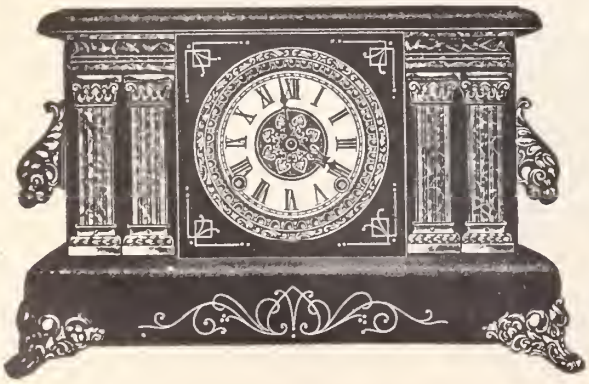
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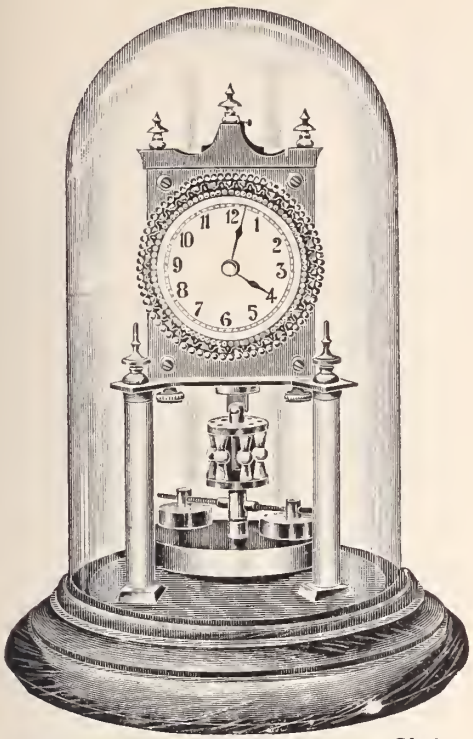
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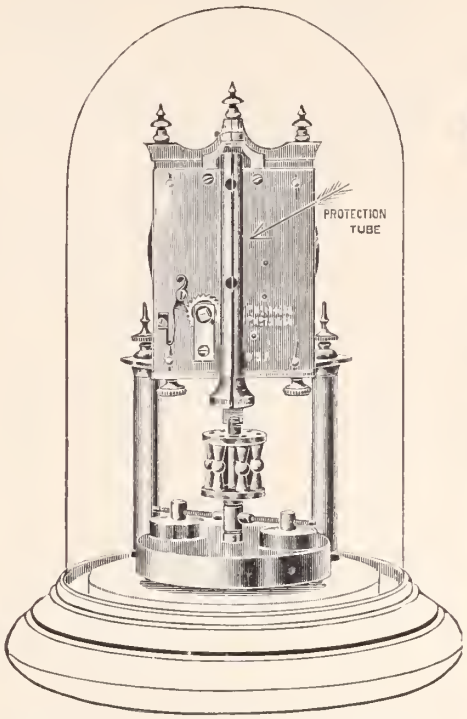
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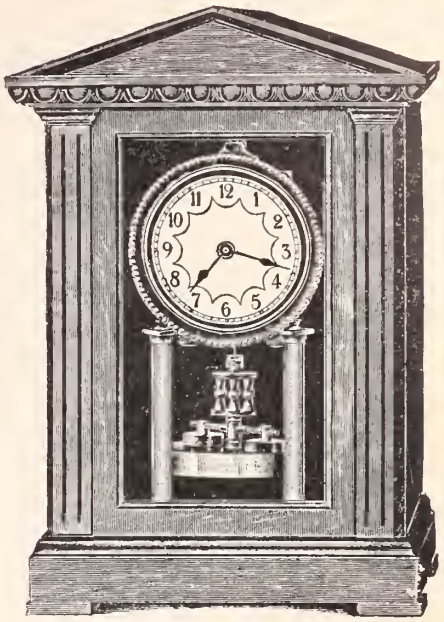
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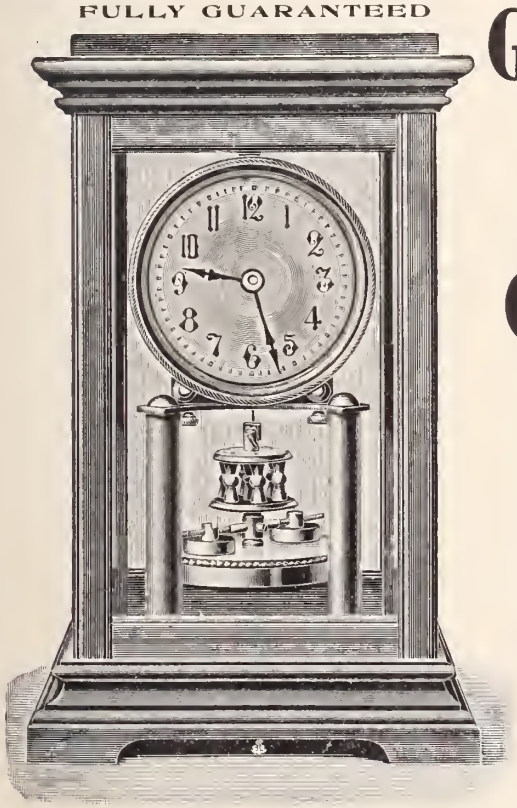


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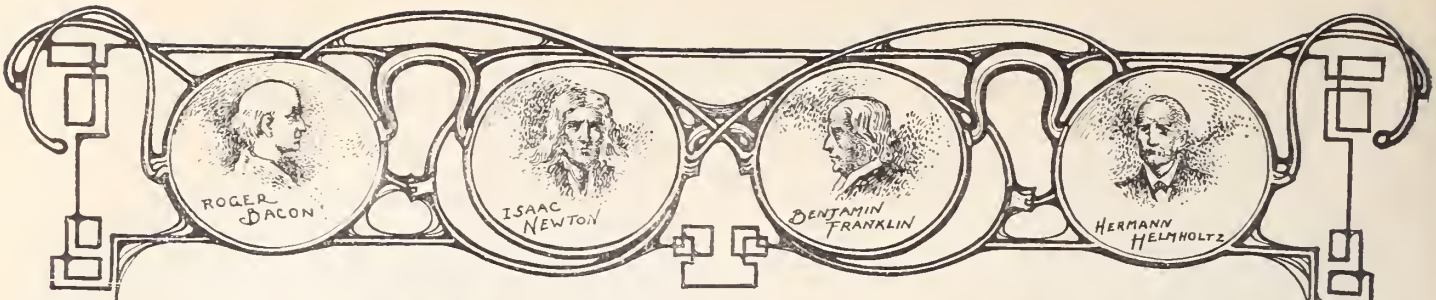


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A SERIES OF QUESTIONS AND ANSWERS ON ELEMENTARY OPTICS, IN CATECHETICAL FORM.

By E. Le Roy Ryer.

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(Continued from issue of Sept. 19.)

Q.—(675) How does a convex cylindrical lens affect the appearance of an object seen through it?

A.—From the foregoing we have seen that a convex cylindrical lens has no refractive power along one meridian, its axis, but has a convex reflecting power at right angles to this meridian. Hence we may reason that, in looking at an object through a convex cylindrical lens, that part of the object corresponding to or lying in the same plane as the axis will not be affected in any way, while that part of the object corresponding to the meridian of greatest power of the lens will be magnified. A convex spherical lens magnifies an object in every meridian, causing a uniform increase, without disturbing the relative proportions of that object. But the convex cylindrical lens magnifies along one line, while it does not along another, and must, therefore, disturb the proportions and produce distortion.

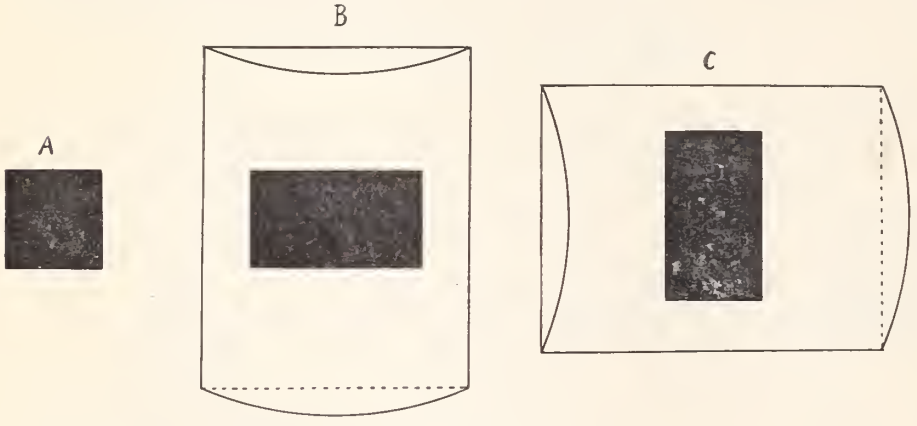


Fig. 98.

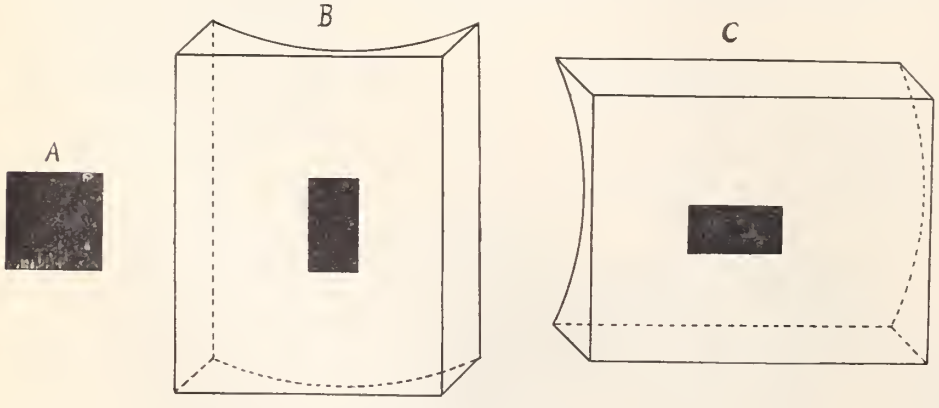


Fig. 99.

Thus, in Fig. 98, A represents a square object. If it be looked at through a convex cylindrical lens, whose axis is vertical, it will appear as in B, Fig. 98. The axis of the cylindrical lens being vertical and having no power the object is not affected in this meridian; that is, in the vertical direction the object looks just the same through the lens as when looked at directly. This lens, however, will affect the object horizontally, because in this direction it has a magnifying power and will cause the object to appear larger along this line. Thus, the square no longer appears as a square, but is apparently stretched out horizontally into the form of a right angle parallelogram, whose height is the same as that of the original object, but whose width is greater. If the cylindrical lens be rotated half-way round, so that its axis is horizontal, as shown in C, Fig. 98, its magnifying power is then vertical, and a square seen through it will appear elongated in the vertical meridian, appearing as a right angled parallelogram, whose width equals that of the original object, but whose height is greater. From this it may be deduced that a convex cylindrical lens will cause an object seen through it to appear enlarged in the direction corresponding to the meridian of greatest power of the lens, and not enlarged or diminished in the direction corresponding to the axis of this lens.

A dot or a point of light seen through a convex cylindrical lens will appear as a line running at right angles to the axis of the lens, this line often running considerable length. It must be borne in mind, however, that if a point of light be focussed by a convex cylindrical lens upon a screen it will appear as a line or streak of light running in the same direction as the axis of the lens. These two phenomena are frequently sources of confusion, and every one should thoroughly understand them. An understanding can best be obtained by making the actual experiments. Take an 8.00 dioptry convex cylindrical lens, set its axis vertical and look at a dot of ink on a piece of white paper; the dot will appear as a more or less blurred horizontal line. Then, keeping the lens in the same position, namely, axis vertical, focus the rays from a point of light on a screen, the image formed will be a distinct vertical line of light. Why a vertical line should be seen in one case and a horizontal formed in the other by the same lens held in the same manner is readily explained. In the case where the dot is, looked at through the lens, the meridian of greatest power magnifies the dot in that direction and makes the dot appear as a line, but the magnification taking place along the meridian of greatest power only gives a line at right angles to the axis; on the other hand, when a beam of light from a luminous point strikes a convex cylindrical lens the beam is compressed into a line, but refraction taking place in the

Optical Department.

meridian of greatest curvature only causes the line to be formed parallel to the axis.

Q.—(676) How does a concave cylindrical lens affect the appearance of an object seen through it?

A.—We know that a concave cylindrical lens has no power along one meridian, its axis, but has a concave refracting power in the planes at right angles to this meridian. Therefore, in looking at an object through such a lens that part of the object corresponding to or lying in the same plane as the axis will not be acted upon in any way, while that part of the object corresponding to the meridian of the lens having the greatest power will be diminished in size. A concave spherical lens minifies an object in every meridian, causing a uniform decrease in size without in any way disturbing the relative proportions of that object. But the concave cylindrical lens causes diminution along one line while it does not along another, and must, therefore, disturb the proportions and create distortion.

Thus, in Fig. 99, A represents a square object. If it be looked at through a concave cylindrical lens whose axis is vertical it will appear as shown in B, Fig. 99. The axis of the lens having no power, and being, in this case, vertical, the object will not be affected in this meridian; that is, the object will appear just the same in the vertical direction whether looked at through the lens or looked at directly. The lens, however, will affect the lens horizontally, because in this direction it has a minifying power which causes the object to appear smaller along this line. Thus, the square no longer appears as a square, but is apparently contracted horizontally, so as to assume the form of a right-angled parallelogram, whose height is the same as that of the original object, but whose width is less. If the lens be rotated half-way round, so that its axis lies horizontal, as shown in C, Fig. 99, its minifying power is then vertical, and a square seen through it will appear contracted in the vertical meridian, appearing as a right-angled parallelogram, whose width equals that of the original object, but whose height is less. Hence it may be deduced that a concave cylindrical lens will cause an object seen through it to appear diminished in the direction corresponding to the meridian of greatest power of the lens, and not diminished or affected in any other way in the direction corresponding to the axis of the lens.

A dot looked at through a concave cylindrical lens will not appear as a line in the same sense as it does through a convex cylindrical lens. In the case of the convex the dot is stretched out into a line longer (the power of the lens, of course, regulating this) than the diameter of the dot, but in the case of the concave cylindrical lens the dot may be contracted into a line, but the line will never be any longer than the diameter of the dot. Another marked difference is that the lines formed from a dot by the convex cylindrical lens is at right angles to the axis, while the line into which a concave cylindrical lens appears to turn a dot is parallel to the axis. It may again be suggested that actual experiments be made by the student. Another point of difference is that the convex cylindrical lens will focus light from a luminous point in the form of a line parallel to the axis, whereas the concave will not form a line at all, simply causing rays to diverge from either side of the axis.

(To be continued.)

A Study of Convergence and Its Defects, Including an Analysis of 441 Cases of Exophoria.

(Extract from a paper by WENDELL REBER, M.D., Philadelphia, Pa., in the *Journal of the American Medical Association.*)

(Continued from issue of Oct. 10.)

Refractive Status.—We next come to the relation that exophoria bears to the various states of refraction as set forth in Table 4. (See last week's issue of THE CIRCULAR-WEEKLY.) Despite the fact that the exophoria has been looked on by many authorities as a passive condition, it will be seen by reference to the table under consideration that this belief is no longer tenable. That a certain small percentage does not represent a passive or under-action phenomenon (in reality an accommodative exophoria) is a well-established fact.

But Table 4 shows at a glance that in 441 cases this anomaly was associated with hypermetropia or its allied refractive conditions (H + ah-ah-ahm + H) 313 times, or in 72 per cent. of the cases. And inasmuch as all hypermetropic conditions call for excessive accommodation (hence associated excessive convergence impulse), we may be sure that a certain portion of latent exophoria is masked in such cases by the attempt on the part of the patient to overcome the hypermetropia. Herein lies the unwisdom of anything like a full correction of the spherical element in the hypermetropia associated with exophoria.

Myopia and its allied condition (Am. M + Am, Amh) were present in 89 of the 433 cases (20.5 per cent.) and it is probable that a certain proportion of these were accommodative exophorias.

There remain to be considered 31 (or 7.5 per cent.) cases of antimetropia (the so-called anisometropia) in which it will be later shown that the average degree of exophoria was higher than in any other refractive condition.

Subdivisions of Exophoria.—The term exophoria, while of great clinical convenience, is not altogether sufficient to the purpose for which it is employed, in that it gives no clue to whether convergenee be deficient, divergence excessive, or the two conditions co-existent. So that, for purposes of statistical study and better understanding of the cases, it becomes necessary further to subdivide a proportion of the series herein offered into:

(1) Exophoria with normal divergence and deficient convergence.

(2) Exophoria with divergence excess.

(3) Exophoria with convergence and divergence both deficient.

These may be, for greater convenience, put down as: (a) Asthenic exophoria (Savage), true convergence insufficiency; (b) sthenic exophoria (Savage), anatomic exophoria; (c) neurasthenic exophoria.

In the series of cases here offered there were 200 in which there was only partial or no relief to the patients' symptoms afforded by correcting lenses alone. Of this latter number there were 121 in which the prism convergence and the prism divergence were estimated in the further study of the cases. Arranging these 121 according as they showed subnormal, normal or excessive divergence, we find the following:

Thirty-five times, divergence and con-

TABLE 5.

Conditions.	*No. of times found.*	*Average exophoria for infinity.*	*Average prism convergence.*	*Average prism divergence.*
Neurasthenic exophoria	35	1.80°	9°	5.5°
Asthenic exophoria	23	2.25°	11°	7°
Sthenic exophoria	63	3.00°	14°	8°

TABLE 6.

	Exophoria for distance.	*Exophoria at 13 inches.*	*Difference between infinity and near exophoria.*	*Prism convergence.*	*Prism divergence.*	*Convergence near point.*	*Amplitude of convergence in meter angles.*
Group 1; Neurasthenic[1]—							
1	2	6	4	7	6	3	13.85
2	1	5	4	8	6	3	13.85
3	1	5	4	8	6	3	13.85
4	1	2	1	10	6	3	13.85
5	1	8	7	6	5	3½	12.00
6	1	8	7	10	6	3	13.85
Group 2; Asthenic[2]—							
1	2	12	10	10	7	2	21.00
2	1	5	4	12	7	3½	12.50
3	3	12	9	10	7	4½	10.00
4	3	10	7	11	7	2	21.00
5	2	2	0	12	7	5½	8.50
6	1	6	5	14	7	4½	10.00
Group 3; Sthenic[3]—							
1	2	7	5	18	10	3½	13.00
2	12	19	7	20	14	5	10.00
3	2	2	0	19	8	3	14.15
4	8	15	7	8	9	4	11.30
5	5	18	13	18	12	4	11.70
6	4	16	12	11	9	4	11.30

[1]Cases with subnormal prism divergence.
[2]Cases with normal prism divergence (= 7°).
[3]Cases with excessive prism divergence.

Optical Department.

vergence were subnormal; 23 times, divergence was normal and convergence subnormal; 63 times, divergence was excessive and convergence subnormal. See Table 6.

This table shows that over 60 of the class so studied proved to be sthenic or intrinsic exophorias (divergence excess of Duane), a proportion that, it is thought, will hold for the whole series. It further shows that the average exophoria increases as the prism divergence increases (as would naturally be expected). Finally it sustains Seabrook's claim that exophoria for infinity almost invariably means subnormal convergence, whether the exophoria is asthenic, sthenic or neurasthenic. The influence of hyperphoria in reducing both prism divergence and prism convergence is well known, and no case of hyperphoria should be put down as neurasthenic until hyperphoria of three-quarters of a degree or more has been excluded. Table 6 was drawn up for the purpose of comparing at every point six cases each of neurasthenic, asthenic and sthenic exophoria.

Several interesting practical points are brought out by this table. It is commonly accepted that from 10.50 to 11.00 meter angles of convergence amplitude are sufficient for comfortable work at the near point; and yet in Cases 5 and 6 of Group 1 in Table 6 there was exophoria of eight degrees for the reading distance in both cases, with a convergence amplitude in one case of 12.00 m.a. and in the other 13.85 m.a. In Cases 1 and 4 of Group 2 there was exophoria of 12 and 10 degrees, respectively for the reading distance, with a convergence amplitude of 21.00 m.a. (!) in each case. It will be readily seen that, while all four of these patients possessed convergence amplitude much in excess of what is generally considered quite sufficient, they had all learned the trick of using the power that was potential in their adducting muscles all the time.

Contrast with these Patient 5 of Group 2, who presented an exophoria of two degrees for both distance and near work, in spite of the fact that her convergence amplitude was but 8.50 m.a. Here was a patient who, though her convergence amplitude was not all that it should be, yet held her adductors up to their work almost perfectly, for she was almost without symptoms. She was also one of those individuals who have themselves well in hand and accomplish all things well; physical condition was superb.

The following five cases illustrate well the value of estimating both the exophoria for the near point and the amplitude of convergence—for if the exophoria for the near point be much greater than that for infinity and the convergence amplitude be normal—the necessity for convergence training, with prisms or otherwise, is apparent. Such patients need to be shown how to use a faculty they already possess. On the other hand, when exophoria for the distance shows no increase when estimated for the near point, though the convergence amplitude be normal or even above normal, not so much need be expected from further training of a faculty the patient already knows how to use and is probably drawing on heavily.

(To be continued.)

Regular Monthly Meeting of the Optometrical Society of the City of New York.

THE regular monthly meeting of the Optometrical Society of the City of New York was held in Parlor D.R., at the Fifth Ave. Hotel, New York, Wednesday, Oct. 10.

O. Offenhauser, Sr., being ill, A. M. Frankel occupied the chair and called the meeting to order.

The Executive Committee recommended that E. LeRoy Ryer be appointed official lecturer of the society, so that the members might have a prelection on the lessons of the various meetings, thereby making these lessons much clearer and easier to study. Mr. Ryer desired that W. B. Marchant be appointed, but that gentleman declined with thanks, but stated that, as chairman of the Educational Committee, he was heartily in favor of these lectures. He thereupon made the proper motion, which was seconded by Mr. Curtis and carried.

The following, whose applications were laid on the table, were, in the usual manner, voted for by the secretary and elected members of the society: Walter H. Markens, 2460 Seventh Ave., New York; R. N. Johnquest, White Plains, N. Y.

Applications for membership were received from Arthur A. Lyman, 920 Main St., Bridgeport, Conn., and F. D. Jackson, 859 Pacific St., Brooklyn, N. Y.

The Executive Committee went over the list of nominations, and the following were nominated for the respective offices: President, W. B. Fisher, Jno. E. Meyer, Otto Offenhauser, Sr.; first vice-president, W. B. Fisher, A. J. Brooks, Jno. E. Meyer; second vice-president, Jno. F. Hill, A. Frank, P. A. Dilworth; treasurer, Chas. W. Rippier, S. H. Brooks, W. A. Johnson; recording secretary, Albert Cohen, W. B. Fisher, Chas. W. Rippier; financial secretary, Robert Levin, Henry H. Ehrlich, Elmer E. Hotaling; chairman Executive Committee, E. LeRoy Ryer, A. M. Frankel, P. A. Dilworth; members Executive Committee, A. J. Cross, E. T. Connet, F. B. Marchant, P. A. Dilworth, C. F. Hughes, A. M. Frankel, John F. Hill, Robert G. Smith.

The secretary reported that a round celluloid badge and pin would be secured for the members in accordance with the motion made at the previous meeting. He also reported that he held the proof of the Code of Ethics and that the code would probably be ready for distribution at the next meeting.

Albert Cohen made a motion that any member who fails to attend at least one meeting during the year will have his name stricken from the rolls and his membership ceases. Mr. Ryer offered an amendment to this to the effect that such a member, instead of losing his membership, be deprived of active participation in the affairs of the society. This amendment would not be accepted, it being argued that the society's constitution did not provide for any inactive members, except honorary ones. After some discussion, the amendment was changed to read that "any member of the society who fails to attend three-quarters of the meetings in any one year shall not be eligible to take the next examination." This amendment was accepted.

Mr. Ryer also referred to the fact that members of the Optometrical Section should be given credit for the quiz questions which they answer during the two years' course, and that the correctly answered questions should count as a certain number of points in their favor. This matter will be considered at another meeting.

It was decided that all voting lists are to be returned by members so as to be in the possession of the secretary by Nov. 1. Lists not received by that time are not to be considered. The quiz was conducted by Mr. Ryer for Prof. Lockwood, who was unable to attend owing to illness.

At the conclusion of the quiz, which covered lessons 11, 12 and 13. of Henderson's "Lessons on the Eye," Mr. Ryer gave an excellent explanatory lecture on lessons 14. 15 and 16, showing the derivation of difficult words and fully explaining the optometrist's duty to a patient whose eyes are diseased.

A list of the medical terms, as found in Henderson's Lessons, and their definitions will be furnished as soon as possible to those members of the Optometrical Section who send a request to the secretary for it.

QUIZ QUESTIONS.

Lessons 11, 12 and 13.

(1.) What do we call that condition of the eyelid where it winks excessively or convulsively, and what can be done for it with glasses?

(2.) What is the condition of the eye called where it is impossible to close the lids, and what ocular troubles is it apt to cause?

(3.) What name is given to that condition where the upper eyelid droops and what can be done for it by means of glasses? In this same condition, how does the patient sometimes try to offset it?

(4.) How would you recognize the presence of eczema on the eyelids and neighboring parts and what would you say to the patient to do?

(5.) How would you recognize the shingles?

(6.) What name is given to that condition where parasites get into the eyelids and eyelashes.

(7.) What is meant by the term ecchymosis of the lids? Can it be cured with glasses?

(8.) What is epiphora? And name some of its causes.

(9.) Suppose you should see a small lump in the corner of the eye, what would you say to the patient?

(10.) What name is given to that disease where pus may be squeezed out of the inner corner of the eye?

(11.) Why is this condition especially dangerous?

(12.) If told by the patient he has a meningecele, what do you understand by the word?

(13.) Name some of the conditions or symptoms which may accompany periostitis.

(14.) When would you suspect a tumor in the orbit of the eye? What is pulsating exophthalmos, and would you fit glasses to such a case?

Optical Notes and Briefs.

Moncena Dunn, optician, Marshfield, Wis., has been granted a patent on a novel voting machine.

J. H. Phillips, optician, with the Boston Store, Omaha, Nebr., has improved his department and added a new dark room.

The Southwest Optical Co. has just been incorporated in Los Angeles, Cal., with a capital stock of $25,000, of which $10,000 has been subscribed. The incorporators were: Frederick Butler, J. Von Breton and Dorothea Von Breton.

The Northwestern Optical Association held a well attended meeting in Minneapolis, Minn., recently. Addresses and discussion were given by S. B. Millard, Minneapolis; Prof. J. W. Grainger, Rochester, Minn.; E. C. Roberts, Red Wing, Minn., and others.

Optical Department.

Eye Diseases Which the Optometrist Should Recognize.

(First of a series of lectures delivered before the O. S. C. N. Y., by E. LeRoy Ryer.)

Catarrhal Conjunctivitis (Acute).

Nature of the disease—

This is the most common disease of the eye. "Itis" always signifies inflammation, so conjunctivitis means inflammation of the conjunctiva.

An attack seldom lasts longer than two weeks and may be severe or not.

As a rule, it attacks both eyes, but may attack one only.

It will usually recover of its own accord.

It is not, in itself, particularly dangerous.

How to recognize it—

Redness, showing inflammation, of the conjunctiva, especially of the lining of the lids.

The conjunctiva lining the eyeball in front is also tinged with red, excepting around the margin of the cornea.

Care should be exercised so as not to confound iritis, a dangerous disease, with the above. If the area or zone directly surrounding the cornea is red instead of white, there is reason to believe that it is not merely a case of catarrhal conjunctivitis, but one that requires medical attention immediately.

It is true that this forward portion of the white of the eye may appear red in ordinary conjunctivitis, but as a rule it does not; so, should you find it thus, explain to patient and advise getting a physician's opinion at once.

The patient will complain of a scratchy, burning feeling, and often thinks there is something like a cinder in the eye.

Visual acuity may be lowered owing to the mucus and pus which collects on the cornea. Mucus is a sticky, animal substance secreted or created by mucous membranes (the conjunctiva is a mucous membrane). Pus is a creamy secretion from inflamed tissue.

A discharge may take place that will cause the lids to stick together during sleep. This discharge of mucus and pus is very slight, usually just enough to make the lids and lashes sticky, and nothing like the discharge that takes place in purulent conjunctivitis.

These eyes may dread bright light, which symptom is called photophobia, photo signifying light and phobia, fear of.

The lids may be slightly swollen, but this may not be noticeable in most cases.

Causes—

Bad air, dust, smoke, wind, heat, cold, bright light, refractive errors, hay fever, nasal catarrh, diseases of the lachrymal apparatus, fevers that cause eruptions on the skin, exantheniatous fevers, various disease germs, microbes and bacilli.

What the optometrist should do—

Warn patient against letting the disease get too far advanced before consulting a physician.

Suggest resting the eyes, in any case, in the mean time.

If the case be mild and the test not painful, correct any existing refractive errors, but do not exaggerate the value of lenses as a cure. If the disease came directly and purely from a refractive error, lenses would, no doubt, remove it; but it must be kept in mind that in most cases the chances are that the refractive error is not the sole cause. However, it is the optometrist's privilege and duty to correct any refractive error, as this eliminates one possible disturbing factor and relieves the ocular strain, independent of any disease. Briefly, correct the refractive errors, but make it perfectly clear to the patient that this is all you are doing.

Catarrhal Conjunctivitis (Chronic).

Nature of the disease—

As above mentioned, most cases of catarrhal conjunctivitis are of the acute form—that is, they run their course quickly. Sometimes, however, an acute attack quiets down, but, instead of disappearing, continues in a milder form. Thus a lingering case would be termed *chronic catarrhal conjunctivitis.*

How to recognize it—

The eye looks about the same as in acute catarrhal conjunctivitis except that the redness is more confined to the lids, particularly at the fornix, the angle where the conjunctiva bends around from the lid to meet and cover the eyeball.

Causes—

Same as in acute catarrhal conjunctivitis, but especially those which are slow and continuous in their actions, such as refractive errors and nasal catarrh.

What the optometrist should do—

Ascertain definitely of how long standing the trouble is and if the inflammatory symptoms have been of an even nature. If it be a case of long standing, and if the inflammation has been fixed, look for and correct any refractive errors that may exist and warn patient to see physician if the inflammation continues. Give lenses on the same terms as in acute cases.

While we may all know that boric acid is a harmless and useful remedy in such cases, it should be left to the physician to recommend its application.

A question might arise as to whether we should prescribe glasses before case is seen by a physician. Personally, I am as radically opposed to any practice that encroaches upon medical ground as any man; many patients absolutely refuse to seek medical aid in the above cases, thinking the trouble too trivial. Be that as it may, you have done your duty when you advise seeing a physician, and that settles the medical side of the case for you. The refractive side is an entirely independent side, and therein you have rights that you must not permit anyone to trample upon. If a refractive error exist, a physician cannot cure a case of conjunctivitis beyond a certain point. The refractive error, being one of the causes of conjunctivitis, may cause a recurrence at any time; therefore, it is essential to that patient's welfare that all refractive errors be corrected, and a physician is no more fitted to correct these errors than you are to use drugs, so two men must work on such a case. See to it that you touch the refractive conditions only, and see to it that he touches the medical conditions only. Tell your patient the absolute truth; don't let him confound your work with the physician's; tell him what lenses will do and tell him more emphatically what they will not do.

Purulent Conjunctivitis.

Nature of the disease—

There are two forms of this condition. It may be the infantile or adult variety. The infantile is called ophthalmia neonatorum, which arises between the third and eighth day after birth and generally attacks both eyes. The optometrist, from their very nature, never sees such cases. The adult variety, called gonorrheal ophthalmia, may be met frequently. It may attack one or both eyes. It is dangerously contagious.

How to recognize it—

Pus is the watchword. The discharge is profuse. In the early stages the matter discharged is watery like that discharged from sores, but in the second stage it is a thick, yellow pus. The lids will be greatly swollen. Pain will be severe, consisting of smarting and burning. The conjunctiva becomes so filled with a watery fluid as to hang like a sac over the cornea. Vision may be interfered with by pus on the cornea, by corneal ulceration or by the inability to raise the upper lid. The conjunctiva will be congested.

Causes—

There is but one cause, namely, inoculation with gonorrheal virus—that is, microbes created by the disease gonorrhea get into the eye.

What the optometrist should do—

Don't touch the person and don't let the patient touch you or anything belonging to you. Should you touch him before you recognize the presence of the disease, disinfect your hands and instruments at once with some reliable disinfectant—for instance, a solution of carbolic acid; but be careful how you use that, too.

Get patient under a physician's care as quickly as possible.

If unconscious of the dangers attached to the disease, inform him. Ulceration of the cornea may set in, in which case sight might be lost, if not the eye, and others may be infected. Should you wipe on a towel that has been used by an infected person, you might contract a worse case than he has.

Don't attempt to test vision nor to give lenses. Do nothing but endeavor to get him into medical hands, unless, if only one eye be affected, warn patient to protect the good eye, and if they cannot get to a physician at once, tell them how to protect the good eye by covering it with a watch crystal held in position by adhesive plaster. In cities where some physician is always accessible, the optometrist need not mention this, but humanity would demand his suggesting it in other cases.

(To be continued.)

Abraham Cardenas, Pachuca, Mex., was the plaintiff in the local Correctional Court, recently, against a former employe, who, he alleged, had decamped with about 40 watches.

RETAIL JEWELERS ADVERTISING

Autumn Wedding and General Advertising Suggestions

The Use and Abuse of the Catch-phrase in Retail Jewelry Advertising

TIMELY suggestions for Autumn wedding and holiday advertising will be received from the several advertisements grouped together in the accompanying illustration, which manifests the versatility of the "adsmith." Here are large ads., small ads., round ads., square ads., convincing ads., interesting ads., dry ads., wordy ads., and even an ad. with no words at all, save the jeweler's name. So with so extensive an assortment to study, the retail jeweler who reads these pages should have no excuse for ad. sterility. Nor should it be necessary for him to suffer brain fag as a result of racking that organ for an original and fascinating manner of telling the good qualities of his stock.

"As a Side View," illustrating rather an effective cut, is an unusual catch phrase for a jewelry ad.—perhaps too unusual to be effective. The text describes plain and ornamental combs rather interestingly. The present cut might be replaced by a good line cut of a comb, and instead of the catch phrase "As a side view" the simple words "The newest in combs" or "Attractive combs" could be used. The reader of the ad. would in this way see at a glance what was advertised, and the illustration would tend to impress the thing advertised lastingly upon his mind. Catch phrases are desirable adjuncts to an advertisement, but they are frequently abused. This ad. was printed in a space of five and a half inches, double column, by S. Reiner & Co., South Bethlehem, Pa.

The catch phrase in the four and one-quarter inch, single-column ad. of Geo. K. Munroe, Grand Forks, N. Dak., just below this, is more appropriate because it suggests the idea of buying jewelry for the prospective bride. The text is very general.

C. L. Byrd & Co., Memphis, Tenn., have a stately appearing announcement of six inches, double column, with an attractive caption.

The little three and one-quarter inch, single-column ad. of the Cady & Olmsted Jewelry Co., Kansas City, Mo., well serves the purpose for which it was intended, namely, to remind prospective purchasers that they should take advantage of prevailing discounts.

Howard & Co., New York, are conducting a persistent advertising campaign in the New York daily papers, the style of the advertisements which appear daily being very similar in make-up, which similarity seems to be the very purpose of the ad. writer in his mode of exploiting pearl necklaces. The illustration makes a good line border.

The ad. of Geo. H. Newstedt, Cincinnati, O., is an original effort to advertise an article by means of an illustration alone. The illustration was centered and used in a space of four and three-quarter inches, single column, having beneath it simply the advertiser's name. The large amount of white space adds to the attractiveness of this announcement, which, although practically wordless, ought, by its very nature, to create in the mind of the femininc reader a desire to add another bracelet to her collection.

Both an illustrated and a plain typographical ad. of the Mermod, Jaccard & King Jewelry Co., St. Louis, Mo., are incorporated in this group. Both advertisements occupied a space of nine inches, triple column. The first advertisement is evidently intended to appeal to a high-class patronage. The prices in the second are more popular.

M. B. Parks, Salt Lake City, Utah, knows something about the principles of advertising, as evinced by his two little single-



HOW SOME HUSTLING JEWELERS IN VARIOUS TERRITORIES ARE NOW USING THEIR ADVERTISING SPACE.

Retail Advertising Department.

column announcements. The coined word "Timesmiths" makes an original catch word in one of his announcements. The facetious style and ambiguity in the other, requesting the reader to look in the show window, will probably arouse enough curiosity to make the reader obey the advertised request.

A very appropriate border sets off the advertisement of the Delijohn Institute, Terre Haute, Ind.

Below this is another Newstedt ad., reduced from four inches, single column.

The head piece containing the words "We Show," used by C. Edewaard, an optometrist of Paterson, N. J., is attractive enough, but probably a little out of place in an optometrist's advertisement.

The cuts in the ad. of the Peebles Merchandise Co., Columbus, O., look as if they might fall off into space at any moment, and the rays emanating from the diamond in the upper right-hand corner remind one of the Morse telegraphic code. The printer did his duty fairly well with the typographical display.

Silver table ware is well advertised by Hess & Culbertson Jewelry Co., St. Louis, Mo., in an advertisement of six and one-quarter inches, double column.

What Some Jewelers Say.

OUR watches travel far and wide with their possessor. We hear from some in far-off Alaska, some from the veldt of South Africa, from Greenland's icy mountains, and at last one of our ladies' watches is now with its fair owner on a trip somewhere along the equator. Our special watch offer is hard to beat. One gentleman's watch, solid gold filled case, guaranteed 20 years, Waltham or Elgin movement, five years' guarantee, only $9.75. Same watch as the above, 17 jewels, $11.75. Our special ladies' watch, hunting case, solid gold filled, splendid guaranteed movement, small and dainty, only $12. We are headquarters for watches and guarantee to suit the most exacting taste as well to excellency of movement as to durability and style of appearance. At the sign of the crown.—Fred. Brodegaard & Co., Omaha, Nebr.

A Mission Clock—Splendid for the mantel, the den, office or any other place; has a solid oak frame, beautifully finished, reliable works, polished brass hands and figures. It's really an artistic clock and our price is so reasonable.—W. C. Cornell, Newburgh, N. Y.

Diamonds—We are daily in acknowledgment of unimpeachable proofs of the unequaled superiority of our stock of diamonds, their beautiful cutting, their extraordinary brilliancy and their low price—by people who had looked here, gone elsewhere to look and came back and purchased here.—Frank Holt & Co, Newark, N. J.

Gift Things—Weddings and graduations make needs for lots of presents in the Spring, and one must buy economically. A pretty piece of jewelry is best at the price you want to pay—a silver spoon, locket, chain, umbrella, hair comb piece of cut glass and many other nice things. You'll enjoy seeing our line and the moderateness of the prices will surprise you.—Jno. D. Greene & Co., Utica, N. Y.

It is not so wonderful why some men succeed. You have got to look prosperous, and the sure sign of prosperity is a handsome, sparkling diamond. I have quantities of that kind bought long before the many advances in price. Savings banks pay three per cent.; diamonds advance 20 per cent. annually, and will continue to do so for years to come. I am selling the better grades of diamonds at less than the lowest wholesale prices. "Get the elevator habit." Walter W. Winton, Scranton, Pa.

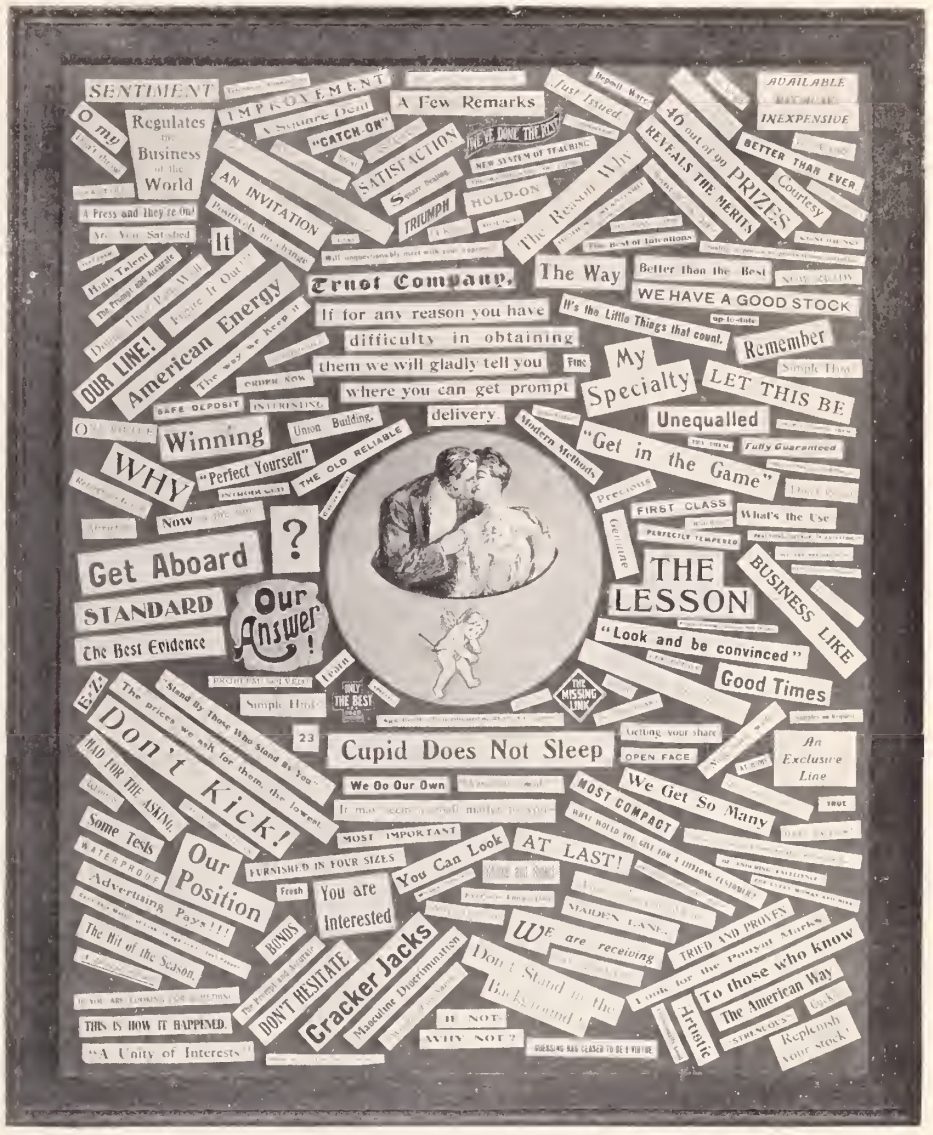
Wrinkles are often caused by defective eyesight. It is not the use of the eyes that injures them; it is the neglect that causes trouble. Remember, we devote our entire time to the examination of the eye and the fitting of glasses. Hines Optical Co., Charleston, S. C.

The style and fit of our spectacles and eyeglasses is superior to any other make. We take especial care to have the lenses and frames conform to the features. The filling of oculists' prescriptions is our specialty. Ask us to show you the Trupoiz eyeglass. E. B. Meyrowitz, St. Paul, Minn.

A Reader's Tribute to the Jewelers' Circular-Weekly's Advertising Pages.

THE accompanying illustration, reproduced from an original, 18 x 21¾ inches, shows a collection of catch phrases and samples of variegated type fonts clipped from advertisements which have appeared in recent issues of THE CIRCULAR-WEEKLY.

The original has an attractive mission



FRAMED CATCH-PHRASES AND TYPE STYLES CLIPPED BY A READER FROM THE CIRCULAR-WEEKLY'S ADVERTISING PAGES.

wood frame, the different words and phrases being pasted on red mat-board for a background. The illustration in the center is set in a round panel on a white background. The work was executed by J. H. Coon, now with Frank A. Elmer, Hudson, N. Y., and will make a useful and ornamental addition to the ad. writer's sanctum.

E. G. Swezey has renovated the interior of his store in the Hulse building, on W. Main St., Goshen, N. Y.

STORE KEEPING DEPARTMENT.



That this department shall prove mutually beneficial to our readers, it is desirable that the members of the trade generally communicate with THE JEWELERS' CIRCULAR-WEEKLY regarding any advantageous device or plan which they are utilizing in connection with their business.

Original Window Display *for* All Hallowe'en

Simplicity, Attractiveness and Economy the Essential Features

THE predominant feature of the All Hallowe'en window display illustrated below is the color scheme, which is red. Against the background arrange branches and clusters of brilliantly colored Autumn leaves, which may be procured at very little expense. The real leaves, for that matter, may be used, if desired, instead of the imitation. At the sides, just below these, display hand mirrors, which, with the candlesticks in the center, are timely articles suggestive of the quaint Hallowe'en superstitions, which are even now quite prevalent.

The central foreground effect is gotten by arranging a circle of apples around the candlesticks and placing an attractive piece of jewelry in a box between each two apples. Exhibit watch chains, jewelry on cards and silver toilet sets in boxes as shown in the illustration. Apples are suspended from fancy chains in the central background.

This display may be made by any jeweler with no extravagant outlay, and may also be considerably elaborated with a little extra expense. Appropriate adjunctive decorations which might be used with good effect are paper jack-o'-lanterns, tiny pumpkins, etc. THE CIRCULAR-WEEKLY will gladly furnish all information as to where these may be obtained.

Jewelers who make use of striking and timely window displays of this character should not fail to call attention to that fact in their newspaper advertisements. Just a line in reference to it, and printed in readable type below the body of the ad., will suffice to enhance considerably the effectiveness of both the ad. and the window display.



AN ATTRACTIVE ALL HALLOWE'EN WINDOW DISPLAY FOR THE RETAIL JEWELER.
(*Drawn expressly for* THE JEWELERS' CIRCULAR-WEEKLY.)

For "An Original Window Display for Thanksgiving" see the Storekeeping Department of the Circular-Weekly, issue of Nov. 7.

Storekeeping Department.

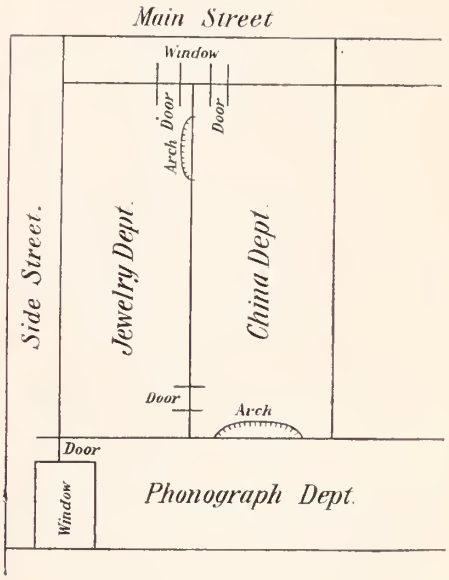
An Attractive Retail Jewelry Store of Massillon, O.

THE store represented in the accompanying illustrations is owned by C. J. Duncan, Massillon, O. It is located at the corner of Mill and Plum Sts., and is 60 feet long and 18½ feet wide. The fixtures, etc., are of oak. The main show window is six feet high, 15 feet wide and four feet deep. The lighting facilities include numerous small arc lights, besides a large electric chandelier in the center of the ceiling.

The establishment consists of a jewelry department, china department, recently added, and a phonograph department. The latter is conducted on a rather extensive scale, and is one of Mr. Duncan's most profitable side lines. The space which it occupies is 22 feet wide and 60 feet deep.



INTERIOR VIEW OF THE JEWELRY STORE OF C. J. DUNCAN, MASSILLON, O.



LAYOUT OF THE DUNCAN STORE.

The accompanying diagram will give a clear idea of the lay-out of the entire store. As will be noticed, there are three entrances, two on Main St. and one from the side street. Connecting the jewelry and china departments are an arch and a door; an arch also leads from the china department to the phonograph department.

It is estimated that about 5,000 persons attended the formal opening of the newly furnished establishment, a short time ago. Among the attractions which interested many of the visitors was the famous diamond collar formerly owned by Mrs. Cassie Chadwick. The collar was kept on display in the show window for several days for the benefit of those who were unable to see it on the evening when the store was opened. The store was artistically decorated with flowers and plants, and souvenirs were presented to all the ladies who attended.

The store of J. Milton Dilworth, Crab Orchard, Nebr., was damaged by fire recently to the extent of $350.

Things to be Considered by the Storekeeper.

JUST at this time of year arise three important questions to be settled by every merchant in the United States, says the *General Merchants' Review*. The writer has called attention to these before, but the subject is one of so great importance that it is advisable to call attention to it again and every year hence at this season. (1) Proper fire protection. (2) Proper store lighting. (3) Suitable store fixtures.

The question of fire protection is the most important and should be looked to first. Good insurance is essential, and every store should be fitted up with a good reliable fire extinguishing system. The right kind are efficient and not very expensive. Such a system may save thousands of dollars and is always protection against fire.

Lighting is very important now, as the days are growing shorter and shorter, and the store that gets the business is the store that is well lighted. If you live in a town where there is no gas or electricity, or even if you do and want to save money, there are several safe, sure and efficient gasoline lighting systems on the market worth looking into.

Store fixtures are always an important consideration, but now that the Fall openings are on, Thanksgiving next and then Christmas, the merchant should be very careful to see that his fixtures are fitted to his store and the class of trade he caters to.

Song of the Advertiser.

(To the melody of "Tammany.")
Advertise!
Advertise!
Why the h——— don't you get wise—
Use an ad. of striking size—
Advertise!
Advertise!
Swamp 'em! Swamp 'em!
Get their wampum!
Advertise!

—*Geo. Wendell Bates.*

"Good Advice."

(By Piccolo in *Adsense.*)

THERE are some particular things about your work that you dislike to do, aren't there? You grow into the habit of putting them off until last, don't you? The thought that they must be done, however, clings to you all day and you feel very unpleasant about it. Now this state of mind affects your usefulness to your employer, as it makes you less successful in the performance of your other duties. If you want to get ahead in the world, do the things you hate to do first, and the rest of the work will be easy and agreeable to you. You will then be more genial and successful with the people around you for the remainder of the day. Think of this.

* * *

Do not grumble when things seem to go wrong. Just smile and work earnestly to make them go right. It's not the world that's out of order, it's yourself, and the world appears gloomy only because you are, for the moment, looking at it through smoky spectacles.

* * *

It is not easy to make money in business. Very often your employer will find that a whole year's business has yielded not a cent of profit on his investment. Every little thing counts and every little thing costs. Expenses of doing business are heavy and gain is not always as much as expense. If the employer doesn't make money, he can't afford to pay you as much. You can help him and help yourself by preventing waste and loss of the little things.

* * *

You are not loyal to your employer if you say unpleasant things of him, or of his business. You are not even loyal to yourself while these thoughts are entertained by your mind; you cannot reason as well nor as clearly, you are certainly less effective for your employer, and therefore less effective for the advancement of your own interests.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM —PERFECTLY TEMPERED

Made in GERMANY — Zeuner Trade Mark No. 2

FILES — TRADE ONLY THE BEST ARE GOOD ENOUGH MARK — TOOLS

Such is the ZEUNER SAW.

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.

HERPERS BROS.,

MAKERS OF

BRACELET SETTINGS

IN 10, 14 AND 18 KARAT GOLD AND IN PLATINUM.

ALSO A COMPLETE LINE OF GALLERIES AND FINDINGS.

GALLERIES

12 NEW PATTERNS

OFFICE AND FACTORY NEWARK, N. J., U. S. A.

NEW YORK BRANCH 41-43 MAIDEN LANE



S. MARTIN JEWELERS' AUCTIONEER

840 SUMMIT AVE., MILWAUKEE, WIS.

L. D. PHONE, LAKE 663

Refer to Last Sales:

L. Lechenger Houston, Tex., 2 sales.
A. H. Richards, El Paso, Tex., 4 sales.
Mermod, Jaccard & King Co., St. Louis, Mo., 4 sales.

The Thimble House.



No. 149.

Thimbles are not a side line with us—They are our main business. We study Thimbles, our designers study thimbles, our workmen study thimbles—The result is the finest and largest line of Thimbles on the Market.



No. 136.

KETCHAM & McDOUGALL,

Manufacturers,

37 & 39 Maiden Lane, New York.

Send for Catalogue. *Established 1832.*

ALSO MAKERS OF THE NEW AUTOMATIC EYE-GLASS HOLDERS.



GEO. KEPPLER

Designer, Modeler and Die-Cutter

(MECHANICAL ENGRAVING)

Highest Art in Jewelry and Silver Novelties.
Figures, Portraits, Watch Case Decorations.
Fine Castings in Gold, Silver and Bronze.

Before placing your orders call on us, and look over our entirely new and extensive collection of designs and models.

201 East 16th Street NEW YORK

GLARDONS' SWISS FILES

are the

HIGHEST STANDARD of Excellence.

We are Sole Agents for the United States and Canada.

F. W. Gesswein Company,

Established 1868. Incorporated 1896.

WILLIAM DIXON, PREST.

Dealers in Fine Tools and Supplies,

39 John Street, New York.

CRUCIBLES.



Jewelers' Supplies, Etc.

Established 1850.

J. & H. BERGE,

95 John Street, NEW YORK.



PRACTICAL COURSE IN ADJUSTING.

Published Price, $2.50.

Special Reduced Price, $1.50, Postpaid.

All Jobbers or Jewelers' Circular Publishing Co.



[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1682.—**Defective Gold Plating.**—*I do my own coloring and never had difficulty in producing a rich yellow color until lately, when I have not been able to produce anything but a dull, dirty yellow. I have tried new solutions, new anodes, etc., with no better results. It is not the fault of the scratch brushing, as I am careful to have the article thoroughly wet during the process. I think I must have unconsciously done something with my other solutions which assisted me in the plating. I use a K. & D. plating dynamo and rheostat. I would thank you if you would give me full directions for making the solution and doing the plating.* T. L.

ANSWER:—If your gold solution formerly gave you results, then there may be something the matter with the dynamo, perhaps there is not enough current to bring out the color. There are only two points to be looked at when plating of any kind turns dark, either the solution is run down or there is not enough electric current. After giving a flash of gold, the pieces may be scratch brushed, and then after another coating has been deposited, brighter results will often ensue. For a solution of Roman gold, for jewelry, the following solution gives good results: Distilled water, 1 gal.; phosphate of soda, 8 ozs.; sulphite of soda, 2 ozs.; cyanide of potassium, 8 dwts.; chloride of gold, 5 dwts. Have this at a temperature of about 100° and use a 24 kt. anode.

QUESTION No. 1683.—**Bent Teeth on Spring Barrel.**—*Have you ever found one or more teeth bent on the spring barrel of a watch, caused by the breaking of the mainspring, either of Swiss or American make? I refer to those without the patent pinion. I have found several cases of this kind during my 24 years' experience, but I had a customer who thought I must have done it myself, so I wish to get this answer from the best watchmaker in the United States, if possible. I told him the safety pinion was put there for just such purposes —to prevent any damages from the recoil of the spring when breaking. An answer from some outsider who is well posted will settle this mistrust.* A. F.

ANSWER:—Our horological expert endorses the statement you have made in regard to the above as being strictly correct, and it is true that such accidents happen in going barrels, especially in Swiss watches.

QUESTION No. 1684.—**Anti-Oxidizing Solution.**—*Can you give a recipe for an anti-oxidizing solution for soldering finished gold work?* G. E. B.

ANSWER:—A good anti-oxidizer is made by taking four ounces of rain—or, better, distilled—water and making a saturated solution with boric acid. Then add one-fourth ounce of pulverized borax. To apply, heat the article, and when warm paint it with a camel's hair brush dipped in the solution. This method is good for engraved or other jewelry which does not contain any stone. In the latter case the following solution should be used. Take an ounce of alcohol (grain or wood) and dissolve as much boric acid in it as it will absorb. To apply, dip the article into the solution, withdraw and ignite, when it will burn off with a green flame and leave a thin white uniform coating upon the article. Should a transparent anti-oxidizer be desired, add ammonia, largely diluted with water, to the latter solution until it becomes perfectly clear. Before applying be sure to have the article perfectly clean. Paint with a camel's hair brush moistened with the liquid, and place on a warm piece of charcoal to dry. When dry, do not handle the article more than is necessary.

QUESTION No. 1685.—**Coloring Cast Bronze.**—*Can you give me a formula for coloring a piece of cast bronze after it has been chased and buffed? I want to give it that soft, dark effect seen in banks and public buildings, as the buff leaves it bright and brassy, which is not desirable.* W. R.

ANSWER:—The formulæ for coloring bronzes are obscured by many trade secrets, some of which may be found in the German text books. A popular formula often employed with copper and copper alloys consists of colcothan (oxygen of iron) mixed in a paste with water. This, if painted over the metal, will, after the metal has been made red hot, form a layer of red oxide of copper and produce a reddish brown color. After cooling, the excess of oxide is wiped off with a cloth or with a soft brush.

QUESTION No. 1686.—**To Remove Coloring Without Electric Current.**—*Please inform me how I can remove Roman coloring on rings, etc., without polishing or using electric current. There must be some liquid solution for the purpose, as polishing spoils designs on the articles. Also tell me how to remove the green color after soldering gold, i.e., a stripping solution for gold.* M. B., Jr.

ANSWER:—To remove the coloring from gold articles, scratch brushing with a revolving brass wire brush and sometimes beer will answer the purpose. When the polish will not permit of this it is necessary to produce the desired shade by coloring, of which there are many ways. One of the simplest methods is to purchase the prepared coloring salts for this purpose; another way is to do the coloring in the following manner: For good gold—that is, 18 karat or finer—melt in a common pipkin the following articles: Alum, three ounces; nitrate of potassium (saltpetre), six ounces; sulphate of zinc, three ounces; common salt, three ounces. When melted, mix well together and immerse the article to be colored in it, removing occasionally to examine the color. When the color appears satisfactory, remove the article, place it on a piece of sheet iron and allow to cool; then immerse in diluted sulphuric acid, which will remove the flux, after which they may be rinsed in warm water, to which a little potash has been added, and finally brushed with soap and hot water; rinse again in water and dry in clean, warm boxwood sawdust. This preparation can also be used on plated goods. For inferior qualities of gold —that is, from 18 karat down to 12 karat— use the following composition: Nitrate of potassa, four ounces; alum, two ounces; common salt, two ounces. Add enough warm water to make the whole into a thin paste, place it in a small pipkin or crucible, and boil. Attach a thin wire to the article to be colored, and hang it in the paste, allowing it to remain from 10 to 20 minutes. Then remove it, rinse in hot water, treat it with the scratch brush, rinse again, and replace in the coloring pot for a few minutes. The length of time it is subjected to the action of the coloring bath depends, of course, on the amount of alloy to be removed. When the proper color is obtained, the article is removed, rinsed and scratch brushed as before, then brushed with soap and hot water; again rinse in hot water and dry in sawdust. In soldering gold articles they may be protected by using an anti-oxidizer, which can be purchased prepared, or use powdered whiting and water and paint the gold over with this, which will protect the gold from oxidizing during soldering. A jeweler's pickle to remove the green coloring after soldering is made of five parts of water and one of sulphuric acid; when something is wanted which will "take hold" more than this, a little muriatic acid is added to it. From Roman colored goods, special muriatic acid is added. If the jeweler has trouble with a gold article, and it looks green or white after remaining in the above sulphuric acid and saltpetre (equal parts), heat it boiling hot, hang the articles on a hook made of copper wire, dip in the boiling liquid, and then wash. If the color is not good, repeat the operation. The brass wire scratch brush and wet fine pumice stone will remove ordinary deposits of gold from gilded articles in a few moments. If pieces are to be stripped in the regular way, see question No. 1506, March 14, 1906.

QUESTION No. 1687.—**Bismuth Alloy as Cement.**—*I desire a cement that I can use on a combination metal and glass lamp, and that will not be affected by petroleum.* B. A.

ANSWER:—A cement known as bismuth alloy cement will not be affected by petroleum, and is therefore suitable for cementing lamps. It is composed of two parts of tin, 2.5 parts of bismuth and three parts of lead, which melts at 212 degrees.

Engelbert Guehna, Sheboygan, Wis., has discontinued business.



Small Pieces

Objets de Vertu for Cabinets.
Unique and Genre Figures.
Miniatures.

THE APPEAL made by any work of art does not bear any necessary relation to its size. Imposing dimensions fail to impress if other elements be lacking. The smaller pieces are capable of bearing the impress of genuis. These more minute examples often yield the greatest delight to the collector and connoisseur.

Every art lover has his cabinet, his little shelves, nooks and crannies to accommodate his selections in this class. Often it is a "hobby"—an excellent one. Your Art Department should make ample provision for this demand.

In this connection your attention is called to our display of unique pieces in Ivory and Dutch Silver, also dainty vases, ornamental boxes, miniatures, etc. Chaste examples of carving, enameling and painting.

FERDINAND BING & CO.'S SUCCESSORS

Special Wares for the Art Department of Jewelers.

10 Washington Place, NEW YORK.

The CONNOISSEUR

Devoted to Art Pottery, China, Marbles, Bronzes, Cut and Decorated Glass Ware, Bric-à-Brac, Lamps, Art Metal Wares, Fancy Goods and Kindred Lines.

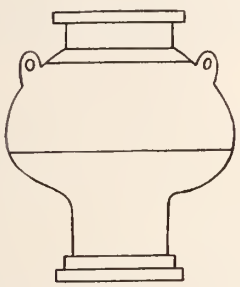
The Pots and Drinking Vessels of Ancient Greece

A Short History and Description of Some of the Important Classical Shapes Now Used in Pottery and Metal Ware.

(*Continued from issue of Oct.* 10.)

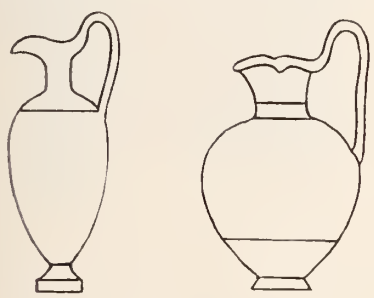
DISTRIBUTING VESSELS (CONTINUED).

THE *Psycter,* or *Psygeus,* must be numbered with the most celebrated ancient vases. Its make-up creates most profound respect and astonishment in those who examine the beautiful specimens still existing. Fashioned on the same plan as some of the modern water coolers, its beauty of design



PSYCTER (FIFTH CENTURY).

will permit no comparison. It has a double wall, so that the snow cooled the wine in the central cavity by being packed around it without coming in contact with the beverage. To make its design absolutely perfect from the point of utility a projecting outlet was provided in front at the foot, through



TWO FORMS OF THE ŒNOCHOË.

which the water from the melting snow escaped. The form of the body usually followed pretty closely that of the *Bacchic* amphora. The one depicted on these pages is of spheroidal body, short neck and cylindrical foot. An ancient *psycter* in the British Museum has the space between the walls filled in with chalk. Some experts declare this to be the core used in the baking. When in use the *psycter* was usually stood up on a tripod. The decorative subjects are always black on red background.

* * *

The *Dinos* was a crater large enough to hold wine for a family. It was round, had a large mouth, and its base ended in that rounded or pointed extremity seen in the earliest styles of crater.

* * *

A certain vase, known as the *Holmos,* appears to have been a variety of crater, as wine was drawn from it. Considerable obscurity surrounds it, as one ancient writer speaks of it as though it resembled a helmet in form, whereas others describe the *holmos* as a "large hemispherical vase having flat or pointed base." It is said to have been supported on a trumpet-shaped stand of Egyptian style.

The *Deinos,* or *Scaphe,* probably also



OLPE.

belonged to the *crater* class, being of the *lebes,* or cauldron, form.

* * *

The *Œnochoë* is a vase strictly belonging to ancient Greece's most beautiful types. It has been compared by connoisseurs as corresponding to our own wine decanters. A jug having round lip, short neck and banded handle rising above the rim is one type of this vase. The decoration usually found on this type is placed in front. In others, again, in the cream-colored vases more especially, the subject extends all way around. The "Nolan" ware form becomes more slender, the body tends to the oval. The handles have greater elongation, thus rendering them a superb conception. They are of a later period.

The trefoil (ivy leaf) shaped lip was very general on this vase.

The method of use of these vases was for the jug bearer, a youth called the *œnochoos,* to dip the receptacle into the crater till filled, and then to fill the guests' cups therefrom. A peculiar tradition made it an evil omen to place the *œnochoë* on the crater; the ominous conditions probably extended no further than that it was a gentle hint (and religiously lived up to) that such an act ended the feast.

The *Œnochoë* was one of the vases that figured in sacerdotal rites as well as at banquets.

* * *

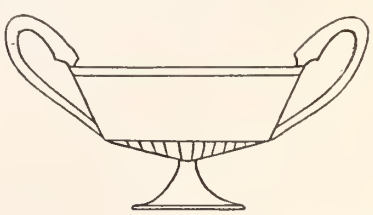
The *Olpe,* also a wine dipper used in distributing the *crater's* contents, appears to have been, according to some authorities, a



CYATHOS.

jug intermediate between the *œnochoë* and the *lecythus.* Probably its original was made of leather as a species of bottle. Some write of the *olpe* as of metallic construction. The most ancient writers speak of it. Sappho tells of "Hermes holding an *olpis* and ministering wine to the gods." Ion of Chios speaks of "drawing wine in *olpes* from mighty *craters.*"

Our present conception of the *olpe's* form



CANTHARUS.

is that Greek vase with handle extending above the rim and with no lip or spout.

* * *

The *Aristychos,* whose form is not known, was a vase for drawing wine from the *crater.* It was also called the *ephebos,* named after the youth (*ephebe*) who carried it around to serve its contents.

It might be well to mention here the

C. DORFLINGER & SONS,

36 MURRAY STREET, NEW YORK.

Works, White Mills, Wayne Co., Penna.

Manufacturers of plain and cut Table Glassware of the highest quality.



Royal Doulton China

THIS EXQUISITE NOVELTY TELLS THE QUAINT STORY OF

"The Jackdaw of Rheims"

DECORATED IN BEAUTIFUL COLORS IN A LARGE VARIETY OF

VASES, JUGS, TOBACCO JARS, Etc.

W. S. PITCAIRN

SOLE AGENT,

44 Murray Street, New York



No. 822, MATCH HOLDER

Cromwell

One of our many novelties

Maple City Glass Co.,

CUT GLASS TABLEWARE.

Hawley, Pa.

SALESROOMS:

New York—H. B. Stites, 253 Broadway.
Baltimore—Green & Thomas, 33 S. Charles St.
Boston—Sweetser-Bennett Co., 101 Tremont St.
Buffalo—J. R. Stadlinger, 685 Main St.
Indianapolis—J. A. Dugan Co., 22 S. Capitol Ave.
Duluth—Duluth Crockery Co., 6th Ave. and West St.
Denver—Western Selling Co., 422 Charles Block.

"CAULDON" ENGLISH CHINA



Finest product of the potter's art.

No competition from department stores.

Sold exclusively to legitimate jewelry and china houses.

Call and inspect the line or write and we will forward samples.

EDWARD BOOTE

46 West Broadway, New York

100% Profit in Japanese Goods



Wholesale Price of Vase illustrated, $1.13; retails at $2.25

SPECIAL ASSORTMENT OF

SILVERINE CLOISONNE VASES

16 pieces, assorted sizes, for $30.00. Further assortments of Bric-a-Brac and Satsumas.

A. L. TUSKA

Direct Importer of Japanese Curios, Art Pottery, Ivory, Cloisonnes and Novelties of every description.

55 MURRAY STREET, NEW YORK, N.Y.

W.G. & Co. FRANCE

GUERIN CHINA

of LIMOGES, FRANCE.

Our gold incrusted patterns are recognized by the trade as "STANDARDS." This line, because of its quality and rich effects, is especially desirable for Jewelers.

NEW SAMPLES NOW READY.

Wm. Guerin & Co.

Sole Agent: CHARLES STREIFF, 33 Park Place, New York.

CATALOG A customer comes into your *Store*, wants something you haven't got, and it makes you fidgety. No need fretting when one of our Catalogs is at your elbow. What you want is there. A friend in need is a friend indeed.

OSKAMP, NOLTING & CO.,

413-415-417 Elm St., CINCINNATI, OHIO

names of some other Grecian vases, the names of which have survived in ancient writings, but of whose form or use nothing definite is known. Of such are the *œnerysis, aryter, aryseis.*

* * *

The *Cyathos,* a name implying ladle, had a very long handle, reaching far above its bowl, as is shown on page 125. It was used for drawing undiluted wine from a *crater* and serving up in cups to which were afterwards added the water from a



CANTHARUS (BACCHANTE).

pitcher. The *cyathos* was often made of bronze.

DRINKING VESSELS, ETC.

Never has the potter's art achieved greater excellence in the formation of drinking utensils than is exposed to modern eyes in the examples handed down to us by ancient Greece. Their forms were both perfect and diverse, and it would be difficult for the



COTYLISKOS.

present-day designer of ceramics to conceive an elegant outline in this branch of work that had not already its counterpart in that ancient ware.

Perhaps the *Cantharus* may be taken as the most popular form of cup in use in those days. Its name was probably derived from the resemblance of earlier types to the *beetle,* or *cantharis* (*cantharides*). It was usually of earthenware. Starting in earliest



CARCHESION.

types void of any stem, in the black Etruscan ware it attained eventually to a tall, slender stem in its later types. What few of the *cantharus* types in ceramics have any decoration whatever show the red figure on a black background.

The *Cantharus* was the cup utilized by Bacchus in his carousals. It had very long ears, two of them.

* * *

The *Cotylus* is mentioned by Eratosthenes as "the most beautiful and best cup for drinking." It was turned out of clay from Mount Colias.

* * *

The *Cotyliskos,* or little *Cotylus,* was the title given to a small vase, apparently but little adapted for drinking out of. It occurs often without any handle.

* * *

The *Carchesion* was a species of cup. Its peculiar two handles rose above the rim, at which point a cross-bar, or brace, connected it with the body. It was a great favorite in pageants and Bacchanalian routs.

(To be continued.)

Can Pearls Die?

(Translated from *Deutsche Goldschmiede Zeitung.*)

IN the Louvre Museum at Paris is to be seen a pearl necklace on its deathbed. Not literally on a bed, but on a velvet cushion. It is the great necklace left by the great diplomat and statesman, Thiers, which once belonged to this prominent statesman's deceased wife. It is mounted in an unostentatious style, and has no value as an article *de vertu* beyond the former value of the pearls, which was about $69,000. It consists of 145 pearls in three rows, which weigh altogether 2,097 grains. The three largest pearls weigh 36, 39 and 51 grains.

The pearls of this necklace are destined to die, as they are gradually losing their luster from day to day, and will during the next few decades turn as black as the faded roses of the much handled wreath. But why? Because pearls will only retain their original luster when they are worn by beautiful women and come in frequent contact with the warm skin of the wearer.

When a pearl necklace is removed from the neck, where it has been exposed to a high temperature, and is placed on a cold marble tablet, which is of about one-half of such high temperature, it may be justly inferred that the scales of the pearls will contract and lose some of their brilliancy. When pearl necklaces are habitually placed on velvet cushions, after having been worn, this circumstance may also well contribute to the detriment of the beauty of a pearl, while the chemical composition of the color may be an additional factor in this direction, not to overlook the effects of a strong light.

The management of the Louvre Museum has held this necklace of M. Thiers in high esteem, and it has probably noticed the gradual deterioration with serious concern. The lack of authority to do so has no doubt prevented the Board of Managers from taking the responsibility of experimental steps advised by competent experts to save this necklace from further deterioration.

How long pearls do live—*i. e.,* retain their luster—has not been determined. That examples do exist where pearls have retained their beauty for several hundred years are on record. On the other hand, it has also been demonstrated that under adverse treatment pearls will die quickly, justifying the proverb, "You must not throw pearls to swine."



ARTISTIC LAMPS AND CHANDELIERS.

LAMPS, domes and chandeliers of all sorts are displayed in a tempting manner to the buyers who call at the salesrooms of John Morgan & Sons, 32 E. 9th St., New York. The standards for electroliers and piano lamps are made in hammered brass, the designers exhibiting a high degree of skill in the patterns. The domes and shades are made in opalescent, mosaic and chipped glass effects. The pieces of glass are bound in brass or copper and soldered, and then bent in numerous artistic shapes. Fruit and floral patterns are painted and fired on some of the globes, while others depend for their effect entirely upon the arrangement of the myriads of pieces of colored glass. The split glass globes, which were in considerable favor several years ago, are again selling well. The glass, coming in a large mass, is broken with a hammer into smaller pieces, which are then skilfully put together, permitting a beautiful play of light effects. All the work of cutting the glass, binding the pieces and bending the forms, for globes, as well as making the standards, is done at the company's works.

*

AMERICAN ART METAL WARES IN DEMAND.

WHEN THE RAMBLER called recently in the salesrooms of the Bradley & Hubbard Mfg. Co., 26 Park Pl., New York, the manager said that because of the growing demand for art products in brass and bronze, the factory has been hard put to fill orders. The buyers made their selections in anticipation of the holiday trade somewhat earlier than usual. The company encourages its customers to place their orders at the same time that import business is being booked by the representatives of foreign manufacturers. This gives leeway to the factory in Meriden in producing the articles which sell best. Although the heavy part of the buying for the Fall and holiday trade was done early in the season, yet duplicate orders and the orders of merchants who postponed making their selections until a late day have and are now adding to the original business. The exhibit in the salesrooms is as wide and comprehensive as in past seasons. Among the several lines the desk fixtures continue a strong feature. The Murano finish has met with a most favorable reception. Bronze castings in open work are used as mountings for colored glass and there are many designs from which to select. In staple brass articles much ingenuity has been shown in imparting a variety to the finish. Colonial brass shows bright colors and artistic shading.

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Handsome Fresh Water Pearls Found This Season in the Western Rivers of the United States.

ILLUSTRATED on this page is the pearl found by William Bates, Red Wing, Minn., several months ago, in the Wisconsin channel of the Mississippi River. The pearl is shown lying in the shell, in which it was found, the illustration being slightly more than actual size.

This pearl changed hands a number of times before reaching New York, where Maurice Brower, New York, bought it. It was round and white, weighed 68 grains, and is said to be the largest fresh water pearl found in any of the western rivers in the present year. Mr. Brower said he sold it to the first man to whom he showed it. While the price has not been definitely indicated, it has been intimated that $15,000 was not above the actual figure.

Another of the valuable pearls found in the present season was a pink-white round gem. Although it weighed only 45 grains its value is said by Mr. Brower, who bought it from a western dealer, to have exceeded that of any other American pearl found this year, including the one found by Mr Bates. In fact, the dealer says that the 45-grain pearl which came from the White River is the finest American pearl of its size that he has ever seen. It is fully equal to the best of the Oriental pearls, it is stated, and cannot be distinguished from them by anything in its appearance. He says that after he bought this pearl he took it to a man who has for some time been collecting Oriental pearls for a necklace, and this man, upon seeing the gem, immediately bought it to put in his collection.

Pearl merchants in New York, who have visited the fisheries this season, say that there is much activity among the traders along the rivers. The number of really fine pearls that has been found is said to be small in comparison with the demand, and prices are said to be higher than in any prior season.

Exaggerated stories have been published of the high prices being paid, and fishermen are said sometimes to hold out for amounts quite out of proportion to the value of the gems. Merchants returning to New York from the fisheries say that sometimes a trader pays so much for a pearl that he cannot get back what he paid, so that there are losses as well as gains in the business.

Recent Reappraisements of China, Glass, Marble and Kindred Lines.

REAPPRAISEMENTS of decorated china, glass ware and earthen ware were recently announced as follows by the Board of United States General Appraisers, New York:

Decorated Glass Ware.—From Glasfabrik Meierhofen and Glasfabrik Karlsbad, Karlsbad, exported Feb. 24 and April 23, 1906, entered at New York (File Nos. 40198/99); findings of Board No. 2: Prices as published in reappraisement No. 7856, Aug. 8, 1906. Reappraised value affirmed.

Decorated China.—From M. Yomeda, Kobe, exported June 5, 1906, entered at Chicago (File No. 41129); findings of Hay, G. A.: Bishu cups and saucers, 3¾, entered at 1.38, packed, reappraised at 1.35, plus packing per dozen.

Decorated Earthen Ware. From E. Taurat, Dresden, exported March 17 and 31, 1906, entered at Philadelphia (File Nos. 39665 and 39969); findings of Sharretts, G. A.: Advanced by disallowance of deduction of 2 per cent. for breakage deducted on invoice.

Manufactures of Marble.—From Raffaello Batelli, Pietrasanta, exported March 22, 1906, entered at New York (File No. 39686); findings of Waite, G. A.: 2 panchini, 50 c. m., 1159, entered at 200 lire for both; do., 716, and 13 to 17, entered at 100 lire each. No advance. Discount, 5 per cent.

Decorated China.—From S. Maas, Limoges, exported March 24 to May 10, 1906, entered at New York (File Nos. 39963, 40052/53, 40350); findings of Board No. 2: Prices as published in reappraisement No. 7717, July 26, 1906. Reappraised value affirmed.

Decorated Glass Ware.—From Carl Schappel, Haida, exported Nov. 22, 1905, entered at New York (File No. 40005); findings of Board No. 2: Prices as published in reappraisement No. 7437, June 25, 1906. Reappraised value affirmed.

Decorated Earthen Ware.—From Ullmann & Engelmann, Fuerth, exported April 18, 1906, entered at Chicago (File No. 41130); findings of Waite, G. A.: Pots, 308/6/5, entered at 1.35 marks per dozen; salads, 308/4/5, entered at 5 marks per dozen; do., 308/42, entered at 5.25 marks per dozen. Discount, 3 per cent. Add packing and cases. No advance.

Decorated Earthen Ware.—From Carl Bawo, Dresden, exported June 11, 1906, entered at Chicago (File No. 40905); findings of Waite, G. A.: Cake plates, 06/23 c. m., 394/0, entered at 2.50 marks per dozen. Discount, 5 per cent. and 2 per cent. Add cases and packing. No advance.

Decorated China.—From S. Maas, Limoges, exported June 9 to July 7, 1906, entered at New York (File Nos. 40720 and 41290/91; findings of Hay, G. A.: Paquerette dinner sets, 100 pieces, 4741, 4742, 4743, inferior, entered at 31.65, reappraised at 35.70 francs per set; tea sets, 56 pieces, 4741, 4742 and 4743, Lackmann border, entered at 14, reappraised at 16.02 francs per set; Ruel tea sets, 56 pieces, 4585, 907, entered at 15, reappraised at 17.04 francs per set; do. Marcel, 4043, entered at 15.15, reappraised at 17.04 francs per set; Diane do. (Lea teas), 2705, 907, entered at 13.15, reappraised at 16.11 per set; Excelsior do. (Dorothea teas), 2843, entered at 12.95, reappraised at 16.037 francs per set. And similar goods. To entered values add 6 per cent. Reappraised values are net. Add packages.

Cut Glass Ware.—From the Cie des Cristalleries de St. Louis, Munzthal; exported May 31, 1906; entered at New York. File No. 41069. Findings of Board No. 2: Prices as published in reappraisement No. 7937, Aug. 24, 1906. Reappraised value affirmed.

Chlo. of Magnesium.—From Ellis Wilczynski, Madgeburg; exported June 16, 1906; entered at New York. File No. 40706. Findings of Board No. 2: Prices as published in reappraised No. 784, Aug. 9, 1906. Entered value sustained.



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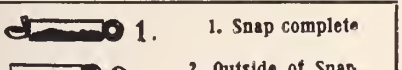
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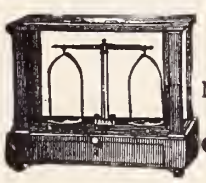
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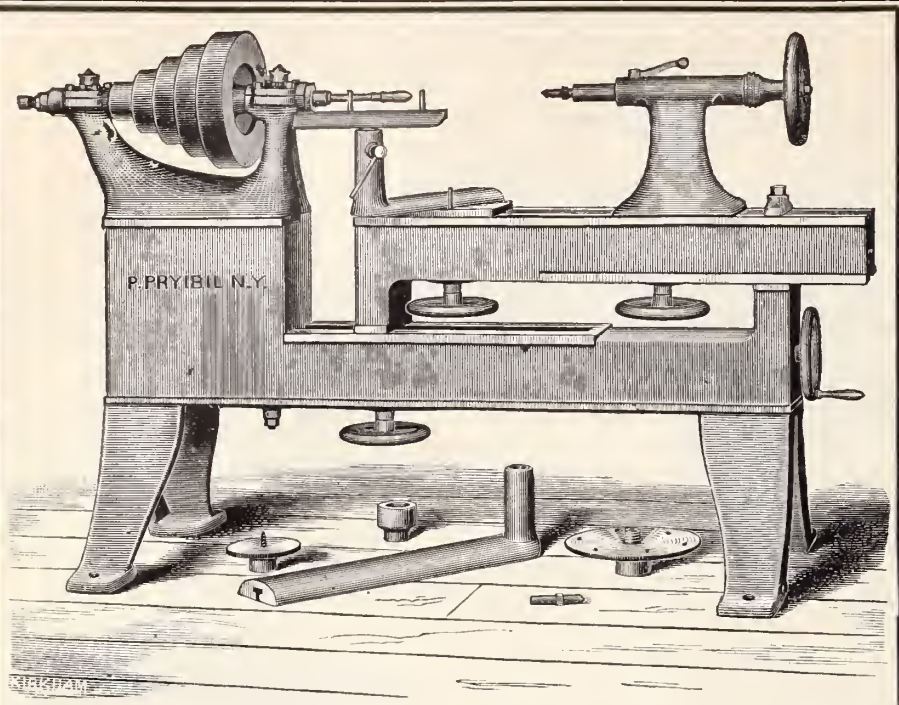
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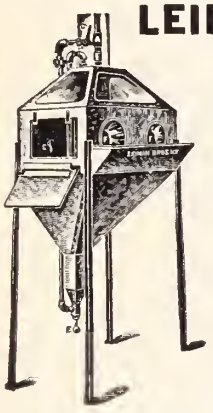
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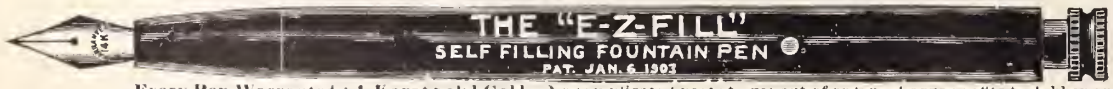
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Every Pen Warranted 14 Karat Solid Gold. No complicated parts to get out of order. Large profits to Jobber and Retailer. The only safe and practical **Self-Filling Fountain Pen** ever offered at a popular price. Made only by

DIAMOND POINT PEN CO. - 100-102 Beekman Street, New York

Largest Manufacturers of Popular Price Fountain Pens in the United States — INFRINGERS WILL BE STRICTLY PROSECUTED — Send for large illustrated price list

PLATINUM **AMERICAN PLATINUM WORKS**

NEW YORK OFFICE
41 Cortlandt Street

NEWARK, N. J.

Boxes and Trays
THAT GIVE
SATISFACTION



Velvet, Plush and Morocco Cases of Every Description for JEWELRY and SILVERWARE.

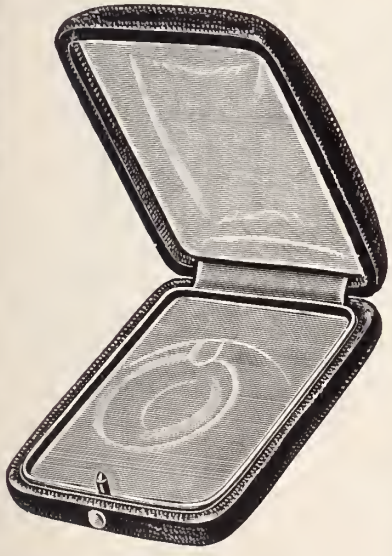
Special Cases Made to Order.

We make a Specialty of Fine Blocks and Stands for WINDOW DISPLAY.

Travelers' Trays and Cases in all Sizes.

Paper Boxes, Tags, Cards, Cotton, etc.

Visiting Buyers will find it advantageous to inspect our stock while in town.



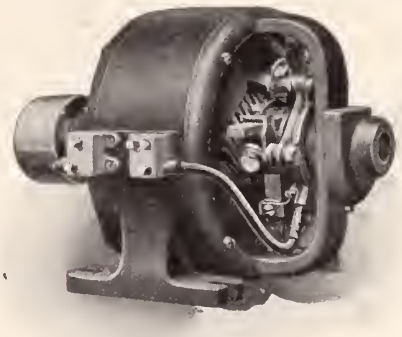
Wolfsheim & Sachs

35 MAIDEN LANE
NEW YORK

Factory 10 GOLD ST. Telephone 3518 John

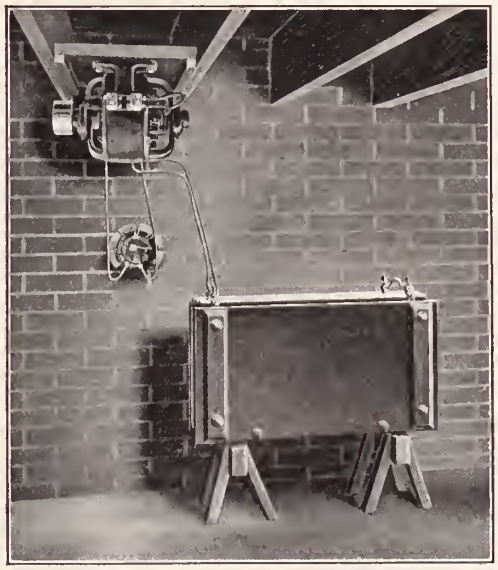
Gilding and Plating Dynamos.

SOMETHING NEW FOR JEWELERS OR SMALL PLATING SHOPS.



FURNISHED IN FOUR SIZES.

Can be used in all operations of Plating, Gilding or Silvering.



Operated in any position; on floor, ceiling or side wall. Latest features, mechanical and electrical.

Adaptability.

Economy of space.

Compound winding of fields.

Generators can be furnished direct connected to Motor, avoiding long lines of belting, effecting economy in power.

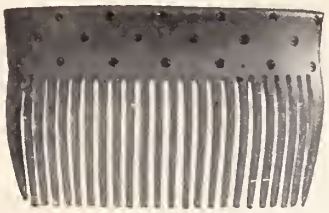
We supply everything used in Plating and Polishing.
Electrical Instruments. Storage Batteries.

THE HANSON & VAN WINKLE CO.

(ESTABLISHED 1820)

Main Office:
219-221 Market Street,
Newark, N. J., U. S. A.

Branch:
Chicago, Ill.



USE
Checo Brand Combs
for
Your Holiday Display



DON'T forget that we make a large line of trimmed combs that make beautiful holiday gifts. These will be in great demand this year, so be sure that you have a good assortment in stock. If you haven't a good assortment, write us to send you one on approval It will not cost you anything to see it, as we will send it by prepaid express. If, on examining these combs, you find any that are not satisfactory, you may return them at our expense. Don't wait until the last moment before placing your order, but send it along now. If you do not want the goods shipped at once we will hold them until later, but, by ordering early, you will not have to wait for your goods.



C. H. EDEN CO.
ATTLEBORO, MASS.

NEW YORK OFFICE - 699 BROADWAY

Address All Communications to Attleboro, Mass.



Swiss Cylinder and Mira Music Boxes



From
Toy Music Boxes
up to 25-inch
Interchangeable
Cylinder Styles.

Disk Music Boxes
from
$9.00 to $250.00.

Write for Catalogue



JACOT MUSIC BOX CO. No. 39 Union Square NEW YORK

Eliassof Bros. & Co.

A LARGE ASSORTMENT OF DIAMOND MOUNTED JEWELRY CARRIED IN STOCK

IMPORTERS AND JOBBERS OF

DIAMONDS
WATCHES
JEWELRY

9-11-13 MAIDEN LANE, NEW YORK.

100 STATE STREET, ALBANY, N.Y.

THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,

THE JEWELERS' WEEKLY.

THE JEWELERS REVIEW

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The Jewelers' Circular
Publishing Company.

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

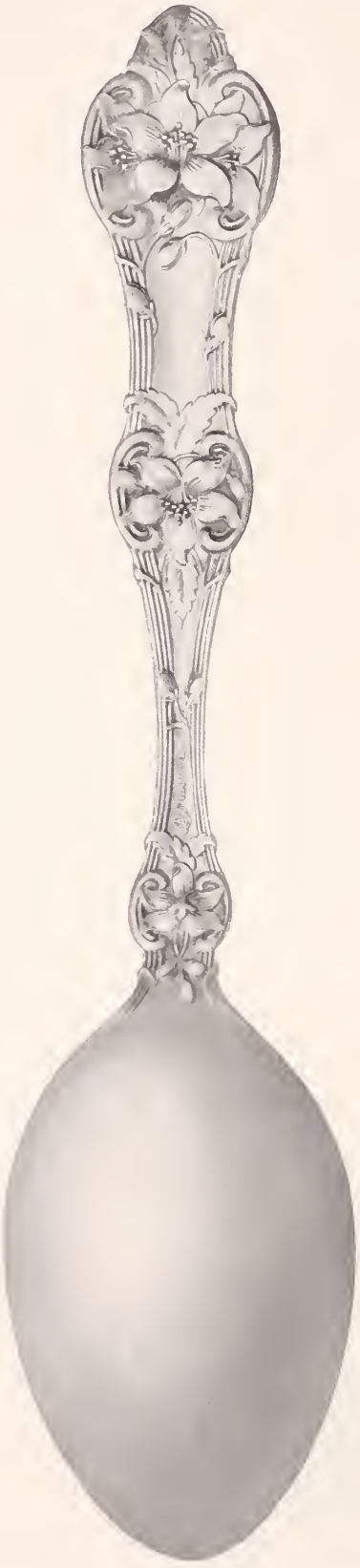
38th Year. WEDNESDAY, OCTOBER 24, 1906. Vol. LIII. No. 12.



Artistic Gold and Silver Challenge Trophy of the Chicago Yacht Club.

(*See Text on Page* 45.)

The Orange Blossom Pattern



Orange Blossoms are always associated with weddings.

If you have any wedding presents to furnish or suggest, show the Orange Blossom Pattern of Flatware—the full line of ounce goods and cutlery for large presents, or fancy pieces for more moderate presents—and be sure of pleasing your customer.

Now is the time to have your stock well assorted with appropriate wedding flatware.

Write for price list.

TRADE MARK

ALVIN MFG. CO.

Silversmiths

NEW YORK

In these days of sharp competition, and price cutting, it is worth something to know you are protected—and by whom.

The jewelers who have come in competition with the mail-order houses, and whose profits have suffered in accordance, will appreciate the fact that Fahys Gold-filled Cases are not represented in the mail-order house catalogues, and by selecting Fahys Cases will avoid such competition.

In taking this action we are consulting the welfare of the retail jeweler as well as ourselves, and feel sure reciprocity on the part of the jeweler will follow.

JOSEPH FAHYS & CO.



THE other doors *may* lead there, but ours is a straightforward way. By cutting the diamonds, we produce the goods at the least possible cost. We market them in the least expensive way. So we can sell them at lower prices than others. Doesn't this seem reasonable?

J. R. WOOD & SONS

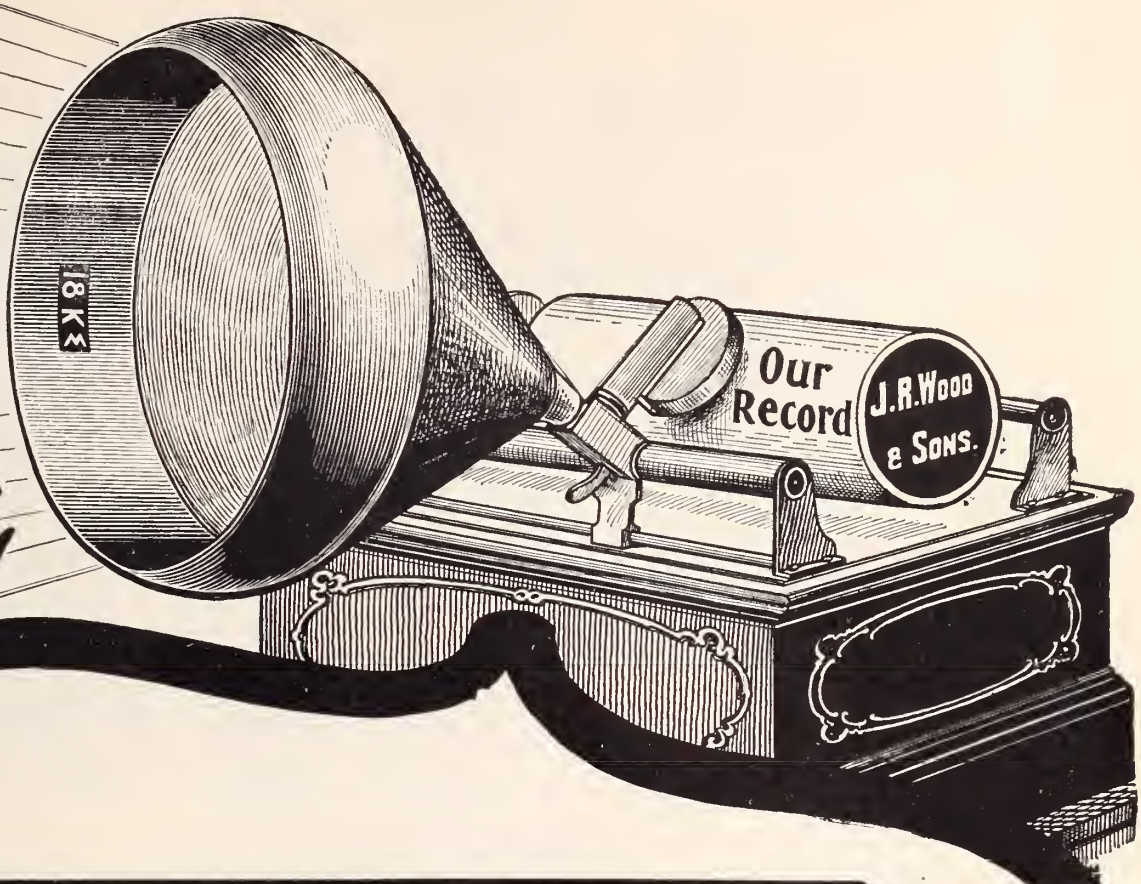
DIAMOND CUTTERS

Cutting Works
1327-1329 Atlantic Avenue
Brooklyn

2 Maiden Lane, NEW YORK

V. WARING, N.Y.

RINGS THAT RING TRUE



We dislike "blowing our own horn," but we want you to know our "record."

¶ For over fifty years our rings have been the standard for quality and workmanship.

¶ If you sell your customers our rings, you are selling them the best rings obtainable.

J. R. WOOD & SONS

Ring Makers

2 MAIDEN LANE NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

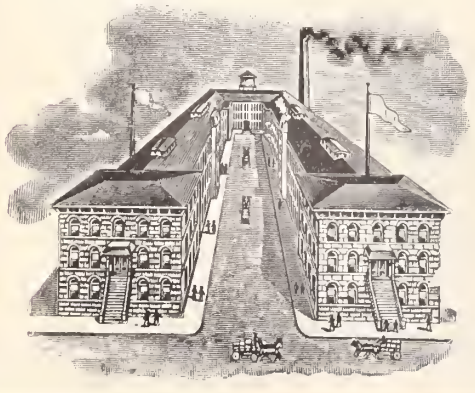
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29¼	$0.43	.....	1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57	.....	3005	2.73
18		76	23½	.37	.....	9533	2.97
19	1	00	16½	.34	.....	83	2.14
32		52	49½	.53	.....	213 X	2.83
34		73	34½	.52	.....	733	2.41
46				.58	.....	5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80	.....	1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78	.....	4324	4.00
47		49	79	.80	.....	2726	4.00



S. O. Bigney & Co.

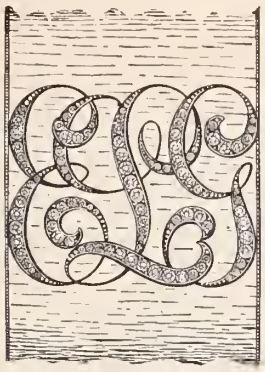
NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.




No. 302.

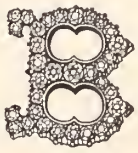

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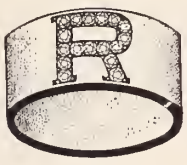

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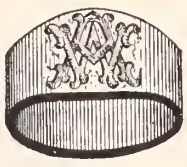

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No. 307.


No. 3.


No. 18.


No. 11.


No. 14.

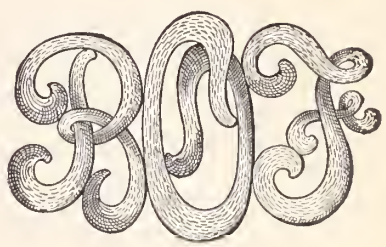

No. 13.


No. 317.
BELT SLIDE.


No. 194.


No. 321.


No. 322.


No. 316.


No. 196.

Wendell & Company

MAKE

GOLD MONOGRAM CHARMS, FOBS, SLIDES, BROOCHES AND RINGS.

SILVER MONOGRAMS for BROOCHES, BELT ORNAMENTS and CLASPS; also for LEATHER BAGS, PORTFOLIOS, MUSIC ROLLS AND ALL KINDS OF EBONY, IVORY AND TORTOISE SHELL GOODS.

ALL ORDERS PROMPTLY EXECUTED.

103 and 105 WILLIAM STREET NEW YORK } **2 FACTORIES:** { **57 WASHINGTON STREET CHICAGO**

"Attains Its Majority"

An Easy-Selling Watch Case

THE WADSWORTH 20-YEAR CASE affords an excellent supplement to the 25-year lines. The usual jump from the 25-year cases to those of lower grade is apt to be too great. A man may hesitate at a 25-year case, and yet not want to drop to a 10-year or 5-year case. This is where THE WADSWORTH 20-YEAR CASE exactly fits the circumstances—it suits the man who wants a high grade case but is not quite ready to pay the higher price of those which cost more. Every dealer should carry this line.

The Wadsworth Watch Case Co.

49 Maiden Lane, NEW YORK

CHICAGO
Columbus Building

SAN FRANCISCO
717 Market St.

FACTORY, DAYTON, KY.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.

Never in the history of our company have we manufactured so many high-grade movements as we are now turning out every working day.

Never in the history of our company have we been so far behind our orders.

This is convincing evidence that the retail jeweler is pushing the sale of those movements that give him the best satisfaction.

ILLINOIS WATCH COMPANY

SPRINGFIELD





Showing Bracelet Closed

Patented, June 26, 1906

DIRECTIONS

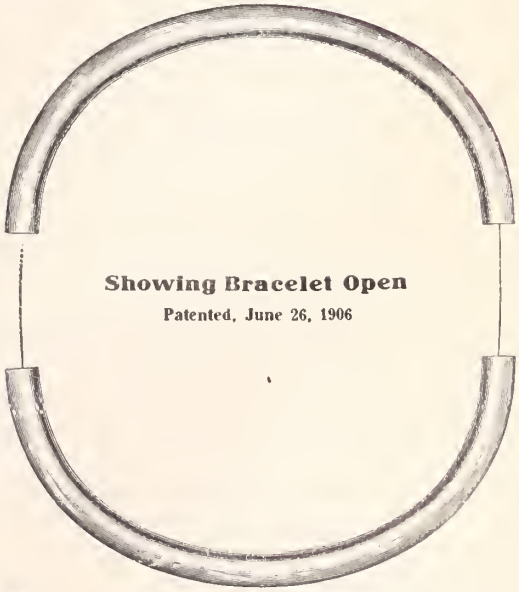
To Open

Take hold in centre of both sides and pull evenly.

To Close

Press in from the centre of both sides evenly.

The "Hamilton"



Showing Bracelet Open

Patented, June 26, 1906

The Most Popular Bracelet of the Day

Adjustable Safety. **NO HINGES TO BREAK.** Slides on Steel Springs with Invisible Catches.

Made in Best Quality Gold Filled

HAMILTON & HAMILTON, Jr., PROVIDENCE RHODE ISLAND

Dueber

is the name most intimately known to the Watch Trade of the United States as associated with the Watch Case industry. The name "Dueber" on any Watch Case is an absolute guarantee of good quality, artistic conception and fine workmanship.

Hampden

stands for what is peerless in American Watch Movements. For twenty-five years the name has borne an unrivaled reputation, and the Hampden high-grade movement has been a standard for imitators to work from.

Watches

are an essential part of every retail jeweler's stock, and to have the right kind of watches should be the care of every dealer. The more consideration given to this subject the more sure are Dueber-Hampden Watches to be chosen.

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

Talent, Energy and Progression

are the qualities necessary to achieve success in this strenuous age

¶ The followers of the "let well enough alone" policy are living in the past and become the victims of the ambitious, hustling competitors who, looking into the future, constantly go forward.

¶ The forward pace in business is made more easy and quick by selling the right kind of goods; goods that are satisfying in quality and value and that add to the reputation of the merchant.

¶ ***We offer you goods that have all the requisites necessary to please and satisfy your customers, that equal in value the cost, and will never mar your reputation from being associated with.***

¶ We refer to

Illinois Watches and Hamilton Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

A 10 K. Line that is 10 K.

The illustration shows only a few of our extensive line of HAT PINS

We call your attention particularly to our BIRTH MONTH HAT PINS, which show the birth flower of each month



We make the largest, most varied line of Hat Pins to the retail trade; also Cuff Buttons, Lockets, Fobs, Scarf Pins, Rings, Brooches, Crosses, Neck Chains, Lorgnette Chains, Etc., Etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

The Duchess Toilet Set



THE WHITING MFG. COMPANY desire to introduce to the notice of the Jewelry Trade a new Toilet Set in the attractive character of which they have the utmost confidence.

Among the multiplicity of elaborate toilet sets which are offered for the Jeweler's consideration this new design will assuredly command a marked degree of attention owing, in great measure, to its very simplicity of treatment.

The graceful vivacity of its line, and the symmetrical elegance of its form free it, on the one hand, from any suspicion of flatness or monotony of effect, while lending it, on the other, a decorative quality even more striking than that produced by a profusion of intricate ornamentation.

As befitting the aristocratic dignity of its aspect the suggestive title "THE DUCHESS" has been conferred upon the new pattern.

TRADE MARK

STERLING.

WHITING MFG. COMPANY

SILVERSMITHS

Broadway and Nineteenth Street - NEW YORK

ROSE ORNAMENTATION, DESIGN SIMPLE, YET EXQUISITELY BEAUTIFUL. A MOST POPULAR PATTERN. UNIVERSALLY ADMIRED.

The Adrea

THIS IS THE THIRD OF OUR BEST SELLING TOILET PATTERNS.



TRADE W MARK

The Woodside Sterling Co., 192 Broadway, New York.


Dessert Spoon.


Beef Fork.


Jelly Spoon (Back View)


Table Fork.



The "Pilgrim" Pattern

"Pilgrim" pattern, the most recent Flatware production of this company, will remain *permanently in demand*. It is without question the most artistic "thread" design ever placed before the trade. The "Pilgrim" is characterized by its simplicity and dignity of design; qualities which certainly appeal to every discriminating buyer—and to those who *know* silverware.



Made in all the fancy pieces.

Frank W. Smith Co. Manufacturers of Sterling Silverware
GARDNER, MASS.



For Any Occasion

when a gift or a trophy is desired, we are prepared with a complete line in STERLING SILVER or fine SILVER PLATE. The progressive dealer should examine our ware.

Our chests of silver make the most desirable wedding presents—also solve the problem of the "committee of associates," who are wondering what they are to do in the way of a "presentation."



Dealers when in New York are invited to make their headquarters with us, whether they buy largely or not. Our rooms are always open, our latchstring out.



FACTORIES:

THE MERIDEN CUT GLASS CO.	WILCOX SILVER PLATE CO.
THE BARBOUR SILVER CO.	THE DERBY SILVER CO.
THE HOLMES & EDWARDS SILVER CO.	THE MERIDEN SILVER PLATE CO.
MERIDEN BRITANNIA CO.	THE WM. ROGERS MFG. CO.
1847 ROGERS BROS.	THE ROGERS & HAMILTON CO.
ROGERS & BROTHER.	SIMPSON, HALL, MILLER & CO.
ROGERS, SMITH & CO.	THE WATROUS MFG. CO.

International Silver Co.

WAREROOMS:

9-11-13-15 Maiden Lane, New York

GENERAL OFFICE, MERIDEN, CONN.

COMMUNITY SILVER



THE NEWSPAPER cuts which we are supplying to the trade are of such exceptional attractiveness as to compel the attention and interest of consumers, while reflecting the utmost credit upon the jeweler who uses them and assuring him of the profits which logically follow such local publicity.

Write for specimen sheets of these cuts. Be sure your name is on our mailing list.

ONEIDA COMMUNITY, LTD.
ONEIDA, N. Y.

Founded in 1848.

New York Salesrooms: 395 Broadway.
Chicago Salesrooms: Silversmiths' Building.



Why Not Silver

FOR A CHRISTMAS GIFT? No housekeeper can have too much of it. Even a small gift of

COMMUNITY SILVER

is sure to give pleasure. The new "Flower-de-Luce" pattern has a dignity and beauty heretofore found only in the best Sterling. ¶ Every piece of Community Silver is plated heavier than triple and will wear a lifetime.

(DEALER'S NAME.)



COMMUNITY SILVER

IN SELECTING Community Silver one provides well for the future. Its durable plate, heavier than triple, means about a quarter of a century of good service. It has the style and appearance of Sterling. Ask to see the "Flower-de-Luce" and "Avalon" designs. Not expensive.

(DEALER'S NAME.)

Manning, Bowman & Company

NEW YORK **MERIDEN, CONN.** **CHICAGO**

FOR OVER FORTY YEARS MAKERS OF
THE HIGHEST GRADE OF WARES IN

NICKEL AND SILVER PLATE

The Best, Latest and Most Complete Line on the Market.



No. 295. Chafing Dish Outfit

"Ivory" Enameled Food Pan
Patented May 23, 1899



The Greatest Improvement Ever Made in a Chafing Dish.

Pure, clean, durable. It is so constructed that food can only come in contact with the Ivory Enameled Dish. The top rim being plated, the complete Chafing Dish has the same appearance as when made entirely of metal.

"METEOR" CIRCULATING Coffee Percolator

Over 100 Styles and Sizes

In making coffee, there is only one way to secure the full flavor, and that is by using a **Meteor** Circulating Coffee percolator. With it you are always assured the most delicious coffee possible and in a remarkably short time. In boiling coffee, you develop its harmful properties and right here is the secret of the "Meteor."

The coffee is never boiled. The grounds never enter the reservoir containing the pure filtered coffee. Not only does the **"Meteor"** produce the purest and most healthful coffee, but it actually

SAVES ONE-THIRD in the amount of Coffee Used.

Equally desirable for Tea.

CHAFING DISHES
with Patent
Seamless IVORY Enameled Food Pan.

Copper,
Nickel Plated,
Silver Plated.

PRIZE TROPHIES.
English Pewter, also Solid Copper
with English Pewter Mountings.

TEA WARE, TABLE KETTLES, HOTEL WARE, BAKING DISHES, ETC.

New Catalogue No. 49 J. will be sent on request.



WORLD BRAND SILVER

THE manufacturers of World Brand Silver take pleasure in submitting for your inspection a reproduction of their new design which will be known as the "Moselle" pattern. ¶ Into the creation of these beautiful pieces of "silver art" we have put the work and study of many months. The result, we feel, is worthy of the reputation for quality, which World Brand Silver has always held.

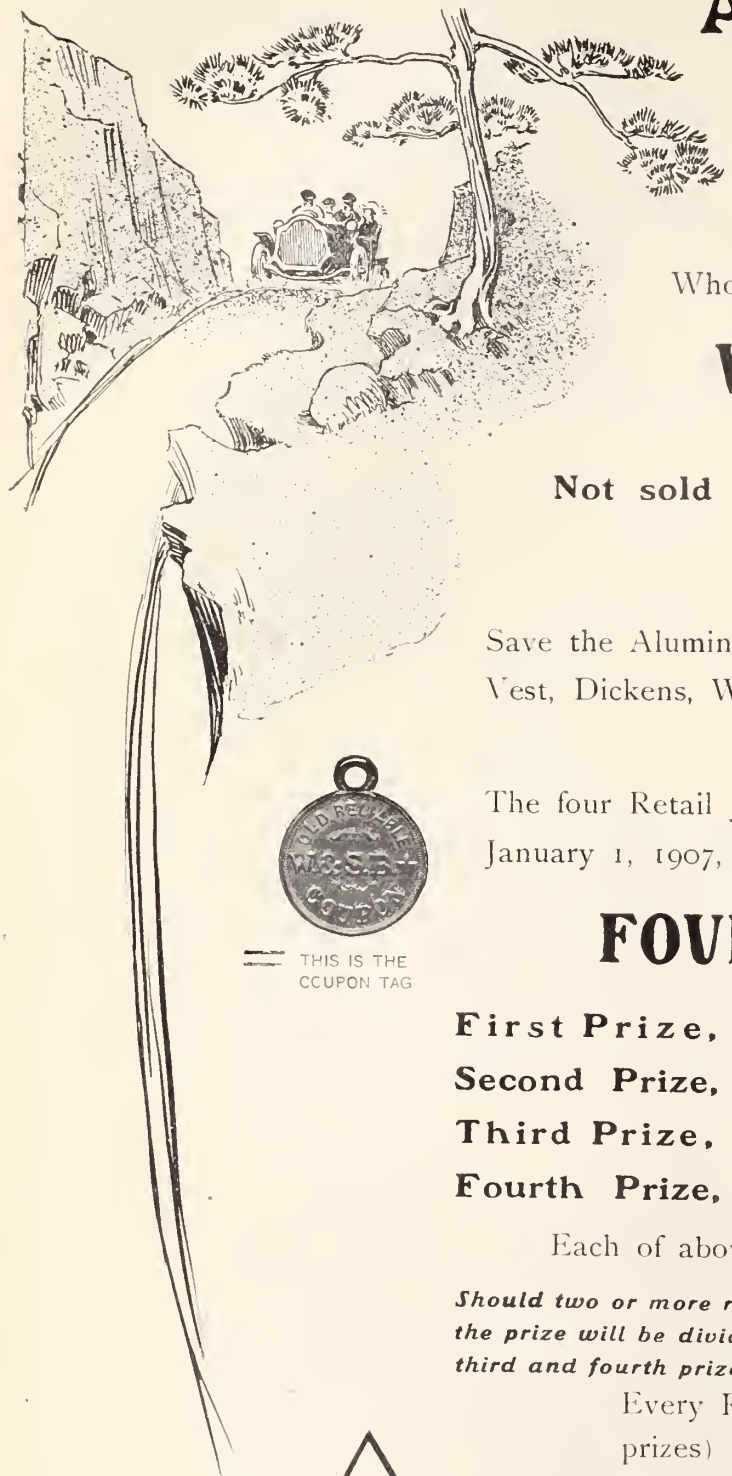
Let us send you our trade catalogue, illustrating and pricing our entire line.

American Silver Company

Factory: BRISTOL, CONN.

New York
46 West Broadway

Chicago
Silversmiths Bldg.



An Automobile Free

Every Retail Jeweler Gets a Premium

Who, before January 1, 1907, buys 40 or more

W. & S. B. ★ Chains

Not sold to Department Stores or Retail Mail Order Houses

Save the Aluminum Coupon Tags attached to all W. & S. B. ★ Vest, Dickens, Waldemar and Pony Chains.

THIS IS THE COUPON TAG

The four Retail Jewelers who accumulate the most tags before January 1, 1907, will be awarded

FOUR GRAND PRIZES

First Prize, 1907 Model Touring Car
Second Prize, 1907 Model Runabout
Third Prize, 1907 Model Motorcycle
Fourth Prize, American Watch Lathe

Each of above to be Standard Articles

Should two or more retail jewelers be tied for the first prize, the value of the prize will be divided among them. This applies also to the second, third and fourth prizes.

Every Retail Jeweler (except the winners of the Grand prizes) can have his tags redeemed in Globe Filled W. & S. B. ★ 18 Vest Chains, One Vest for 40 tags; two for 75; three for 100. Absolutely Free.

W&SB

W. & S. Blackinton Co.

Manufacturers

New York, 14 Maiden Lane
Factory, North Attleboro, Mass.

Let us send a selection package through your jobber.

S. E. HOWARD'S SON & CO.

15 WEST 24th STREET, NEW YORK CITY

OPPOSITE 5th AVENUE HOTEL

Manufacturers of

High Grade Hair Brushes

and Artistic Merchandise for the TOILET TABLE.

We solicit your inspection of matched sets in color and figure, beautiful in design, as well as articles for use.



"HOWARD'S QUALITY"

3 WELL BALANCED REASONS



Durability
Beauty of Design
Workmanship

STAR WATCH CASE CO.

FACTORY
Ludington, Mich.

CHICAGO
701 Heyworth Building

NEW YORK
37 Maiden Lane

For sale by all jobbers, or write us





Right Now

There's a prosperous Holiday season ahead for jewelers who will be prepared for it.

Insure having an ample showing of everything before the Holiday buying begins.

If there's any question about your having a proper showing of the best Simmons patterns in vest and lorgnette chains or fobs, *now—right now*—is the time to fill in your assortment.

Order of the nearest prominent wholesale jeweler.

R. F. SIMMONS CO. Main Office and Works **ATTLEBORO, MASS.**

Salesrooms, 9-13 Maiden Lane, New York. 42 Madison St. (Heyworth Bldg.), Chicago.

Modern Coffee Making



Made in copper, nickel-plate and silver-plate.

lies in the power of retaining all the good properties of the coffee bean. Coffee, the world-renowned beverage, is not injurious when properly made, and it can be made properly by distilling. It cannot be made properly by boiling.

The Sternau Coffee Machine eliminates all difficulties in making good coffee, as it distills the coffee and thus extracts only the wholesome properties.

All jewelers who handle the Sternau Machines find them excellent sellers and profitable to handle, as the machines are ornamental as well as useful.

Have you received our new catalogue, No. 21, containing illustrations of our full line of specialties?

If It Burns Alcohol We Make It

New York Showrooms:
Broadway and Park Place,
Opposite Post Office

S. STERNAU & CO.

Makers of Chafing Dishes and their Accessories, Coffee Machines, Fancy Teakettles, Smoker's Articles, Alcohol Stoves, etc.

Office and Factory:
195 Plymouth Street
Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT. PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for
KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN
CORAL FISHERIES
IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN
CORAL FISHERIES
IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world,** being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

Telephone, 5412 Franklin.

BORRELLI & VITELLI, 401 BROADWAY, NEW YORK.

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the **Modern Stones**

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets

NOTICE !

We wish
to impress the
retailers that we are
manufacturers, not jobbers, and
that we sell exclusively to the retail jewelry
trade. When you buy our general line of jewelry
you are dealing direct with the men who make the goods.
The following trade-mark is as good as a written guarantee
that goods that bear this stamp and marked 14K are 14K, and those
marked 10K are 10K. This is in conformity with the National Stamping Law.



Schultz, Leiss & Co.

NEW YORK OFFICE:
12-14 John St.

CHICAGO OFFICE:
103 State St.

FACTORY:
Newark, N. J.

Jewelers! School Seals are Popular.



Seals are very popular, and we show here only a few of the many made for the different schools last year.

For a State School or University no pin would be more appropriate than one with the Coat of Arms of the State in the center. If the school has no official seal, let us make a pin for you showing the characteristics of this design. If you do not care to have pin made in either of these ways, substitute the year and class initials and have the class motto in the circle.

We make seals in two sizes and three different ways, as you will see by the illustrations. Advise us regarding your wishes, stating quality and quantity desired, and we will be pleased to have prepared a colored sketch embodying your ideas, and forward with prices.

Send for our new catalog of Flag and Class pins. You can make more money handling Bastian's than any other. Special designs and estimates free of charge.

BASTIAN BROS., N. 21 South Avenue, Rochester, N. Y.



"THE BRACELET HOUSE"

14 K. ONLY



Three Good Patterns



KENT & WOODLAND

12 JOHN STREET, NEW YORK

The Regal Garnet

Like Frozen Wine

A TOUCH OF SENTIMENT is associated with the heart-blood hues of rich Garnet. Its deep warmth of color fascinates the eye. Though not the most expensive, it is one of the most beautiful of stones. Its glow and richness render it particularly appropriate in the colder months. An old-fashioned stone, it accords well with antique designs in Jewelry. Many notable revivals of this nature embodying the Garnet are here shown this season. Compelling admiration, they compel sales. Their popularity is assured.

GARNET SET BRACELETS
GARNET SET NECKLACES

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK

ROCKFORD SILVER PLATE CO.

ROCKFORD, ILL.

Not the Oldest

Not the Largest

Just the Best—if it bears the "Rockford" Stamp



STERLING SET

"Stand by those who stand by you"

The Retail Jeweler only can get it—if it bears the "Rockford" Stamp

No. 111 Solid Silver Set, Ivory Handle Pot, Three Pieces Shown, Gold Lined, $79.00 List

"CHECO" BRAND COMBS

For the Jewelry Trade

THE LATEST DESIGNS

THE LARGEST VARIETY





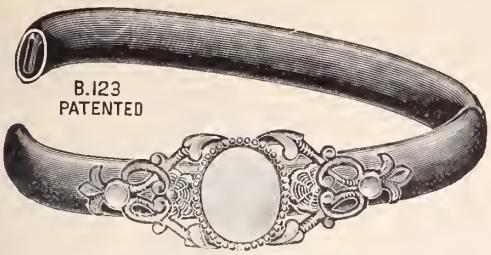
WE will send you a large selection package on approval by prepaid express. If on examination any of the combs are unsatisfactory, you may return them at our expense. These assortments contain a large variety of the latest designs. Do not hesitate to send for one of these assortments, as we take back all combs that you do not like, at **no** expense to you, if sent back at once. One of these assortments will prove invaluable to you in the coming holiday season. Send for one now.

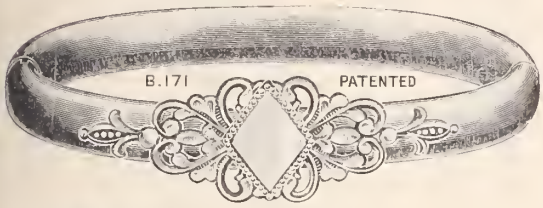
HIGH-GRADE GOODS

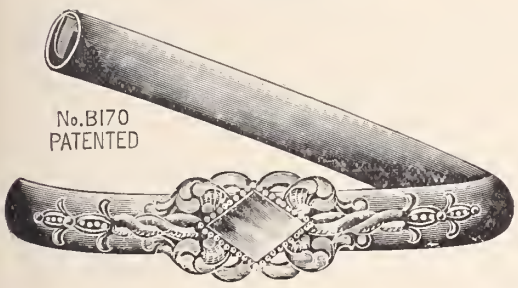
LOW PRICES

C. H. Eden Company, ATTLEBORO, MASS.

New York Office, 699 Broadway







The "BATES" Bracelets

"KANT KUM OFF"

Just now the jobbers are asking for

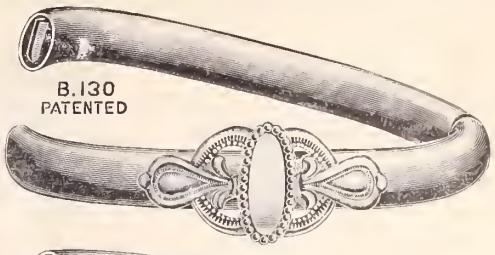
SIGNET TOP BRACELETS

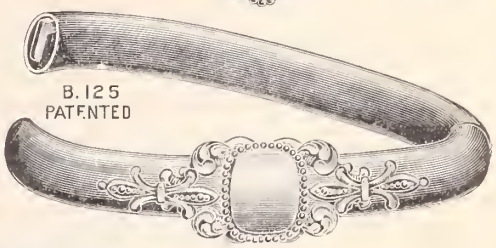
BECAUSE THEY SELL

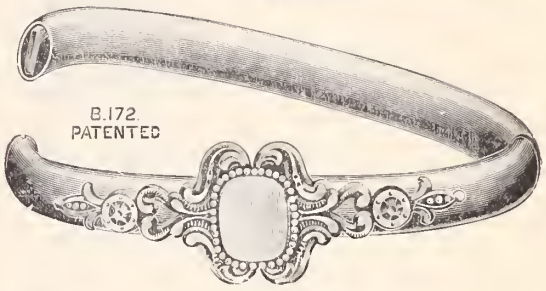
Mr. Retailer, try a few

SIGNET TOP BRACELETS

the only side action "KANT KUM OFF" BRACELET on the market.







MAKERS OF HIGH GRADE CHAINS

BATES & BACON

NEW YORK, 9 Maiden Lane ATTLEBORO, MASS. CHICAGO, 103 State Street



FACTORY OF WHITING & DAVIS, THE HOME OF

BAGS AND BRACELETS

OUR LINES OFFER AN UNEXCELLED RANGE TO SELECT FROM

New York Office, 7 Maiden Line.

WHITING & DAVIS, PLAINVILLE, MASS.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK, 3 MAIDEN LANE.

CHICAGO, 42 MADISON ST.

MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

Koshland & Italie Co.

702 Chestnut Street, PHILADELPHIA, PA.

"BROOKLYN BRISTOL"

DO YOU KNOW that you can buy this 14-K., 25-year, hand-engraved, filled case, with solid gold bow for the same figure you are paying for a 10-K. 20-year case?

Send for Samples.

Diamonds, Watches and Jewelry



SOLID GOLD
CHAINS

The selling price of our goods is based on the cost of honest materials, plus the cost of the very best workmanship it is possible to procure. The usual large selling cost is absolutely eliminated—we have no salesmen. You get the benefit of this system of honesty in manufacture and economy in selling, when you buy our

SOLID GOLD CHAINS

TRADE K MARK

For 56 years, exacting Jewelers have found our chains ready sellers, very profitable to handle and most durable in service. Our prices are very low We will be pleased to send you a selection package.

1850 1906

ALOIS KOHN & CO.

Makers of

SOLID GOLD CHAINS

of every kind.

16-18 Maiden Lane
New York

BRACELETS

IN addition to my line of Mountings, Lockets and Buttons, I am making a full line of 10 and 14 K. Gold Bracelets.

Can make to order any style and size Bracelet at very short notice.

M. SCHIFF,

82-84 Nassau St., New York.

Established 1876. 'Phone, 801 John.

GOLD

RINGS

BROOCHES AND MOUNTINGS

Also GOLD FILLED RINGS, including the popular THREE CROWN

Ostby & Barton Company respectfully announce to the jobbing trade that their fall line comprising many new and original designs is now ready.

OSTBY & BARTON COMPANY

New York, 13 Maiden Lane
Chicago, 103 State Street

PROVIDENCE, R. I.

The "Bryant" Rings.

WE have made the **Bryant Rings** for 50 years, and know how to make first class goods. The stone setting—which every retailer knows is a very important part of the work—we give special attention to. The **Bryant Rings** will help your reputation as a first class Jeweler.

TRADE-MARK.

M. B. BRYANT & CO., No. 7 MAIDEN LANE, NEW YORK.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

1 Maiden Lane. NEW YORK.

Generous Dimensions in Lockets

EXPERIENTIA DOCET

THERE IS a certain impressiveness about the generous dimensions of these larger lockets, whether plain or engraved. Perfection of shape applies to both classifications. Artistic decorative effects are possible at moderate prices owing to exceptional facilities.

PRICES: $6.00 to $100.00.

EXPERIENTIA DOCET

Durand & Company,

49-51 Franklin Street, Newark, N. J.



Made in 14K. Gold only

The Transit Ticket Holder

One to Twenty "Sub," "L" or Ferry Tickets.

CARRINGTON & CO.

Sales Agent,

7 Maiden Lane, New York

A COMPLETE LINE

of some of our handy pins. Made in all colors, sizes and finishes.

A. J. HEDGES & CO.,

Makers of Exclusive Designs in 14K. Jewelry

14 JOHN STREET, NEW YORK

14 K TRADE-MARK

TRADE 14 MARK

OSMUN-PARKER MFG. CO.

MAKERS OF

Fine Pearl and Diamond Goods

338 Mulberry Street

NEWARK, N. J.

ELKS



Our Copyrighted Elk Head

Best in the World.

B. P. O. E.

In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD

Brooches, Lockets, Links

Bracelets, Scarfs

And Everything Else in Gold Goods

CHAS. L. TROUT & CO.

15 Maiden Lane, New York City



DAY by day we are adding new sellers to our line. Here are a few of them. Write us when in need of Rings and Diamond Mountings.

Seeing is believing; therefore, if you will be convinced do not fail to see our line when our salesmen are in your territory and afford you the opportunity.

Ross, Saltman & Anderson

89 Fulton Street, New York



The R. S. Cigar Cutter

In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

23 B Maiden Lane, New York



ESTABLISHED 1841

Carter, Howe & Co.

TRADE C MARK

MANUFACTURERS OF

Gold Jewelry,

9, 11, 13 MAIDEN LANE, - NEW YORK

FACTORY, NEWARK, N. J.

A. CARTER G. R. HOWE W. T. CARTER W. T. GOUGH

ADOLPH LUTHY. PERCY W. HINE.

LUTHY & HINE,

13 EAST 30TH STREET, - NEW YORK.

MANUFACTURERS OF

Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

ALLSOPP & ALLSOPP'S

"ORIGINAL LINE"

—OF—

BRACELETS & BANGLES

MOUNTED IN COMBINATION OF

Diamonds & Pearls
Diamonds & Sapphires
Diamonds & Emeralds
Diamonds & Baroques



Amethysts
Topazes
Peridots
Aquamarines
Etc.

FACTORY & MAIN OFFICE:
NEWARK, N. J.

A & A TRADE-MARK.

BRANCH OFFICE:
LOS ANGELES, CAL.



New Shirred Mesh Bags in Gold and Silver

One of the 100 New Styles and Designs we are showing this season

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th Street New York City

Stone Seal Rings
Signet Rings

TRADE (S) MARK

Established in New York 1837.

24 John St., New York. **Geo. O. Street & Sons.**



IF character and individuality can be symbolized, the "Rose," our trade-mark, stands for what we strive to uphold at all times in our lines of jewelry and watches; full weight and quality, excellence of finish, beauty of design, coupled with a moderate price. It also means that we stand back of every piece we sell, with our established reputation and experience of over forty years. All these facts are of decided value and interest to you. They mean you will obtain and hold the good will of trade and make an excellent profit for yourself at the same time by selling goods bearing "The Imprint of the 'Rose.'"

Henry Freund & Bro.

DIAMONDS, WATCHES, JEWELRY

No. 71 Nassau St., N. Y.

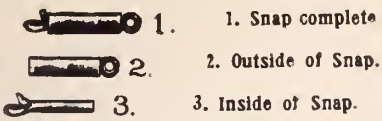
Our Trade-Mark



"The Rose." Stands for Quality and Excellence

"SELLERS OF SELLERS,"

Elk and F. O. E. Goods a Specialty.



1. Snap complete
2. Outside of Snap.
3. Inside of Snap.

The E. P. H. Patent
NON-PULL-OUT
Neck Chain Snap

Is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

Can be had of the following Wholesale Selling Agents:

Messrs. W. Green & Co., 81 Nassau St., New York.
M. Sickles & Sons, Philadelphia
E. A. Cowan & Co., Boston
E. & J. Swigart, Cincinnati
Swartchild & Co., Chicago
Nordman Brothers, San Francisco
Leonard Krower, New Orleans
A. Walker Co., Providence, R. I.
Bauman-Massa Jewelry Co., St. Louis

PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz. net



BOTTLE OPENERS

Pat. Aug. 14, 1906

This illustration represents one of our many hundred designs in **Buckhorn, Ivory, Ebony, Heavy Silver Mounted and Solid Silver, Etched and Engraved.**

The opener itself is made of the best forged steel, and nothing can excel it in quality and beauty. Excellent sellers for the jewelry trade. Opens the bottle in four different ways.

SEND FOR CATALOGUE

JOHN HASSELBRING
Manufacturing Silversmith
111-113 Himrod Street, BROOKLYN, N. Y.



DIFFERENCES IN COMBS.

Day, Clark & Company

14 KARAT ONLY

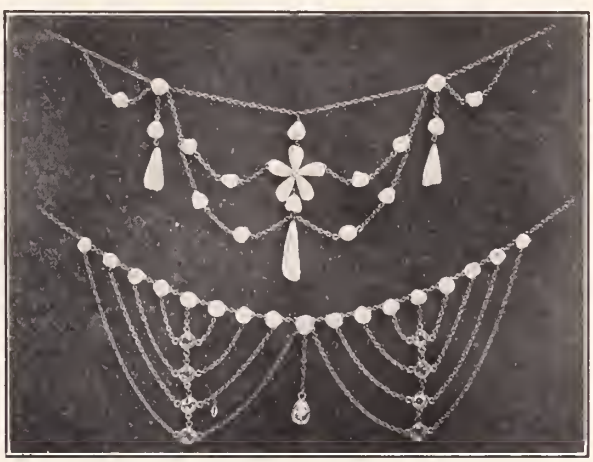


23 Maiden Lane New York



GOODS SIMILAR in their general name may be vastly different in substance, quality and beauty. There is a certain bizarre demand which we do not aim to satisfy. There is a certain refined taste to which this house caters, and, in a measure, *creates.*

These principles are exemplified in the showing of Gombs. They are *different*—with the right kind of difference. To specify, the Hand Engraved and other decorations have the richness that is appropriate, but not always found. The use of pearls and gems is always felicitous. Designs have the indefinable artistic touch—never too elaborate, but always sufficiently decorative. Perfection of color completes the effect.



FESTOON NECKLACES

The increasing demand for high grade Festoon Necklaces has compelled us to make up a larger and more varied line of them than ever before, set in combination with Diamonds, Baroque Pearls, Aquamarine, Topaz, Peridots, Amethysts, Turquoise, fancy Sapphires, etc., etc.

CUFF BUTTONS LOCKETS
BROOCH PINS SCARF PINS
BRACELETS

COOPER & FORMAN
OFFICE AND FACTORY
3 MAIDEN LANE, NEW YORK
MAKERS OF DIAMOND JEWELRY

Established 1879.

LOUIS W. HRABA,
29 East 19th St., New York.

Manufacturer of

Fine Leather Goods,
Exclusively for the Jewelry Trade.

DESIGNS For Silverware, Novelties and Jewelry : : : : : : FINE ETCHING

We furnish ideas for Silver and Goldsmiths—American ideas.

CHARLES M. PRIOR ('PHONE 1224 HARLEM) 1683 Madison Ave., New York

MEN'S LADIES' All Sorts of **LOCKETS** UNMOUNTED MOUNTED WITH DIAMONDS OR ROSES. PENDANTS LINK BUTTONS RIBBON FOBS



ROTHSCHILD BROS. & CO.

51-53 MAIDEN LANE - - - NEW YORK

The Comb House

We manufacture a complete line of

FINE MOUNTED COMBS

in 14 K., 10 K., Sterling Gilt and Gold Filled.

Also all kinds of PLAIN, REAL and IMITATION TORTOISE SHELL COMBS.

Selection Packages sent to Responsible Jewelers.

Wagner Manufacturing Co.

41 Union Square,

Repair Work a Specialty.

New York.

Factory, Lorimer St. and Throop Ave., B'klyn, N. Y.



THE SIGNET CUFF-LINKS

are gaining in great favor with the jewelry trade. Their sale is destined to be even as great as the signet ring.

They are fitted with a 10k. *solid split post*, as shown in this illustration, and are built to withstand the pressure when pushing through the button-hole.

Selection Packages to Responsible Parties.

Vain attempts to overpower the resistance of the split post by sudden expenditures of wrath have proved futile. Try it.

SCOFIELD & DeWYNGAERT, Newark, N. J.

NEW YORK OFFICE, 9 Maiden Lane.

FINBERG'S FAULTLESS FOBS.

Our greatest production is fobs.

We make woven wire fobs for the leading jobbers in the United States and Canada. Our line consists of a large variety of styles, excellent designs made of good quality stock. It will really pay both the jobber and retailer to carry our line. We respectfully ask the retailer to kindly inspect our goods that his jobber carries. There is money in it. We fully warrant every article we produce to give satisfaction.



See that the swivel is marked "F.M.Co."

We also make a full line of high-grade

BRACELETS, LORGNETTES, NECK CHAINS, Etc.

FINBERG MFG. CO.

Attleboro, Mass.

Money Makers—Try Them



Now is the time to place your orders for Plateaux for the HOLIDAY Trade. Assorted styles—all sizes.

J. E. ROHRBECK 40 FULTON STREET NEW YORK

—:PONDER—THINK:—

No honest concern ever failed to give value for value. Ask our customers, then

Send us a trial order.

CONLEY & STRAIGHT,

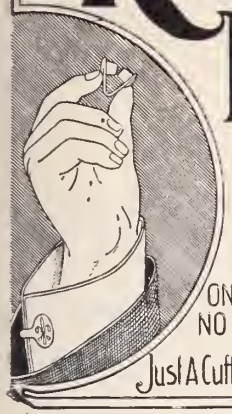
Gold and Silver Refiners, Assayers and Sweep Smelters,

236 EDDY STREET, - PROVIDENCE, R. I.

Dealers in Fine Gold, Silver and Copper.

All kinds of Gold and Silver Anodes.

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO LEVER NO SNAP NO SPRING

Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER

Sole Manufacturer

Hartford Bldg. CHICAGO, ILL.

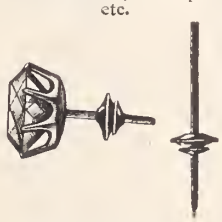
THE WASHBURN

SECURITY
Automatic Holder
for all sizes of scarf-pin wire. Guaranteed.



EAR WIRES
for unpierced ears.

MAGIC NUT
for ear studs, scarf-pins, etc.



SAFETY CATCH
For brooches, etc. Can be applied to any work where pin tongues are used.



Open. Closed. Open. Closed.

Descriptive Circular on Application.
Pearl Drilling and Adjusting a specialty.
Special Order Work and Repairing.
C. IRVING WASHBURN, 12-16 John St., N. Y.

CASSIUS W. SEYMOUR,
37-39 Maiden Lane, New York.
ALLOW ME TO CALL ON YOU IN THIS WAY



Jewelers' Stationer and Printer
Jewelers' Cards,
Tissue Paper,
Tags,
Blank Books, etc.

ROLL AND FLAT PAPERS.

Estimates cheerfully given. Mail orders promptly attended to. Let us quote you our prices on manifold books and sealing wax.

When we first started

making our high-grade 10K line, many were skeptical, and thought there was no chance of success.

We think that we have fully demonstrated that a heavy-weight 10K line, plump in quality—and in appearance exactly like 14K—can be made a most remarkable success.



THE 10K LINE WITH A 14K APPEARANCE

Kohn & Co

Camp and Orchard Sts., Newark, N. J.

·HEINTZ·BROTHERS·



·We Make the Largest Line of Solid Gold Set Rings in America for the Retail Trade·



ENGLISH ENGRAVED FLASK

¶ Our assortment of flasks, including those in solid deposit, also leather flasks with cup, together with a large assortment of colognes and atomizers, have this same English engraved effect, and are excellent sellers.

¶ Our distinct line of unsurpassed designs in deposit ware, artistically developed, with the engraving handsomely carried out, commands the attention of the judicious buyer.

¶ A few of our specialties are Colognes, Atomizers, Vases, Decanters, sterling silver Photo. frames, Buckles, etc.

SCHARLING & CO.
Manufacturing Silversmiths
755 Summer Ave., Newark, N. J.

STERLING BAG

No. 1621 R. Hand Made

Saw Pierced Mounting

Size 5½x4 inches

TRADE (W B) MARK.



WEIZENEGGER BROS.
MANUFACTURERS OF
Sterling Bags and Gold Chains
358 HALSEY ST., NEWARK, N. J.
TELEPHONE 1038 J.

Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

RICH DESIGNS :: :: :: Photos on Application.



PORCELAIN TEA POT

Decorated with
SILVER DEPOSIT

Sugar and Cream Bowl complete this attractive set.

Colors: White and Gold, Blue, Olive Green and Pink.

WRITE FOR PRICES AND ILLUSTRATIONS OF OUR EXCEPTIONAL LINE

LACKNER & OHL, Manufacturing Silversmiths, 50-55 Columbia Street, NEWARK, N. J.



12-in. high, **$19.50**

Supremacy in Silver Deposit Ware

Illustration shows our new Chocolate Pot, of Silver Deposited Frost Ware in Cobalt Blue. The design and workmanship of our line have never been equalled.

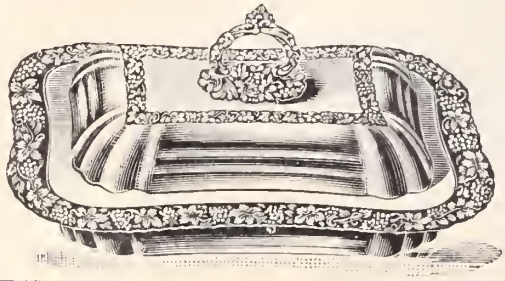
Deposit Ware Exclusively

Representative Jewelers are invited to send for a selection of

FANCY BASKETS, CHOCOLATE SETS, WHISKEY JUGS, EXCLUSIVE NOVELTIES, ETC.

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Made only in Silver.

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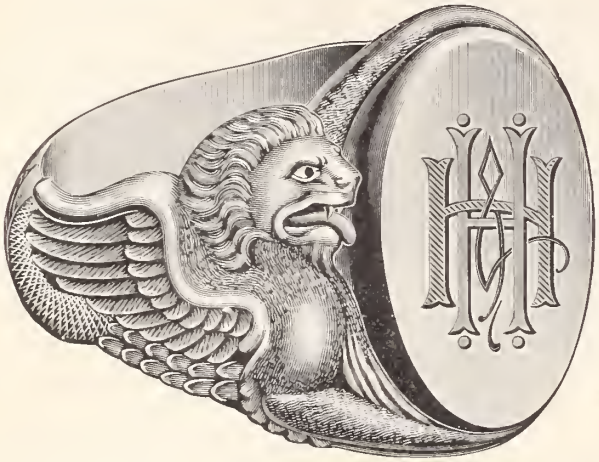
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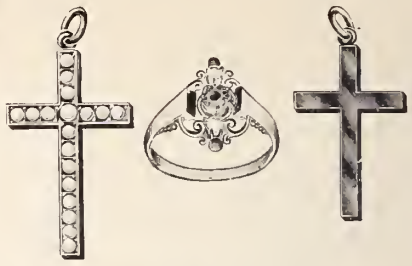
We have a splendid variety in real and imitation stones, popular selling sizes and colors, nicely mounted in gold and rolled gold-plate.

We will, on request, send illustrated list and if you wish, we will also send a package on selection, containing a good assortment of the different grades.

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Providence, R. I.



One of our New Models, 1906.



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We beg to announce to the trade that The Wm. C. Greene Co. and the American Ring Co. have consolidated as one concern, and will be known hereafter as Wm. C. Greene Co. Together we now make one of the largest lines of gold jewelry in the country and therefore are enviably equipped to submit values and a large assortment of patterns always new and up-to-date. Among the goods of our manufacture are Rings, Brooches, Scarfpins, Bracelets, Crosses, Heart Charms, Link and Collar Buttons, Neck and Eyeglass Chains, Garter Buckles, Waist Sets, Baby Pins, etc.

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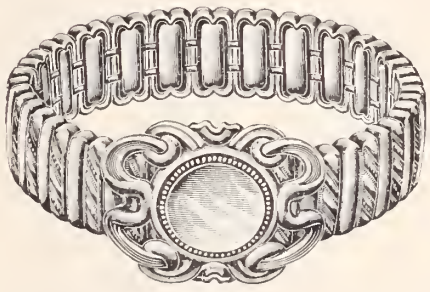
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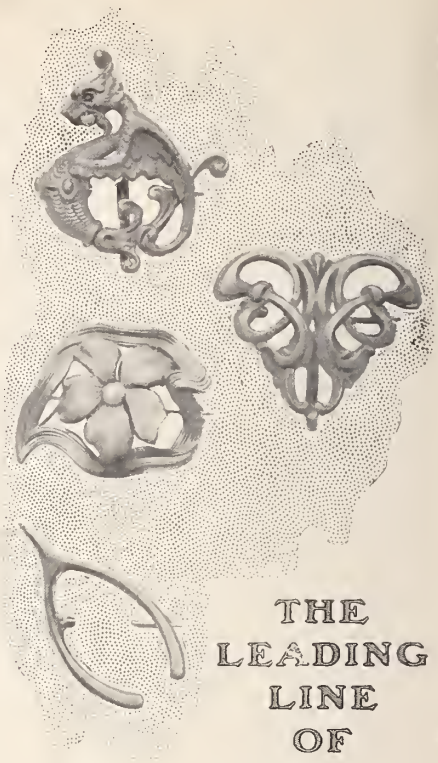
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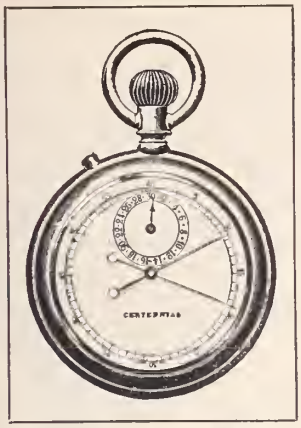
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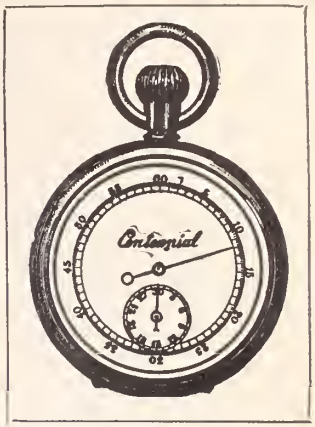
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Solidarity Watch Case Co.

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Has your HOLIDAY STOCK of Sterling Silver Toilet and Manicure Goods and Sets been ordered?

If not, attend to it at once and insist upon getting goods with the F&B Trade-Mark. They have the QUALITY, BEAUTY and FINISH to attract the best trade and you will find them profitable goods to handle. They sell quickly.

Have you received our new Catalogue, H?

The accompanying illustrations are taken from it and they show a selection from our Gypsy pattern.

ORDER NOW and do not forget to add a few Armlet Bracelets, Lockets, Chains, Crosses, Pendants, Fobs, Neck Chains, Collarettes, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrettes, Buckles, Waist Sets and Hair Chain Mountings.



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Kingston, Ont.

How Artificial Diamonds and Rubies Are Made

By Prof. ROBERT KENNEDY DUNCAN

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From "High Temperatures and Modern Industry," in *Harper's Magazine*.

THE highest temperatures reached in fuel furnaces for technical purposes lie between 1700 and 1800 degrees on the Centigrade scale; they reach their limit at the melting point of fire clay and porcelain. The first step-up beyond this point lies in a flame fed with mixed oxygen and hydrogen, or with mixed oxygen and coal gas. This flame has long been known in the familiar limelight of the stereopticon. By its means a temperature of 2000° C. may readily be obtained, and we thus pass the high-water mark of regular industrial practice. Leaving its old utilities, let us discover what contemporary effort has done with it.

We must distinguish in this connection

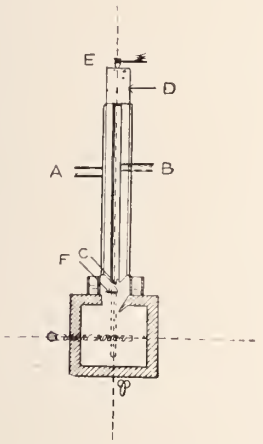


FIG. 1.—DIAGRAMMATIC REPRESENTATION OF A FURNACE FOR THE PRODUCTION OF RUBIES.

between the words "artificial" and "imitation." The shop windows of a certain character along the great streets of the world are flamboyant with the vulgar and tawdry representations of the precious stones. To the direct glance of knowledge they are no more the rubies, emeralds or diamonds of the mines than are imitation flowers the lovely gifts of our garden. They are imitations, gross and palpable—gems of paste for pasty faces. We speak now of the "artificial" ruby, the ruby of science, as much the ruby of Ceylon or Burmah as is the water formed by burning hydrogen the water of the rain—identical in property and composition. The natural ruby of the mine consists of pure alumina, with a trace of coloring matter in the form of an oxide of chromium or manganese. The problem of manufacturing veritable ruby was, therefore, simply that of melting thoroughly together these simple things—a problem at first impossible of solution, because the melting point of alumina lies above the limit possible of technical application. But the man and the means arrived with M. Verneuil and the oxy-hydrogen blow pipe. To-day, as the result of these two factors, there is to be found in the little factory connected with the shop of M. Pasquier, of the Rue Lafayette in Paris, the commercial production of artificial rubies, and the consequent decree of doom to the ruby mine.* . . . The commercial synthesis of the ruby is illustrative of the intelligence and efficiency that govern industries of a modern scientific origin.

We begin with a solution of common alum, to which a trace of chrome alum is added as the ultimate coloring constituent. Now add ammonia, and there results a gelatinous precipitate of the hydrates of aluminum and chromium. This gelatinous precipitate is filtered off, evaporated down to dryness, and subsequently calcined into an intimate mixture of alumina and the oxide of chromium. It is then ground into an impalpable powder and placed in the transforming apparatus, of which we give a diagrammatic representation in Fig. 1. Through the tube marked A passes a supply of coal gas, through that marked B a supply of oxygen. The two meet at C, where they are ignited, and constitute a carefully regulated flame whose temperature is practically 2000° C. In the box at the top, marked D, is placed the powdered alumina, and the bottom of this box consists of a fine sieve. A small automatic tapper (E) carefully jars the powder through the sieve and through the tube, which, it will be observed, is the tube which serves for the supply of oxygen. It thus happens that every trace of the powder must pass through the flame of 2000° C.

It is so finely divided that it fuses as it falls upon the little stand marked F, where, within the outer influence of the flame, it gradually builds itself up into a beautiful ruby pear-shaped body, called the "brut," which is illustrated photographically and in its actual size in Fig. 2. This ruby pear, when one takes it in his warm hand, flies instantly to pieces. It is like the "Prince



FIG. 3.—CYLINDER FOR THE PREPARATION OF THE DIAMOND.

Rupert drops" in a condition of high strain. Once, however, this strain is neutralized by the breakage, the resulting fragments will break no farther, and it remains, now, only to send them to the gem cutters, whence they return as ruby gems, which in glowing beauty of color, pellucidity, refractive index, hardness, durability and chemical composition are identical with the natural ruby of the mine. So absolute is this identity that the usurers of the great cities now refuse to take rubies in pawn, for they cannot distinguish. While the French law ordains that they shall be differentiated from natural rubies by some distinguishing appellation, their use in jewelry is enormously widespread. This is shown by the fact that in the little "two by four" factory of M. Pasquier, alone, no less than 100 carats may be manufactured every day. The ruby mines on their present basis of profitable working are absolutely doomed. Indeed, we might have known it long ago: "For Wisdom is better than rubies; and all the things that may be desired are not to be compared to it." And again, with a wider application, "I Wisdom dwell with prudence and find out knowledge of witty inventions."

These "witty inventions," based upon the high temperature of an oxygenated flame, are by no means wholly destructive in their operation upon established industries. It is a most useful agent, is an oxygenated flame.



FIG. 2.—THE RUBY "BRUT."

For example, this flame of 2000° C. is above, but just above, the melting point of quartz. By its use, and by the subsidiary aid of a common wooden bow and arrow, there have come to us the microscopic quartz fibers which are so useful as "suspensions" in the fine instruments for electrical mensuration. The quartz is melted in the oxyhydrogen flame, and the blunt end of the arrow is then dipped into it and suddenly shot from the bow. After that it is merely a matter of a magnifying glass to find the resulting thread on the floor—a most "witty" and useful invention.

Again, the fact that the oxyhydrogen flame will melt quartz has resulted recently in a new industry, by which the quartz is built up little by little into tubes, flasks, and other chemical apparatus, for the use of which chemistry is incalculably indebted to industry; for these quartz vessels are inert to most operations; they may be heated many hundreds of degrees higher than glass, and, most blessed boon, even while white hot, they may be plunged with impunity into cold water.

* * *

Finally, in this connection, we ought to speak of the synthesis of the diamond.

Molten iron dissolves carbon; so does boiling water dissolve sugar. On cooling,

*This is yet to be proved.—EDITOR.

YOU know we have been in the ring business a good many years and when we'd sell a bill of children's rings, the customer frequently said: "Oh, I hate to buy children's rings, they're such a nuisance to pick out and mark."

After a number of experiments we simplified our method of showing and selling children's rings—so that it is now no longer a bother for you to buy this class of rings—at the same time we increased our lines in both 14K. and 10K. gold, and it is now most complete.

Next time our traveler calls, let him take a trial order for children's rings, and we will prove to you how easy it is to buy and mark them. Or we can send you a sample line on approval.

You know we put our Registered Trade-Mark even in the smallest and low-priced rings, beginning at $4.50 per dozen. This fact alone should be a great convenience to retail jewelers who are particular what they sell.

Larter & Sons

Ring Makers

21-23
Maiden Lane
New York



Registered Trade-Mark.

the supersaturated iron deposits its dissolved carbon; so does the cooling water deposit its sugar. The water deposits its sugar in the crystalline condition—as rock candy—the iron deposits its carbon chiefly as graphite. The object to be attained is to make the iron deposit its carbon in the crystalline form, for crystallized carbon is diamond. To accomplish this, Moissan compressed pure carbon into a little cylinder of pure iron (Fig. 3). This cylinder he then placed in a bath of boiling iron in the electric furnace. Under these conditions the iron body of the cylinder becomes saturated with carbon to the very limit of its capacity. Next, he plunges the whole dazzling fiery mass into a vessel of cold water; at first, "not without a certain feeling of apprehension," says Moissan, and naturally so. This idea of plunging the molten saturated iron into cold water was a stroke of genius. Molten iron is like water, it expands when it solidifies. On dropping it into water the sudden cooling solidifies the outer layer of iron, and this holds the inner molten mass in a tight grip; the expansion of the inner liquid on solidifying produces an enormous pressure, and under the stress of this pressure the dissolved carbon separates out in transparent crystalline forms —minutely microscopic forms, it is true—but absolutely diamonds.

The largest synthetic diamond yet produced measures less than one millimeter across. In Moissan's laboratory they regard the problem of making larger diamonds as one chiefly of pressure and length of cooling. They deem it quite possible that if they could deal with 40 or 50 pounds of iron as they can with four or five ounces their diamonds would be larger. They believe, also, and with much reason, that the process of their laboratory is the process of Mother Earth, though down in her secret laboratories she has temperatures and pressures they cannot command and æons of time to perfect her work—the creation of the most beautiful gem that ever delighted man or woman.

Meanwhile the problem may be solved in another way. The curious thing about carbon is that its boiling point is below its melting point, so that in order to produce circumstances likely to lead to its adequate crystallization, it is necessary to employ not only a temperature higher than its boiling point, 3500° C., but high pressure as well—according to the calculations of Sir William Crookes a temperature of about 4200° C., and a pressure of some 255 pounds to the square inch.

Klimek Bros., Little Falls, Minn., have dissolved partnership, A. J. Klimek continuing the business.

The friends of F. X. Guth, the missing Coraopolis, Pa., jeweler, have received no word as to his whereabouts, and his mysterious disappearance has occasioned a great deal of surprise. He has been missing for about six weeks.

The Pittsburg police have received no word from B. S. Jaffe, who, they allege, took with him about $5,000 worth of diamonds from the store of the Castleberg Jewelry Co., 408 Smithfield St. Search is being made for the man in the principal cities.

Original and Beautiful Silver and Gold Trophy for the Chicago Yacht Club's Open Race.

FOR originality as well as beauty of design, the silver and gold trophy recently made for the Chicago Yacht Club deserves a high rank among the artistic productions of this kind that have been turned out this year. This is to be a permanent trophy for races that will take place each year between Mackinac and Chicago.

The spirit of the Great Lakes, with the recollection of early days when the American Indian glided in his canoe along the waters of the lakes and of the smaller contributary streams breathes in this fine example of work in the precious metals. The trophy, which is of massive sterling silver with gold lining, is a punch bowl fashioned in the form of a birch bark canoe.

The little boat stands in the open top of a handsome pedestal, the latter in turn resting on an ebony base.

In design and execution the canoe is a delight to the eye. On either end is a finely modeled head of a Sioux chief in full head dress of feathers and other dignities. On either side of each head are shields ornamented with geometrical patterns, feathers and pendant thongs. The club pennant, handsomely enameled in colors, is applied in the center. The inscription is chased in relief on the panels on either side, and reads "Chicago Yacht Club Perpetual Trophy, Open Race."

The modeling and embellishment of the pedestal is elaborate and tasteful. The top and base have scrolled edges, and are decorated with shell and weed designs, characteristic of the Lake section of the country.

Encircling the ebony base is a silver band, the edges of which are chased with laurel, emblematic of victory. This band is to receive as an inscription at the close of each racing season, the names of the winners.

Exclusive of the pedestal the cup stands two feet high. The modeling and chasing was all executed by hand, and the result of the work of the designers and makers is a product of which they may justly be proud. The cup was designed and made by Reed & Barton, Taunton, Mass., and sold through C. D. Peacock, Chicago.

Necessity of Registering Trade-Marks in Cuba.

SOME of the difficulties which our manufacturers who ship to Cuba have to experience in the way of distinctly unfair competition through infringements of their trade-marks and labels is called attention to by the Department of Commerce and Labor in one of its publications, last week, which published the following warning:

"Manufacturers of the United States who have any thought of exporting their goods to Cuba should register their trademarks in that country at once as the only method by which they may protect themselves. If owners do not register their marks others will, and the owners will then be compelled to buy out the speculator if they wish to sell their own goods under their proper names. When once registered by speculators the real owners of trademarks are at a great disadvantage, and must, either by paying royalties or direct purchase, buy up the speculators.

"The Havana Chamber of Commerce, recognizing the great injustice that is being done in this way, is urging foreign manufacturers in their own behalf to register their marks before others do so, and thus practically confiscate their property. The dues charged in Cuba for the registration of a trade-mark are $12.50 United States Currency."

Reasons for the Current Quotations of the Stock of the New Premier Mine.

Diamond dealers in New York to whose attention was called the recent cable messages announcing a dividend of 400 per cent. on the stock of the Premier Diamond Mining Co., said that this does not indicate any development of significance except to stockholders. They said that there has been no change in the relative importance of the output of the Premier mine as compared with the output of the De Beers mines.

One of the largest buyers of rough stones said that the stock of the Premier Diamond Mining Co. is something like £80,000, so that dividends unusual in the percentage do not call for such large sums of money as in the case, say, of the De Beers Co., with a capital stock of several millions of pounds. He continued: "The Premier stones continue for the most part in the smaller size and inferior grades. Nearly all the yield is sold to Amsterdam and Antwerp, but occasionally a lot is brought to New York. The company has a selling agent at London. The few stones that come to New York, when of attractive quality, cost the buyer fully as much as diamonds of the same grade coming from the De Beers mines. Official reports show that the Premier output of late has been about 60,000 or 70,000 carats a month, which is perhaps a third of the output of the De Beers mines. It must be remembered, however, that of the Premier output a large part is used for mechanical purposes, and the proportion of really fine gems suitable for the American market is small in comparison with that of the De Beers stones.

"The Premier people have as yet sunk no shafts, but are treating the surface ground just the same as the De Beers company did for several years after operations were started on the old mine. What may be the result when deeper mining is undertaken, of course, nobody can foretell. The extent of the Premier field from which diamonds are being recovered is much larger than that of the older mines."

The reports which THE CIRCULAR-WEEKLY has printed from time to time show a decided decline in the yield of diamonds from the Premier blue ground in comparison with the amount of such ground that is treated. The recovery in recent months was as low as 25 carats per 100 loads, which is about one-sixth of the amount recovered in earlier operations at this mine. The recovery from the blue ground of the Kimberley and De Beers mines, where work has been proceeding so many years, and where operations are now conducted at a depth approaching a half mile, was nearly 50 carats per 100 loads in the last year.

Clocks, Watches, Jewelry, Etc., Shipped to Alaska, Hawaii, Porto Rico, and the Philippines.

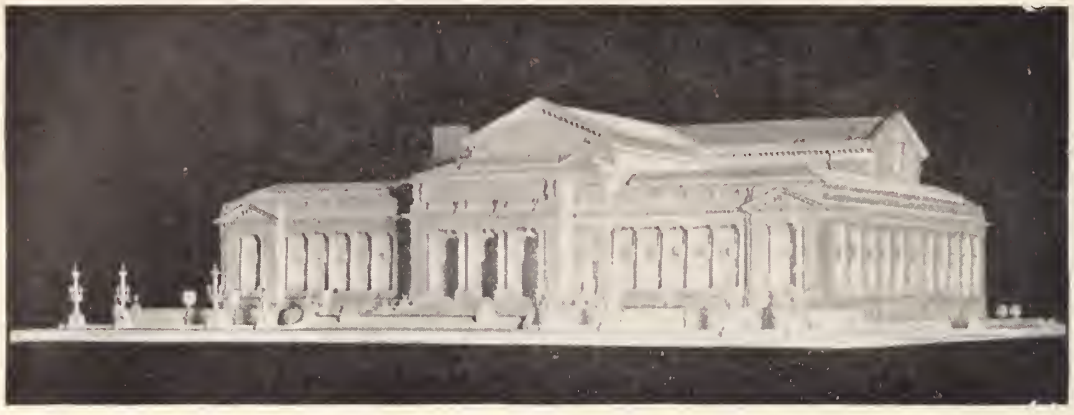
WASHINGTON, D. C., Oct. 12.—The following figures show the commerce of the United States with their non-contiguous territories during certain periods in clocks, watches, jewelry, etc.:

ALASKA.—Four hundred and three dollars' worth of clocks were shipped to Alaska in July last, as against $89 worth in July, 1905. The shipments for the seven months ending July were valued at $2,965 in 1906 and $2,788 in 1905. Shipments of watches decreased from $219 in July, 1905, to $25 in July last, and from $783 during the seven months' period of 1905 to $387 during the same period this year. Jewelry shipments declined from a value of $3,641 in July, 1905, to $2,889 in July last, but increased from $25,323 to $29,318 during the seven months' periods. Plated ware shipments declined from $3,399 to $2,570 during the seven months' periods.

HAWAII.—Clocks to the value of $899 were shipped to Hawaii in July last, as against a value of $440 in July a year ago. During the seven months ending July, 1905, the value of these shipments was $5,487, increasing to $7,854 during the same period this year. Watch shipments declined in value from $1,227 in July, 1905, to $1,075 in July last, and from $1,944 during the seven months of 1905 to $1,105 during the same period this year. One of the greatest drops on record is noted in the shipments of jewelry. During July, 1905, the shipments of jewelry amounted to $22,680, while in July last the value was only $195. Equally great was the decline during the seven months' periods, the values dropping from $124,925 during the first seven months of 1905 to $4,870 during the same period this year. Plated ware shipments also fell from $10,572 during July, 1905, to $79 in July last, and from $25,424 to $3,132 during the seven months' periods.

PORTO RICO.—The value of the clocks shipped to Porto Rico in July last was $899 as compared with $418 in July a year ago, while during the seven months' periods the values increased from $2,247 in 1905 to $3,856 in 1906. Watch shipments fell from $308 in July, 1905, to $208 in July last, but increased from $944 during the first seven months of last year to $2,149 this year. On the other hand, jewelry shipments declined in value from $1,499 to $678 and from $5,314 to $4,498 during the same periods, and plated ware from $854 to $693 and $4,002 to $3,074.

PHILIPPINE ISLANDS.—During July last $284 worth of clocks were shipped to the Philippines, as against $210 worth in July, 1905. The values for the seven months' periods were $4,278 in 1905 and $2,426 in 1906. No watches were shipped to the Philippines in July a year ago, as against $95 worth in July last. During the seven months' periods the shipments declined in value from $654 in 1905 to $313 in 1906. There was no jewelry shipped in July a year ago, as against $75 worth in July last, while during the seven months the shipments increased from $1,170 in 1905 to $2,837 this year. Plated ware shipments also increased from $3,081 to $3,899 during the seven months' periods.



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NEW YORK

Jewelry Manufacturers Swamped With Orders

Scarcity of Skilled Labor Adds to Difficulties of Firms Already Unable to Keep Up with Customers' Demands. The Rage for Bracelets Continues.

That the present volume of business in the jewelry and allied trades is unusually heavy is the report given out on all sides. A number of manufacturers and jobbers are finding it impossible to make deliveries as promptly as the retail trade desires, and it is also believed that because of inability to turn out articles in the time required, some business will be allowed to lapse. The scarcity of skilled labor is one cause of the conditions, and, coupled with this, say the manufacturers, is the greatly increased demand.

Several of the New York manufacturers making high grade gold and diamond jewelry said that while they were obliged to operate a part of their forces at night in order to keep up with the orders, yet they expect to make deliveries with reasonable promptness all through the season, as they are doing at present.

Other manufacturers say that they are behind and scarcely know when they can catch up with the orders. It is said that the manufacturers who make a specialty of high grade mountings and exclusive designs are enjoying remarkably heavy business, but are generally able to handle it as it comes, but that in more staple lines and die work there is the most trouble in making sufficient quantities to meet the demand

A jobber said that the demand is almost swamping the trade in all departments, from the cheapest lines to the most expensive. A manufacturer of 14 karat jewelry said that while he is filling orders for staple lines with comfortable promptness, yet he, as well as other manufacturers, are behind on special orders, these orders often calling for the manufacture of quite a number of different designs, a few of each kind, wait their turn, he said, and it is, of course, possible that some of them cannot be filled this season.

"We have been rushed," said one jobber, "since July. The fact is that many retailers sent in their orders quite early, and they bought in large quantities. Other retailers have been slower in ordering, and now that they cannot get deliveries at once, these later buyers are apt to complain. Some of them did not have particularly pleasing business early in the Summer, and it is difficult to make them realize that others have had a brisk trade right along, so that the demand from the whole country for jewelry is exceptionally large."

Scarcity of apprentices is given by a number of manufacturers as one of the annoying features of the situation. "The employes in the jewelry trade have been getting old," said one large manufacturer, "and there is not a sufficient number of young men to take the places of those who fall out. The journeymen no longer encourage apprentices. In old days, when we took in a boy to learn the business, the men were glad to teach him, but that disposition has been dying out. Now the men do not welcome apprentices, the change of feeling being due, perhaps, to influences received from the labor unions. Besides, the growing generation has inclined more to office work, clerkships and other occupations of the kind rather than those which involve manual labor. The influence of the manual training and similar institutions will, no doubt, be felt more strongly after a few years than at present, as they are as yet in their infancy."

Newark Factories Working Overtime and Unable to Get All the Help Needed.

Newark, N. J., Oct. 18.—Never in the history of this city have the jewelry factories been so rushed with work as they now are. They are working full time, with a full force and as many extra hands as can be obtained. A few are working an hour or two overtime and others are working several hours at night. There is a demand for additional skilled workers in several branches.

Everything possible is being done to keep up with the incoming orders. Most of the factories were operated on full time throughout the Summer, which was unusual, but the resulting accumulation of stock is being used up rapidly, and in some instances has already been exhausted. New orders for current business and for the holiday trade are coming in so fast that it is a question, in some shops, whether all demands can be met within a reasonable time.

Several manufacturers are refusing new orders for Christmas trade delivery, owing to their inability to find sufficient labor.

One reason advanced for the scarcity of hands, which is said to be noticeable in other jewelry centers also, is that for the last few years there has been a lack of apprentices. Consequently there is, it is said, shortage of young, skilled mechanics.

Similar conditions are reported in the sterling silverware factories in and around Newark.

Many orders for jewelry are being received from the southern States and from the west, but the largest and best business is said to be coming from the middle west. The demand is for good but less ornate jewelry than was on the market last year.

Rage for Bracelets Chokes Attleboro Factories—General Prosperity in Other Lines—How Manufacturers Apportion Their Product.

Attleboro, Mass., Oct. 17.—Thanks to the dressmakers there is a state of prosperity, of industrial high speed and pressure in Attleboro to-day that has been seldom equaled, if ever, in the history of the town as a jewelry manufacturing center. The explanation?—Short sleeves. Short sleeves demand bracelets. Bracelets are being made by the million to meet the demand. The supply of raw material and labor is inadequate to the demand. And as a consequence, the manufacturer literally has to turn away orders, and when he takes them has to sort out his customers into two classes, those whom he will supply promptly and those who will have to await his convenience. This demand for bracelets has had side effects and ramifications which have changed the whole trade situation, in the solidest staples as well as in goods not usually so classed.

Practically all women wear short sleeves. The Attleboro jewelry manufacturers, who have to study feminine styles to a certain extent, say they can detect no sign of going back to long sleeves. They declare emphatically that the short sleeve will prevail a good part of the coming Winter, at least, and how much longer is a matter of pure speculation. Meantime, they will make hay while the sun shines, which, being interpreted, means, make bracelets while the arms are bare.

A trip around the factories brought to light a number of ideas about bracelets that an ordinary Attleboro resident might not pick up by personal observation. In a quiet factory town one would never know, perhaps, if he did not ask a well-posted manufacturer, that in the cities the bracelets are worn, not singly, but in bunches, so to speak.

"We are informed by retailers," said one leading manufacturer, "that they make sales of six and in some cases seven bracelets at a time to a single buyer. For a woman to wear six bracelets on one wrist is far from uncommon, and some go a step further and put a seventh one on the other wrist. It may look barbaric, but it is our business to deliver the goods."

The situation, as he described it, is not limited to a single class of women. Those who can afford it, he adds, buy bracelets ranging in retail price as high as $12, while their less fortunate sisters have to be content with cheaper plated ornaments.

"It means just this," said he. "Concerns which have been making plated goods, but not bracelets, have put in tools and machinery and started on bracelets, sometimes paying very scanty attention to their original lines in order to get in on the cream of this rush."

To turn out bracelets in such a wholesale fashion, as this town is trying to do, it means that the makers of plated stock and plated tubing and plated wire have to work night and day to meet the requirements of the jewelry makers. One of them, speaking for all, said it was hardly possible to get enough material to work up into the stock that the manufacturers need, and the daily clamor is to hurry up this, that or the other order, as the bench hands were waiting for it.

Not only is it hard to get enough stock, but it is getting to be more and more costly business to supply it at all, owing to the steady increase in the market price of copper, and with it the price of brass. Last week came notices that another fluctuation in the copper price would necessitate a raise in brass within a few days, and this adds one more to the complications which beset the manufacturer.

And what of the salesmen? A layman

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would suppose they would be allowed to rest on their oars, and allow the mail and telegraph orders to run the factory. The situation is not quite so idyllic, but it is different from ordinary. This is about the time of year that salesmen for many concerns would naturally be out on the road, finishing up a little trip they generally take among important customers just prior to their big Fall trip for holiday orders. A few of them are engaged in this intermediate trip. Others are at the factories helping out, with sleeves rolled up, to get out the goods.

"It is over six weeks since one of our salesmen stirred a step on the road," said a manufacturer ranking in the half dozen principal ones of the town.

The main trip, which always comes just before the holidays, will be made as usual, but the one between has been largely cut out.

Bracelets, however, are not the exclusive product of Attleboro factories. There are even more concerns which make staples, chains, buttons, silverware, ornaments of personal wear and all other goods to which the word staple can properly apply. Beside this there are many concerns making cheaper goods and novelties. These concerns are all feeling the same sort of a rush that the bracelet men are. They lay it, however, not to the style of short sleeves, but to the general buying power of the country at large. They, too, are turning away and sorting out orders.

"How do you apportion your product among those who ask for it," or words to that effect, was asked each manufacturer interviewed. Each one hesitated. That was treading pretty close to his private method for keeping his head above water and not getting wholly swamped. Several answered frankly enough, but with the understanding that they would not be quoted, and thus hurt some disappointed customers' feelings.

Their replies, boiled down and analyzed, amounted to this. Owing to the volume of orders and the shortness in the supply, the manufacturers are to-day more independent in spirit and more independent in fact than they have been for years. They solicit and receive orders. These are carefully examined, not by size, but by the character of the would-be purchaser. The customer with a record for paying promptly and being "good," in every business sense of the word, gets his goods with no more delay or fuss than if the rush did not exist. The class of customers who are just short of attaining this standard of excellence have to wait a while. Those who are known or supposed to be slow pay are told that the factory cannot meet the demands upon it, and are respectfully asked to look elsewhere if they are in a hurry. The reason given for this style of apportioning out the goods is that with such heavy cost for raw material and increased labor cost, it is imperative that the cash returns be quick and reliable. A few thousands tied up in good, but slow, accounts would be a handicap of the severest sort in an emergency of this kind.

A few questions about this "general prosperity" to which the manufacturers of staple lines charge up their own activity, brought answers highly gratifying to any American. The central western, far western and northwestern states are said to be buying luxuries at a surprising rate. Made rich by the growth of their own businesses, and with high paid labor, almost the whole population is able to have Attleboro jewelry to its heart's content. The situation in the south is also reported exceedingly good.

Meantime, the thing which bothers the Attleboro jewelry manufacturers most is not the state of trade as a whole, but the strictly local labor market. Labor! Labor! Labor! It is a ceaseless cry. It is uttered verbally on the street. It is uttered in signs posted conspicuously on the highways. It is uttered in the stentorian blackness of the newspaper advertising column. The local labor market has been drained, and ingenuity has been applied to enlist more and more classes of society in the battle.

Attleboro is a center for converging lines of steam and trolley traffic. Consequently, it is able to draw largely on the surrounding territory for workers. At the same time, there is a natural limit. After several years of frenzied building of dwellings, the town is to-day so filled that tenements are at an unusually high premium. Therefore workers have to be sought in surrounding towns and cities. This has been done so successfully that an army of literally thousands rides into town every morning. A large part of this army would be glad to stay in the town, either to reside permanently or to lodge through the workdays of the week. They cannot do so, except in a few individual cases, on account of the scarcity of accommodations.

The result of this has been that most of the army has to ride back home every night to its place of abode outside. There is, therefore, a limit of distance from beyond which it is impractical for persons to come and go daily. The compasses have been stretched as much as possible to make the circle wider and wider, and within the area thus circumscribed a conscription has gone on which can be compared to nothing short of warfare between the rival firms. Green hands of all sorts have been hired for the routine work; children literally by hundreds have been taken from the public schools, resulting in official notice of the fact from an outraged school board; married women, familiar with factory work in their youth, have been pressed to take work into their homes; and THE CIRCULAR-WEEKLY man has seen the wife of a manufacturer, rich enough to indulge his family in every reasonable luxury, patiently making chain to help out.

A part of the trouble can be traced back, once more, to the bracelets. It comes about this way. Every factory in the town has a certain part of its working force which is practically permanent. In good times and bad these workers are kept on the pay-roll, and form the nucleus of the plant. The town and district are filled, then, with a sort of floating working force, which drifts about as the case requires. They work with one manufacturer when times are good, and when his orders wane, he discharges them in wholesale numbers to keep expenses down. They drift at once to some other line that may be busy and work there a while. These workers are now in great demand. They are bound by ties of loyalty to nobody, and merely follow the beckoning of the highest pay. Taking advantage of this fact, the bracelet manufacturers, having to get help at any cost, have made such bids for these workers that they have beaten the other concerns, to a large extent. The others have had to draft such recruits to fill the ranks as they can get.

One result of this promises to be that some of these floating workers will have a chance to demonstrate their abilities and will join the permanent forces of the shops which hire them. Another result will be a still further increase in the town's building activity. One manufacturer is engaged in negotiations, which, if successful, will result in his securing a tract of land in the northeast corner of the town where he contemplates erecting 30 dwellings to rent. The plan is vague, and he refused to give his name for publication with the matter, but the fact that such schemes are even contemplated is corroborative evidence of the existing state of affairs.

When you ask a manufacturer what the effect of all this rush is upon wages, his answer will depend very much on his disposition. He may get purple in the face.

"There is hardly a manufacturer to-day," said one of them, with emphasis, "who dares to walk down the length of his factory. Why? Because of the help stopping him to ask for more wages. A man jumps up from his chair and asks if the employer 'doesn't think his work is worth 50 cents more a day.' The employer will probably answer him that 'he will look into it and give him an answer later.' Nine chances out of 10 he will be quietly told it is 'all right, but he knows where he can get it.' What can the manufacturer do? There is only one thing. He tells the man to get back to his work, the extra money is his."

After hearing this story, told with variations, THE CIRCULAR-WEEKLY correspondent tried to get some figures showing the rate of increase now in force. This proved practically impossible. It can be said, however, that there are hundreds of girls, ranging in age from 14 to 20 years, who are performing the simplest kind of routine work, but doing it well and quickly on account of having deft fingers, and are being paid from $1.75 to $2.50 a day for it. That state of affairs would be hard to match in other lines of manufacturing.

LACK OF SKILLED LABOR AND SHORTAGE OF MATERIALS HAMPER NORTH ATTLEBORO FIRMS.

NORTH ATTLEBORO, Oct. 17.—This is the busiest and most perplexing Fall that the manufacturing jewelers have had in fully a decade. The orders have poured in upon the manufacturers from all sections of the country in a most phenomenal manner. It is a mighty difficult problem for the manufacturers to meet the orders within the required time limit. While they are trying their best to get the work out on time it is an acknowledged fact that in many instances they have been unable to do so. In some instances it has been necessary to make a

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partial shipment. This has been done only when it is imperative that some of the goods be shipped to tide the retailer over.

The reasons for the manufacturers being back on orders are numerous, but several stand forth more plainly than others. First, the inability to secure skilled labor has proven a bad handicap. It is well nigh impossible to secure an experienced bracelet maker, and efficient workers in other lines are just as scarce. Columns of advertisements are printed in the local papers in the hope of attracting some one, but it seems to be a vain hope.

A shortage in the market of base metals, imitation stones and seamless tubing is another handicap. The seamless tubing shortage is especially felt. The manufacturers of this supply work 24 hours a day, and are then unable to meet the demand for this product, which is used in the manufacture of bracelets.

A prominent manufacturer, in sizing up the situation, said: "Lack of help—that is, experienced labor—and a general wait all along the line for supplies are the principal reasons for the inability to get the orders out just when desired."

Providence Manufacturers Feel Unprecedented Rush—Want More Skilled Labor.

Providence, R. I., Oct. 21.—Retailers who are having difficulty in getting their orders filled and who have taken with a grain of salt the stories told them that the manufacturers were rushed to such an extent that they had to apportion their orders as best they could among their customers in an endeavor to treat all fairly, need only visit the shops here and talk with the manufacturers to find out that the stories are absolutely true. While there have been busy seasons before, and times when the manufacturers have been rushed, seldom has there been a time when conditions were exactly the same as they are now.

"If we had plenty of time in which to get out these orders, why, then, everything would go along smoothly," said one prominent manufacturer to-day when questioned regarding the situation. "But, as you know, the trouble is that everybody wants the goods right away. The holidays are rapidly approaching and the jobber and the retailer are hot on our trail. The best we can do is to partially fill the orders as best we can, and give them the balance of the goods just as soon as conditions will warrant it. A number of us are reluctantly running our factories nights. Please use that 'reluctantly,' because it is just the word that explains the situation. We are not doing it because we want to. Then, too, there is the difficulty we are experiencing in getting skilled help. Seldom before has there been such a scarcity of hands. The makers of the best grades are feeling it perhaps more keenly than houses which turn out the cheaper jewelry, but all are more or less affected. This scarcity of help is true not only of our trade, but in all lines, apparently. The trouble that some of the Chicago employers are having hasn't given any indication of showing here yet. Fortunately there are no labor troubles to add to our difficulties."

"The generally prosperous conditions throughout the country are responsible for the boom we are having," said another large manufacturer. "People are finding that they can afford rings and bracelets and they are buying them. The Christmas retail trade promises to be heavy and the retailers are preparing for it by laying in heavy stocks."

Other manufacturers who were interviewed told the same story. "We are not talking much, but are just keeping busy and trying to fill orders," said one. "We realize that there is some dissatisfaction because of delay in getting out orders, but what can we do? We are working night and day as it is, and it is through no fault of ours that shipments are not forthcoming with the promptness that the buyer would like."

The above give the general tone of all the views expressed by members of firms seen by The Circular-Weekly representative, and that the same conditions maintain in the Attleboros was also the prevailing sentiment. The jewelry business is certainly humming and the manufacturers are happy.

Involuntary Bankruptcy Petition Filed Against Albro & Kettlety, Following Their Assignment.

Providence, R. I., Oct. 20.—Following the recent assignment made by the firm of Albro & Kettlety to Ralph T. Barnefield, there was filed in the United States Court a petition by three creditors of the concern asking that the latter be declared bankrupt. The petitioners were the Edwin Lowe Gold Plate Co., with a claim of $674.64; Julius Mamluck and William H. Shackleford, doing business as Mamluck & Co., with a claim of $935.57, and Edwin C. Bliss, doing business as the Colvin Mfg. Co., with a claim of $71. The members of the firm have been subpoenaed to appear in court to-day at 10 o'clock, to show cause why they should not be adjudged bankrupts.

It was at first thought that some arrangement might be made whereby the firm would continue in business, but according to some authorities there appears to be some doubt now that this will be the case.

Two Young Women Suspected of Robbing Jewelry Stores Arrested at Rochester, N. Y.

Rochester, N. Y., Oct. 22.—Bessie M. Koehler and Grace E. Cullen, two telephone operators, were arrested last week on charges of grand and petit larceny in stealing two rings, one a diamond worth $55, from Isidore Present, a jeweler in the Central building. The two young women were arrested on complaint of Mr. Present, who said that they had come to the store and asked him to show them some rings. Two trays were placed before them. They examined the rings for some time and then departed without buying. After they had departed he found the diamond ring missing.

Mr. Present, however, had asked the young women to call again on the following day. They did call at a time when Mr. Present was out. A clerk showed them rings again, and this time it is claimed they took a signet ring with them without paying for the same. The clerk discovered the loss in time to find the women before they had gone far away, and they were arrested. Several articles of jewelry were found on them.

It was thought at first that there would not be enough evidence to hold the girls until it was learned that the same two had looked over rings at the store J. L. White and had exchanged the rings they had taken from Present. As soon as the ring was found in White's store, Judge Chadsey decided that the women should be held in bail for grand larceny, second degree, until information could be filed. Bail was fixed at $250, which Miss Cullen was able to furnish. The case will be called again Oct. 25.

Developments in the Strike of the Jewelry Workers of Chicago.

Chicago, Oct. 20.—"The backbone of the strike is broken," is the way a prominent member of the Jewelers' Association describes the strike situation. "In a majority of the shops," he continued, "you will find that several of the men have returned to their benches. In one shop in the Masonic Temple 12 of the 16 men employed there have returned to work; in another, in the same building, where 40 were employed, a majority have returned to work. At least a few men have returned to work in almost every shop, and this enables us to get out all pressing orders. Consequently the members of the association feel confident that another week will find all the men at work as usual."

An officer of the Jewelry Workers' Union, on the other hand, stated that he is daily in receipt of letters from out-of-shops, asking for men, and that possibly 40 men have left town for these jobs. He stated further that the men generally had some money laid by and were refusing the weekly benefits offered them by the union. He says that the Chicago Federation of Labor will come to the financial assistance if their treasury should become depleted.

Death of Frank Flint.

Cincinnati, O., Oct. 20.—Frank Flint, well known as a jeweler for the past 25 years, died of heart trouble at a Cincinnati hospital Oct. 15, after a brief illness. The deceased was about 51 years old and came here from Unadilla, N. Y., when about 21 years of age. For the past year he had not been very active in business. Ten years ago Mr. Flint moved from his Vine St. quarters in the Palace Hotel, where he had been established since the early '80's. He then located on Race St., where he became famous for the way he advertised, particularly in his window displays as well as for his numerous inventions in electrical contrivances. He retired with a little capital about three years ago. At one time Mr. Flint and his brother were known as the manufacturers of locks for the Hall Safe & Lock Co.

Deceased was highly respected by all who knew him. He was a bachelor and is survived by one brother, who is in the jewelry repairing business in this city.

Myer Rothstein, Johnstown, Pa., recently advertised that he would give 10 per cent. of his sales of a certain day to any worthy charity which might be named by the mayor of Johnstown. The percentage amounted to $50, which was donated to the Civic Club.

The Elegance of Pearls

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Trade-Marks of the Jewelry and Kindred Trades.
Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Medals Awarded by the Carnegie Hero Fund Commission at Pittsburg—Jeweler a Recipient.

PITTSBURG, Pa., Oct. 18.—J. E. Caldwell & Co., Philadelphia, Pa., are the makers of the medals which have been awarded by the Carnegie Hero Fund Commission to 63 persons for acts of bravery. The medals are of bronze, silver and gold. Up until yesterday, when the commission met, 47 awards had been made, but 16 additional awards were ordered yesterday. The Caldwell house has been some time making the dies, and the medals were placed on exhibition yesterday for the first time, and they are gems of art.

The photographs here reproduced show the medals in detail. They are three inches in diameter and 3-16 inch in thickness. Each medal presented is inclosed in a handsome leather case, which opens on either side. Andrew Carnegie, who established the fund April 15, 1904, gave the artist special sittings from which the profile was





OBVERSE AND REVERSE OF THE MEDAL AWARDED BY THE CARNEGIE HERO FUND.

made on the obverse, which is an excellent likeness of the philanthropist.

The reverse of the medal is quite elaborate. Its circumscribing motto is "Greater Love Hath No Man Than This, That a Man Lay Down His Life for His Friends," which is taken from the Scriptures. The low relief of the medal shows the map of the countries covered by the fund—the United States, Canada and Newfoundland. The coat of arms of Canada appears in the left-hand corner, Newfoundland on the right and the United States at the bottom. The entablature has a separate hub which is made and fitted in the reverse side of the die, allowing individual inscription to be made. Usually this kind of work is engraved, but on the Carnegie medals the work is all done in relief.

Above the escutcheons appears a sprig of ivy, which represents valor and truth; the thistle, hardihood and bravery, and the olive branch typifies peaceful occupation.

The gold medals are of 22 karat fineness, and only four have been awarded; the remainder are of silver and bronze. Each gold medal represents a value of $275.

The commission by its special agents so far have investigated 1,120 cases, 641 of which have been refused recognition and 522 are pending. The commission has awarded thousands of dollars. In every case that a money award is made, medals are also given; but in most instances only medals are awarded. Each medal presented is individual, the die being so arranged as to make this possible, the name of the hero, his residence and act of heroism appearing in relief work.

A jeweler was awarded a bronze medal yesterday. Some time ago Samuel M. de Sherbinin, of Langham, Saskatchewan, Can., who is 20 years old, rescued a man from drowning under unusual circumstances. The medal will be forwarded to him in a few days.

How Smuggling and Undervaluation Affect the Diamond Cutters and Polishers.

From the point of view of the workmen in the diamond factories the investigation of the precious stone department of the Appraiser's office at New York is of interest, as indicated by an opinion expressed by A. Meyer, the president of the Diamond Workers' Protective Union, in a recent issue of the monthly publication issued by that association.

It is pointed out that any systematic undervaluation of cut stones would have the tendency to give to the shops in Europe work which otherwise would be performed in the New York factories. The latter, according to all reports, have now as much work as they can do, there being no unemployed men in the trade, so that any loss is, perhaps, theoretical in character.

Mr. Meyer said:

"If the suspicions of Treasury Department officials were well founded, and undervaluations could be shown to have been practised at this port, it would account for the claim of manufacturers that certain grades of goods can be imported or bought cheaper than manufactured in this country.

"Undervaluations of from 30 to 40 per cent. on lots of $100 per carat on an average, might mean to us idleness, where we would be employed generally under an absolute and just appraisement.

"The diamond industry in America suffers a good deal of competition from smuggling. No matter how watchful the authorities are, and how severe the punishment, there are always people to be found willing to take the risk for the sake of the profit. But if, in addition to that, the 10 per cent. duty which is levied on the importation of cut diamonds to protect the industry in this country was not strictly maintained, there would be great danger that the industry would be killed through ill execution of the same laws which are made for its protection."

Jewelry, Clocks, Watches, Silverware and Kindred Lines, Exported from New York.

WASHINGTON, D. C., Oct. 17.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Alexandria: 1 case silverware, $175.
Bangkok: 12 packages clocks, $146.
Berlin: 2 cases silverware, $10,000.
Bremen: 3 packages optical goods, $1,363.
Brussels: 4 packages optical goods, $657.
Buenos Ayres: 1 case jewelry, $5,894; 22 packages plated ware, $2,810; 3 packages plated ware, $273.
Calcutta: 9 cases watches, $1,585; 1 package optical goods, $640; 19 cases clocks, $575; 3 cases clocks, $528; 48 cases clocks, $800
Colon: 1 package plated ware, $209; 4 packages plated ware, $691.
Conception: 1 case clocks, $110.
Demerara: 7 cases clocks, $128.
Dublin: 14 cases clocks, $319.
Glasgow: 31 cases clocks, $217; 83 cases clocks, $2,215; 4 cases watches, $500.
Guayaquil: 23 packages plated ware, $210.
Hamburg: 1 package optical goods, $100.
Havana: 1 case jewelry, $153; 1 case jewelry, $578.
Havre: 2 cases jewelry, $525.
Liverpool: 1 package plated ware, $1,324; 1 case jewelry, $900; 7 packages jewelers' ashes, $6,000; 107 cases clocks, $2,634; 4 cases watches, $150; 1 case jewelry, $350.
London: 1 package gold leaf, $200; 8 packages plated ware, $406; 33 packages optical goods, $5,294; 42 cases watches, $4,030; 5 packages scopes and views, $1,103; 57 cases clocks, $1,230; 12 packages scopes, $510; 83 cases clocks, $1,623; 1 package optical goods, $379; 5 packages plated ware, $269; 10 packages optical goods, $1,911; 40 cases watches, $7,727; 6 packages scopes and views, $1,609.
Manzanilla: 6 cases clocks, $320.
Manila: 40 cases clocks, $960; 2 cases silverware, $1,607.
Montevideo: 1 package optical goods, $165; 110 cases clocks, $3,519.
Para: 3 cases jewelry, $854.
Rangoon: 1 package optical goods, $100; 12 cases clocks, $181.
Rio de Janeiro: 33 cases clocks, $419; 4 cases jewelry, $2,924; 290 cases clocks, $3,747.
Savanilla: 8 cases clocks, $142.
Singapore: 34 cases clocks, $519.
Sydney: 25 cases clocks, $886.
Trinidad: 8 cases clocks, $103; 4 cases jewelry, $447.
Valparaiso: 24 cases clocks, $1,176; 10 packages plated ware, $1,301; 2 cases watches, $666; 4 cases watches, $911.
Wellington: 7 cases clocks, $207.
Yokohama: 224 cases clocks, $3,120.

J. E. Smith recently sold his business in Albion, Nebr., to C. F. Steiger.

Mrs. A. H. Roberts is moving her stock of jewelry from Falls City, Nebr., to Miami, Ind. T.

Emery Munson, Mendota, Ill., has a black pearl weighing 8½ grains, found recently in one of the western rivers, which is described as an unusually fine specimen. The stone is exhibited in his show window.

M. Blumenstock, Ludington, Mich., recently completed the erection of a brick block containing three large double stores. Mr. Blumenstock occupies one of these, 219 S. James St., and has installed new fixtures and wall cases.

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Manufacturer of a general line of

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MOUNTINGS

Prompt attention given to special order work.

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Death of Capt. George W. Meyer.

MERIDIAN, Miss., Oct. 17.—Meridian has lost its leading and most public spirited citizen and the jewelry trade is bereaved by the death of one of its most prominent members in the south, Capt. George W. Meyer, head of the firm of Meyer & Schamber, having passed away Monday night. For more than a year Capt. Meyer had been in feeble health, but the seriousness of his condition was not realized until a month ago, when a diagnosis of his malady disclosed it to be cancer of the stomach. At this time Capt. Meyer was in Chattanooga, but he was brought to Meridian to the home of his daughter, Mrs. S. A. Neville, and from that time grew gradually worse until death relieved his sufferings.

No event that has occurred in years in Meridian has caused more heartfelt grief than the death of Capt. Meyer, as he was not only its leading jeweler but its leading citizen in the banking, mercantile and manufacturing world as well. The closed doors of half a dozen Meridian business houses, and streamers of crepe upon them expressing the sorrow of the proprietors, testify not only to the prominence of the deceased, but to the esteem in which he was generally held, and shows how much his death is considered to be a loss to the community.

Mr. Meyer was born Sept. 16, 1838, in Brooksville, Ind., and having served in the Federal army through the Civil War, settled in Enterprise soon after the close of hostilities. He came to Meridian in 1869 and engaged in the jewelry business, establishing the first store in the jewelry trade in the city; he prospered from the first, built up a large trade, and soon became one of the city's leading and progressive citizens.

In 1898 C. W. Schamber was admitted to the firm, and since that time the business has been conducted under the style of Meyer & Schamber.

As his business grew, Mr. Meyer gave attention to other enterprises, and his co-operation and advice were sought in many lines. Among the many concerns in which he was a moving spirit might be mentioned the Union Bank & Trust Co., Meyer-Neville Hardware Co., George W. Meyer Improvement Co., G. W. Meyer Jewelry Co., Meridian Fertilizer Factory and People's Savings Bank, of all of which he was president; the H. H. Meyer Packing Co., of Cincinnati, of which he was vice-president, and several Texas oil companies of which he was president; Meridian Coffin Co., Meridian Wagon Factory, Bonita Brick Co., and the banks at Gulfport, Newton, Union and York. He was one of the organizers and the first president of the Citizens' Bank, and a chief promoter of Meridian's street railway system.

The deceased was married shortly after the Civil War to Miss Carolyn Koebel, and his widow and five children, three sons and two daughters, survive him. They are Henry G. Meyer, who held an interest in the business until three years ago; W. A., O. J. Meyer, Mrs. Cora Neville and Miss Evie Meyer.

In speaking of Mr. Meyer's death the *Evening Star* of this city said yesterday: "A public loss is sustained and is realized throughout this community, for in no single individual were so largely centered the vital elements of the city, social, commercial and industrial. Around none clustered so many and important interests, and in no other personality resided more completely the public faith and confidence as a leader in the progressive movement. Mr. Meyer was a part, and a very large part, of Meridian; he was part of its growth, a supreme factor in the city's development from a straggling village up to the urban dignity that it now enjoys, and no step was taken in all that upward way that he did not measurably influence."

The funeral will be conducted by the Rev. W. McGreen, pastor of St. Paul's Episcopal Church. The leading citizens of the town will act as active and honorary pallbearers.

Indiana Pearl Dealer Denies Report That Imitation Pearls Have Been Sold to Clammers.

A pearl merchant at Vincennes, Ind., who does not wish his name published, has written to THE CIRCULAR-WEEKLY in relation to the article published Oct. 10 under the heading, "French Dealer Reported to be Selling Imitation Pearls to Fresh Water Pearl Fishermen." The Vincennes dealer expresses the opinion that the statements made in the article were of a misleading character, but in this he differs from several buyers in New York.

One large New York buyer to whom the Vincennes dealer himself sells pearls has in his possession specimens of the imitation which came in the guise of genuine pearls. The Vincennes dealer, who believes that no imitations have been sold to dealers in the trade with intent to deceive, says:

"Many of the western papers have copied the article, and I think it an imposition that such a misleading piece of news should go the rounds of the press. It is true there are some foreigners here, and that they have some imitation pearls, but no one has bought any of them for genuine, nor are they offered for sale as genuine.

"Possibly some one might take one of these pearls and sell it to some one else as genuine without examining it, but no dealer buys them, nor do they go to the New York markets, only in rare instances. The imitation pearl that cannot easily be detected is yet to be found."

This letter was shown to one pearl buyer in New York, who has specimens in his possession of the imitation pearls, and he said:

"My friend in Vincennes may not know of any cases in which people have tried to sell these pearls as genuine, but that does not prove anything. The people who sent me the specimens I have, sent them for real pearls. One man sent me a pearl which he supposed was genuine for appraisal.

"Now, as to the ease with which the imitations are differentiated from genuine pearls there may be differences of opinion. I have been handling pearls all my life, and I confess that I have to look carefully at these imitations before I am sure of their character. I have no doubt that inexperienced people would be deceived by them.

"I look on the publication of the facts in relation to these imitations as a warning that should benefit all. Since the facts were published people who buy pearls examine them with care in order to avoid deception. Dealers who are not trying to sell imitations for genuine pearls should be pleased whenever an attempt of this kind is exposed."

Foreman of a New York Jewelry Factory Charged With Larceny by His Employers.

Richard Schluttig, foreman in the jewelry department of the Cooper Diamond Co.'s works on Eighth Ave., Brooklyn, was brought into the Adams Street Police Court in that borough, early last week, charged with grand larceny in stealing diamonds and pearls to the value of $1,500 from his employers. It was said that he was ready to plead guilty, but the judge was not ready to accept the plea at that time, and the case was adjourned until to-day.

Schluttig, who had been employed as a designer in a number of well known jewelry houses, both downtown and on Fifth Ave., went to work for the Cooper Diamond Co. in July. Because of his excellent record the members of the company had implicit confidence in him. He had nothing to do with the diamond cutting works, but full charge of the jewelry factory was entrusted to him. He had the custody of the diamonds, pearls and other gems, which were sent to him for mounting; he also had charge of the gold and he gave out the work to the men.

Recently the company received an order to mount a diamond valued at $500 in a "La Valliere." When the time came to deliver the piece the diamond could not be found. This directed suspicion against Mr. Schluttig, and other incidents also added to the suspicion, particularly the fact that he did not appear for work a day or two after that. A member of the company on going to his home, 217 Ridgewood Ave., Brooklyn, was handed a letter by Schluttig's wife, containing pawn tickets, calling for the missing $500 diamond and also for other articles of jewelry.

The members of the company are of the opinion that the pawn tickets represent nearly all the articles that he took, and that at the most about $2,000 will cover the value of his thefts. One of the members of the firm said that Schluttig confessed; that the foreman, after pawning the jewelry, had lost the money realized in betting on the horses, as he frequented pool rooms.

The diamond which was to be set in "La Valliere" he took to New York, according to the account, on an afternoon when he excused himself for going away by saying that he had to visit his dentist. Instead of going to a dentist, it is said, he pawned the stone for $250 and lost the entire amount the same day in a pool room.

There was, of course, no possibility that the stealing could long escape detection. Members of the company say that the thefts could not go back any farther than Sept. 20. Schluttig must have known that the articles he took would be missed, his employers say, and the loss would be traced to him. It is said that he took the more valuable gems in the hope that by increasing his bets he could recover what he lost and make restoration. His father is said to be a well-known merchant in Berlin.

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The Diamond Markets.

ANTWERP, Oct. 11.—Business continues to increase, and large orders are coming in from all sides. Cut stones are in great demand, being mostly sold before they are entirely finished. The extensive sales of diamonds of every sort continues, and roses and six faces have been called for particularly by Italy and Spain. For some time past there has been an active business carried on with Japan.

At a general meeting of the Diamond Club of Antwerp, Sept. 24, the following officers were named: Messrs. H. Degueldre, A. DeRidder, H. Kleinberg, C. Marien, E. Neubauer, E. Van Beever and V. Roolant.

R. Elbaum and Sam Elbaum have formed the firm of Elbaum Frères for a period of four years, commencing with Jan. 1, in Antwerp.

The following buyers visited the market here during the past fortnight: Messrs. Binnenfeld, Montias, B. Rapoport, M. Slabotzky, J. Sloog, Arm. Levy, Rollman, Schiff, Prager, Moresco, Eknayan, L. Van Moppes, Reubbens, Mayer, M. Hahn & Co., Mund Frères, Merlin and Garabidian, all of Paris; Mr. Friend, San Francisco; Messrs. Muller, Kauffmann, Gallop and Infeld, London; Mr. Griffith, Birmingham; E. Strauss and Mr. Baum, New York; Mr. Pollack, Moscow; Mr. Frankel, Frankfurt-on-Main; H. Strauss, Hanau; Mr. Pardo, Amsterdam; Mr. Alexandroff, St. Petersburg; Mr. Bozenhardt, Hamburg.

PARIS, Oct. 11.—There has been a notable improvement in business conditions during the past week; sales are much better, and diamond dealers report that there have been more buyers here this year than during the same time last year. There is a large demand for mêlée, two, three, four and five grain brilliants. Sales in pearls and colored stones were very good through the entire month of September.

It is rumored here that one of the most prominent jewelers, whose headquarters are in New York, will soon open a fine shop near the Place de l'Opera. The shop will be a marvel, it is said.

The offices of Ernest Eschwege and Albert Eschwege, which were formerly at 3 Rue St. Georges, have been removed to 42 Rue Le Peletier. The offices of Mr. Sehalom are now at 54 Rue Lafayette.

A new firm was recently established under the style of Cartier, 13 Rue de la Paix, for a period of 15 years, and with a capital of 2,538,770 francs.

AMSTERDAM, Oct. 10.—The general tone of the market is very good, and dealers are all disposed to buy freely. The demand for fine roses has never been so large as at present, the stones being often sold before they leave the "sheave." September was a splendid month for the trade, the best buyers again being Americans. The sale of large stones is better with European firms.

It is announced that a World's Fair will be organized, which will be held in 1908. A committee will probably be formed and well-known persons will take the initiative steps. The principal entrance will probably be in Jacob Obrecht St., and the buildings will be erected against Johannes Verhulst St.

The following foreign buyers have been here during the month of September: Representatives of Eichberg & Co., David Mayer, Jos. H. Fink & Co., S. B. Ross & Co., New York; M. Hahn & Co., A. & E. Worms, Lehrfeld & Pampé, Lambert Frères & Co., Paris; Mr. Neresheimer, Munich; H. Klein, Antwerp; Mr. Rozenhardt, Hamburg; G. B. Kaufmann, London.

Creditors Who File Bankruptcy Petition Against C. A. Weber Allege That He Pawned His Stock.

Involuntary bankruptcy proceedings were begun last Saturday against Charles A. Weber, a diamond dealer at 320 Fifth Ave., New York. The petitioning creditors accuse him of pawning his entire stock, estimated in value at $40,000, and of using the proceeds not in the payment of debts but in gambling and dissipation. It is said that he has paid little, if anything, for the pledged stock, so that his liabilities will be about its full value of $40,000.

John R. Keim, manufacturing jeweler at 246 Fifth Ave., was appointed receiver on the request of creditors, in which Mr. Weber acquiesced. The creditors named in the petition and the amounts of their claims are given as follows: Theodore B. Starr, $1,484, balance due on a diamond necklace delivered to Mr. Weber on Sept. 1; Kleinschmidt, Howland & Co., $3,680, money loaned on Oct. 5 and 12, and David C. Townsend & Co., $1,167, money loaned on Oct. 5.

Besides the above claim of Kleinschmidt, Howland & Co., for money loaned, the firm has also other claims, it is said, for money loaned on notes not yet due and for merchandise sold, the total indebtedness to the firm being placed at $10,000. Among other creditors, it is understood, are Eisenmann Bros., $9,275; Saunders, Meurer & Co., $7,635.

Among the allegations is the charge that on Aug. 27 Weber pawned a diamond chain valued at $3,000 with Charles Lang & Co. for $2,000. It is said that the other parts of the stock went to various pawnbrokers within four months. In all, he obtained on the tickets, it is said, about $20,000.

Mr. Weber, who lives at 216 W. 103d St., was formerly in the employ of Theodore B. Starr, and afterwards was successively with C. W. Schumann and John R. Keim. About eight years ago he began business for himself. He is about 36 years of age.

Death of William Grasser.

FREMONT, O., Oct. 17.—William Grasser, Fremont's oldest jeweler and one of the pioneer business men of this section, is dead. Mr. Grasser was stricken with paralysis while at work in his store yesterday. His death is mourned by a large number of friends and business associates.

Mr. Grasser started in business in Fremont about 30 years ago and built up a good trade. He was a practical man, well reputed for his skill and highly regarded in the trade.

The Marietta Jewelry Co., Marietta, Ga., is fitting up a new store in larger quarters at that place.

Examination in the Bankruptcy Proceedings Against Sol. Urbach Grows Interesting.

Hearings have taken place nearly every day in the last week in the case of Sol. Urbach, diamond merchant, at 49 Maiden Lane, against whom a petition in bankruptcy was filed Sept. 17, after he had reported the loss of his stock, valued at $40,000.

The issue now before Referee E. K. Pendleton is whether or not an order should be granted directing Urbach to turn over to the trustee in bankruptcy the missing stock or its equivalent in cash.

Alfred Krower, of Albert Lorsch & Co., continued his testimony along the lines of his prior examination, which was reported in the last issue of THE CIRCULAR-WEEKLY. He testified that he furnished all the stones which had been used by the creditors' attorney in testing Urbach's knowledge of diamonds. Mr. Krower said that all the stones were glass and the entire collection was worth not more than $20.

It will be recalled that Mr. Urbach, when the stones were set before him, said they might be worth anywhere from $20,000 to $40,000.

Individual stones on which Mr. Urbach had given his opinion, were submitted to Mr. Krower, who promptly declared that all were glass. When Mr. Urbach was on the stand he took considerable time in examining these imitation stones, using a magnifying glass and taking them to an outer window to get a strong light. Some of the stones, Mr. Urbach said, were imitation and some real.

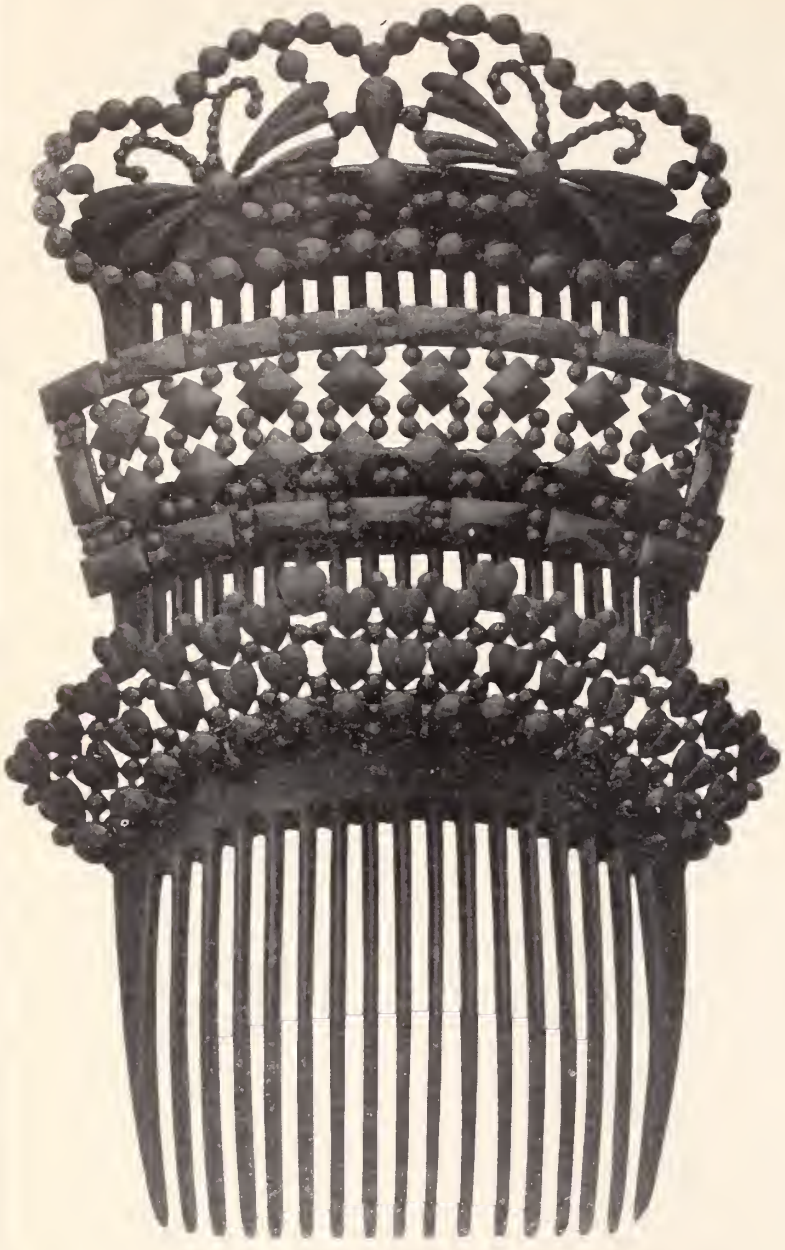
Other diamond merchants were examined and corroborated Mr. Krower's testimony as to the stones in the exhibit being all of glass. The merchants also testified that before a dealer starts out to sell diamonds he carefully sorts them and places price marks on the tissue papers in which the gems are wrapped. They said that a dealer could not differentiate the stone as to grades and prices by merely looking at them and would not trust himself to do so.

The object of the testimony brought out in behalf of the creditors was to discredit Urbach's account of his trip to Baltimore, and the reported loss of his stock. The attorneys for the creditors tried to show that Urbach, who had been in the diamond business for less than a year, knew little about it and would not be likely to start out for a city which he had never seen, carrying his entire stock without marks to show values and intending to sell it not in bulk, but in various grades and quantities, according as the buyers might desire.

The cross-examination of the witnesses by Mr. Urbach's lawyer was chiefly in the direction of showing that they were creditors, and may be biased against his client; also that his client, being a comparatively small dealer, could more readily identify his diamonds and did not invariably need price marks as in the case of a dealer handling larger amounts of stock.

Harry B. Rote, Chestertown, Md., will move into newly furnished quarters about Nov. 1.

The store of J. M. St. John, Dallas, Ga., was badly damaged by fire, Oct. 14. The exact amount of the loss is unknown.





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Telephone, 4577 John.

Providence.

Mr. Metzenberg, representing Sears, Roebuck & Co., Chicago, was among buyers who were in town last week.

William A. Schofield is one of the candidates on the Republican Common Council ticket for the coming election.

Frank B. Reynolds is receiving the support of the Democratic organization in the Sixth Ward for a Council position.

Among imports at the port of Providence last week were seven packages of imitation precious stones from Bremen and one of the same kind from Havre.

The Gorham Mfg. Co. has been awarded a gold medal by the Superior Jury of the Milan (Italy) Exposition for its exhibit at that exposition. J. F. P. Lawton, of the company, has been awarded by the same jury a silver medal for his exhibition of the "welfare work" of the company and the interest he has shown in promoting the same.

Gilbert M. Luther, of Cranston, formerly a manufacturing jeweler in this city, has filed a voluntary petition in bankruptcy with Clerk Cross of the United States Court, and has been adjudged a bankrupt. His schedule shows liabilities amounting to $2,658, all contracted previous to 1885, and assets of $1,090. The latter include a claim against a New York debtor which, however, is marked on the schedule as being outlawed.

The annual meeting of the New England Manufacturing Jewelers' & Silversmiths' Association will be held next Saturday evening in the Masonic Temple on Dorrance St. There will be a supper at 6.30 o'clock, followed by a business meeting that is expected to be interesting. In view of conditions in the trade, the passage of the stamping bill and other matters of interest to the jewelers there will be plenty of material for discussion. Officers for the ensuing year will be elected, and there will probably be informal speechmaking. Admission will be by card.

The Providence Public Library has sent out for general distribution a pamphlet of 28 pages, giving a full list of the technical works which the library has to offer for the use of the workmen of this city, the three main subjects being textiles, jewelry and silversmithing, and foundry and machine shop works. In jewelry and silversmithing is included a list of standard works on gold and silver metallurgy, electroplating, practical enameling and coloring, engraving, chasing and die sinking; jewelry and silver work in general; plant and animal form; modeling and plated work; designs for silverware and jewelry and magazines and other publications useful to the jeweler and silver worker. The library is open every day in the year, and the art and industry department, where these works are to be found, are open from 10 A. M. to 9 P. M. every weekday and 2 to 9 P. M. Sunday.

On a charge of robbing the S. & B. Lederer Co. of jewelry valued at $339.30, Charles Hostmeyer was sentenced to four months in the Providence County Jail by Associate Justice Lee in the Sixth District Court last week. He pleaded guilty to the larceny of one lot of metal valued at $50; another of collar buttons valued at $85.80, and another of cuff buttons valued at $203.50. Hostmeyer was found by S. Lederer leaving the shop with a package of gold and silver scrap. He was detained and the police summoned. When taken to police headquarters and subjected to a rigid examination, Hostmeyer finally admitted that he had taken the stuff intending to sell it to a dealer on N. Main St., to whom, he said, he had previously sold metal scrap stolen from the shop. He also admitted that he had a quantity of jewelry at his home. The latter was visited, and there were found 2,400 collar buttons, valued at $85.80 and 1,850 cuff buttons valued at $203.50. Hostmeyer admitted, too, that he had been involved in a somewhat similar affair once before in North Attleboro.

North Attleboro.

Walter B. Ballou, who was seriously injured in an automobile accident last week, is steadily improving, and is now out of danger.

Richard Saunders returned Saturday from an extended trip through the west for the Paye & Baker Mfg. Co. Thomas C. Frothingham got back Thursday.

Alfred Beaulieu had his left arm almost severed at the factory of the T. I. Smith Co., Wednesday. He was working at a buzz saw, and his hand slipped and the arm struck the wheel between the elbow and the left wrist. A gash clear to the bone resulted.

Charles Horstmeyer, the foreman of the S. & B. Lederer Co., Providence, who was arrested last week for the larceny of jewelry and stock from his employer, was a former resident of North Attleboro. While with H. H. Curtis & Co. he had trouble, but matters were adjusted without bringing him before the courts.

The injury that Harry Norteman sustained at the J. J. Sommer & Co. factory may be the basis of a suit that will be brought by *Collier's Weekly* against the General Accident Insurance Co. of New York. Norteman subscribed to the paper and received as a premium an accident insurance policy. He was injured by a wire striking him in the eye. The insurance company, it is alleged, refused to settle, and J. J. Sommer brought the matter before the owners of the paper, who have promised to give the matter their attention.

Attleboro.

Joseph Heywood, a veteran jeweler, for years with Bliss Bros., has returned from a lengthy visit in England.

Charles M. Robbins has closed up his Attleboro residence, and in a few weeks will leave for a European trip.

David E. Makepiece, of the D. E. Makepeace Co., is expected home this week from an automobile trip to the west.

Frank W. Weaver, Harry P. Kent, Benjamin P. King and Edward A. Hammond were last week elected to office in Ezekiel Bates Lodge of Masons, Mr. King for his 19th consecutive term.

Charles H. Eden, of the C. H. Eden Co., has been made defendant in a suit for $1,500 brought by Mrs. Minnie Leonard, for damages alleged to have been received through Mr. Eden running into her with his auto.

Bernard and James F. Simms, proprietors of Simms & Co., and John J. Simms, employed by the Daggett & Clap Co., have the sympathy of the trade in the death of their father, John Simms, last week. Mr. Simms passed away at the age of 86, after a long life of skilled and valuable work. He was a veteran of the Civil War.

The standing of the teams in Jewelers' Bowling League at the close of last week was in this order: Attleboro Mfg. Co., Regnell, Bigney & Co., Bates & Bacon, W. E. Richards & Co., Watson & Newell Co., J. M. Fisher & Co., C. A. Harsh & Co., Carter, Qvarnstrom & Remington, C. H. Eden Co. and Fontneau & Cook Co.

The Attleboro manufacturing jewelers have all received letters from the Manufacturing Jewelers' Association of Chicago, asking them to take a stand in harmony with the one adopted by the writers, in reference to the move of the jewelry workers for an eight-hour day. The Attleboro manufacturers are not yet directly affected by this problem. The Jewelery Workers' Union of America has a few members in the factories here, but not sufficient in numbers to have any control of the situation, or to warrant the members in making any demands as such. The Attleboro manufacturers are known to be opposed to unionizing the shops, and this, combined with the ease with which the places of skilled workers can be filled under ordinary conditions, has conspired to prevent any such situation as now exists in Chicago.

Buffalo, N. Y.

Eugene Warner, an attorney, representing the African Diamond Co., of this city, was in the bankruptcy court recently to explain why he refused to deliver the books of the company to the trustee in bankruptcy. It was claimed that he had taken the books to a member of the company in Binghamton. The attorney promised to write and have the books sent to the trustee.

It is said that efforts are being made by friends of Mrs. Jacob Schlenker, who pleaded guilty to the charge of stealing jewelry and money from the Freeman Jewelry Co., to establish that she is mentally unbalanced and to have her committed to a State hospital. She was not sentenced after a plea, but was released on bail, and her friends hope that they will be able to keep her out of jail.

The Court of Appeals last week handed down a decision dismissing the appeal of the German-American Bank from the judgment against them obtained by King, Raichle & King, wholesale jewelers at Main and Court Sts. The appeal was from a decision of the Appellate Division confirming a previous decision of the referee. About two years ago the bank, which owned the building in which the jewelry firm was situated, started to make extensive repairs to the structure, and in doing so cut off a hallway and three closets used by the jewelers in their business. The jewelers brought suit for relief, alleging also that they sustained injury to fixtures and furniture by reason of the water and dust which entered into the building, and also for lost business. The bank claimed the contractor was responsible, but the jewelers obtained a judgment for $2,100.

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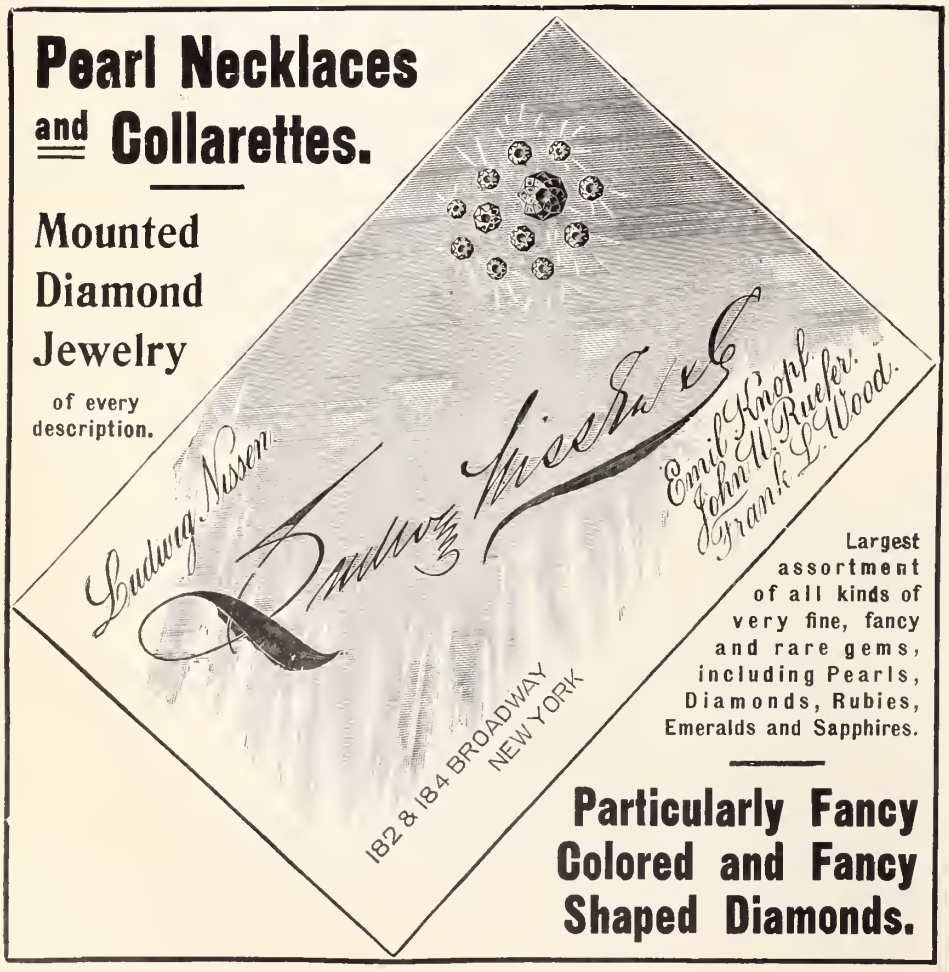
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News of the Associations.

The following applications for membership have been received by the West Virginia Retail Jewelers' Association: G. C. Burrell, Weston; Chas. J. Kinzler, Bluefield; E. F. Randolph, Williamson; Duerr Bros., New Martinsville; F. M. Glenn, Belington; W. T. Curry, Belington; Stanley J. Peters Co., Northfolk; A. Dapkus, Thomas; J. C. Wilcox, Welch; Morris Turk, Keystone; A. C. Martin, Mannington; John B. Ross, Sutton; H. E. Kelley, Salem; C. M. Metheny, Thomas; Chas. D. Hanger, Alderson; Riley Bros., Philippi, and Henry Zillikin, Wellsburg.

It is possible that the association will hold a meeting at Clarksburg, Oct. 30. Charles E. Baab, the secretary, reports that the jewelers of the State have taken great interest in the organization, and that it is growing in importance, influence and membership every day.

James M. Radabaugh, Hasting, Minn., secretary of the American National Retail Jewelers' Association, reports that there have been about 125 new members added to the rolls in the past month, and that the next few months will see a still larger increase. Two new State associations have been affiliated with the national body, and a number of others will be affiliated some time this month, when the subject will be taken up at the various meetings. It has been decided to ask State associations to affiliate now on the payment of 25 cents per member dues up to Dec. 31, 1906. The dues will be $1 a year per member after Jan. 1, and this is the only fee that will be charged by the national body. Among the State associations which are included in the national body are these: Kentucky, Indiana, Wisconsin, Ohio, Iowa, Nebraska, Mississippi, Arkansas, Illinois, Massachusetts, Minnesota and South Dakota.

Importations at the Port of New York.

Weeks Ended Oct. 20, 1905, and Oct. 19, 1906.		
China, Glass and Earthen Ware:	1905.	1906.
China	$149,471	$138,938
Earthen ware	23,876	19,130
Glass ware	47,948	36,304
Optical glass	2,172	191
Instruments:		
Musical	21,286	18,682
Optical	15,262	14,540
Philosophical	5,588	5,154
Jewelry, etc.:		
Jewelry	9,577	21,466
Precious stones	794,419	701,271
Watches	41,192	45,076
Metals, etc.:		
Bronzes	5,046	2,165
Cutlery	30,545	44,089
Dutch metal	2,340	3,296
Platina	34,313	93,755
Plated ware	.....	.....
Silverware	2,377	4,147
Miscellaneous:		
Alabaster ornaments	.....	.....
Amber	2,851	4,745
Beads	4,850	3,355
Clocks	.....	10,642
Fans	7,598	8,208
Fancy goods	11,039	10,461
Ivory	13,745	.....
Ivory, manufactures of	2,025	312
Marble, manufactures of	15,727	14,322
Statuary	1,888	7,012

William F. Williams, Waukomis, Okla., has discontinued business.

E. J. Price & Co. are closing out their stock at Reinbeck, Ia. Mr. Price will remove to Dubuque.

Connecticut.

E. H. Rowe, New Haven, is taking a week's rest from business in the northern part of the county.

Walter Camp made an address before the University of Bridgeport, on Tuesday of last week, on the new rules of football.

The Bradley & Hubbard Mfg. Co., Bridgeport, has been awarded the contract to supply gas and electric fixtures to the Hall of Records in Springfield.

W. C. Goodwin, for many years a traveling representative for J. H. Sessions & Sons, Bristol, died last week, after a short illness, at his home at that place.

The wife of Gen. George H. Ford, New Haven, who had been abroad for several months, chiefly at the Ford residence in Rome, Italy, arrived home last week.

Miss Susan E. Kirby, daughter of Samuel H. Kirby, New Haven, and H. M. Greist, of the Greist Mfg. Co., Westville, were united in marriage last week, at the home of the bride's parents.

Henry J. King, superintendent of the movement department of the New Haven Clock Co., and Miss Helen Mildred Ryan, Meriden, were recently married. The couple will make their home at 743 State St.

Walter Camp, Jr., son of President Walter Camp, of the New Haven Clock Co., and formerly Yale's athletic adviser, while playing football with the Westminster School eleven, on the afternoon of Oct. 17, sustained a broken collar bone.

The S. & I. Co., Wallingford, was recently incorporated with a capital stock of $50,000 divided into 500 shares of $100 each, to manufacture metal goods. The incorporators were: R. T. Ives, J. G. Ives and C. R. Parmelee, all of Wallingford.

N. L. Bradley and Walter Hubbard, of the Bradley & Hubbard Mfg. Co., Bridgeport, were re-elected directors of the Meriden Hospital corporation, Oct. 15. Mr. Bradley was re-elected president and Mr. Hubbard vice-president of the organization.

On Monday morning, Oct. 15, the Lake & Strobel Co., Waterbury, began to dispose of its stock at reduced prices. The sale was made imperative owing to the recent death of Christian Strobel. The executors are attempting to settle the estate as soon as possible.

Harry Stone, foreman of the case department of the Sessions Clock Co., Forestville, resigned his position last week to act as superintendent of the case department of the New Haven Clock Co., New Haven. Before leaving his old position, Mr. Stone was presented by his fellow employes with a gold watch and chain.

William H. Lyon was nominated as Republican candidate for State Senator at the American District Republican Convention, held last Thursday. Mr. Lyon is secretary and treasurer and general manager of the Chas. Parker Co. Charles J. Heineman, who, on Thursday, was nominated for representative at the American District Republican Convention, is foreman at factory "N," International Silver Co.

A three-ton printing press which was to have been installed in the quarters of the Bond Press at 865 Main St., Hartford, was kept in the street for several hours last Wednesday afternoon because Harvey & Lewis objected to the unusual weight being placed on the floor above their store. Upon looking over the building, which is 80 years old, the building inspector decided that four new beams should be placed between the first and second floors in order to support the press.

Several well-known jewelers were called to testify in an interesting case which came before the police magistrate in Hartford, Oct. 18. A diamond had been stolen and reset, and the question arose as to whether or not the owner of the gem could positively identify the stone in its new setting. Among those who gave expert testimony were Samuel H. Abrams, Fred. Rozelle and W. H. Miller. The latter said that weight was one of the most important features in identifying diamonds, but hesitated to positively identify the ring in question.

Two hundred men and boys employed by the Waterbury Clock Co., Waterbury, last week, organized a searching party to aid Christian Jackle, also in the employ of the clock company, to find his wife, who had disappeared from her home. The party had been searching the woods about half a mile north of Jackle's home about an hour and a half when they found the missing woman's body. The woman is supposed to have committed suicide while in a state of despondency brought about by brooding over the recent death of her several children.

Lancaster, Pa.

L. W. Rubenstein, New York, visited friends here last week.

Howard Detterlein, of the Non-Retailing Co., is on a round up trip through Pennsylvania.

Charles Bowman, of Ezra F. Bowman's Sons, was in Hagerstown, Md., last week, on a business trip.

William T. Musketnuss, 33 years old, a well-known engraver, died Oct. 18 of a complication of diseases.

H. M. Harkness, of Reedsville, Pa., has entered the Ezra F. Bowman Technical School for a course in engraving.

E. R. Randall, optician, at S. Kurtz Zook's, has returned from a two weeks' hunting trip to New York State.

It is now believed the Hamilton Watch Co. will be able to begin the manufacture of O-size movements about Jan. 1.

H. S. Meiskey, of the H. S. Meiskey Co., was among the pallbearers at the funeral of the late Captain John R. Bricker, Lititz, Oct. 17.

G. W. Reisner has just finished making the class pins for the Lancaster High School class of 1907. They are of gold, in the form of a broken circle, and on a shield in raised characters are the class number and motto.

Among the jewelers who visited this city lately were: Charles Keim, Newport, Pa.; Frank H. Carson, Pittsburg; Julius Dent, Cleveland, O.; Henry Foehl, Columbia; M. Stormer, Spring Forge, Pa.; H. F. Andrews, Strasburg; S. H. Miller, Mt. Joy; E. P. Zane, Christiana.

Edward K. Carpenter, a leading jeweler of Burlington, Ia., has been visiting Richard B. Mason, of Aug. Rhoads' store. The former is the grandson of the late Anthony Carpenter, a jeweler of New Holland, Lancaster County, whose four sons were jewelers. Three settled in Burlington when young men and established a large jewelry store, to which Edward K. succeeded. During a visit here he saw in Aug. Rhoads' store a grandfather's clock, on the face of which was the name of the maker—his grandfather. He promptly bought the clock and sent it home.

Canada Notes.

Joseph H. Healey, Wheatley, Ont., has sold out to G. B. Hillmer.

G. F. Smith has purchased the business of A. L. McNairn, Springhill, B. C.

One night recently Mr. Gouin's jewelry store at Victoriaville, Que., was robbed of between $6,000 and $7,000 worth of jewelry.

Edmund Scheuer and Edmund Scheuer, Jr., Toronto, Ont., have gone to New York and eastern jewelry markets on a buying trip.

Fred J. Dingwall, manager of D. R. Dingwall, Ltd., Winnipeg, Man., has returned to that city after several months' absence in British Columbia, during which he underwent a successful operation for appendicitis.

Among the out-of-town buyers in Toronto, Ont., last week, was E. Atwood, of Hamilton, Bermuda, West Indies, who placed orders for souvenir goods and silver novelties. Others were: T. J. Porte, Winnipeg, Man.; T. Binkley, Hamilton, Ont., and G. E. Miller, Grimsby, Ont.

An attempt was recently made to enter the store of D. R. Dingwall, Ltd., in the north end of Winnipeg, Man. The robbers broke a pane of glass while removing a wire netting, and made off, as the sound attracted the attention of a night watchman. Two men suspected of being concerned have been arrested.

A Canadian press dispatch from England states that Birmingham jewelers are protesting against the Canadian gold and silver marking act, passed at the last session of the Dominion Parliament, on the ground that (as pointed out by THE JEWELERS' CIRCULAR-WEEKLY at the time) it prohibits the importation of nine-karat English jewelry in favor of the 10-karat jewelry of the United States.

William Glyn Ellis, eldest son of Matthew C. Ellis, vice-president of P. W. Ellis & Co., Toronto, Ont., and a student of Toronto University, died Friday, Oct. 12, as the result of injuries received in a game of football. He was 20 years old. He collided with another player, fainted shortly afterwards, and was taken home. The fatal result was entirely unexpected by his medical attendants, who looked for a speedy recovery.

Word was received in Whitesburg, Ky., last week, to the effect that a man named Dickson had found "blue ground" and what he believed to be a diamond at Elk Creek, near Grouse. The gem was sent to an expert for examination.

Robert Fhlaback, a watchmaker, 56 years old, who is said to be a skilled workman, was admitted to the Infirmary Hospital in Toledo, O., last week, owing to his failing eyesight. He had been employed in Toledo establishments for the past six years. Fhlaback is unmarried and had no home.

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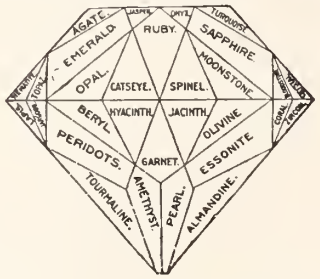
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New Stores and Enterprises.

F. C. Booth, Madrid, Ia., has just begun business.

John Veir has opened a store at Galesville, Wis.

G. H. Hoffman has engaged in business in Leigh, Nebr.

Chas. Fales is opening a store at Fort Pierre, S. Dak.

W. H. Whipple has opened a jewelry store at Hanover, Ont.

E. E. Norris will shortly open a store at Bowling Green, Ky.

E. Sprague recently started in the retail jewelry business at Lohrville, Ia.

F. M. Grow will open a store at 17 Central St., Rutland, Vt., about Nov. 1.

J. W. Puetz, about Nov. 1, will begin business at 110 W. Market St., Lima, O.

M. Farher opened a store at 1920½ Fillmore St., San Francisco, Cal., last week.

C. G. Lindholm is opening a new store at Joliet, Ill. He was formerly with C. Oesterle.

James McCabe is planning to open a retail jewelry store about Nov. 1, at Wallingford, Conn.

An attractively furnished Japanese jewelry store has been opened on Pine St., San Francisco, Cal., by Hogioku Du.

Frank Clark is a new jeweler in Peterboro, Ont., where he has opened a store at the corner of Brock and George Sts.

Oscar Pyper has started in business in Janesville, Wis. He was formerly for many years with F. C. Cook, of that place.

J. G. Bierman will, about Nov. 1, open a retail jewelry store in York, Pa. Mr. Bierman formerly resided in Waynesboro.

Nahum Rosenbaum will start in the wholesale and retail jewelry business at 19 S. 9th St., Philadelphia, Pa., Nov. 1.

The Alexander-Dibble Co. has been incorporated in Salt Lake City, Utah, with a capital stock of $6,000, to conduct an optical business.

H. M. Roberts has opened a store in Dickinson, N. Dak. Mr. Roberts was formerly manager of the jewelry department of Thomas J. Greene & Co., of the same place.

Hales & Co. were recently incorporated in the State of West Virginia to do a jewelry and optical business. The main office is in Newport News. The officers are: President, J. H. Hales; secretary and treasurer, F. B. Hobson. The incorporators were the above mentioned and H. K. Vaiden and W. B. Colonna. The concern's capital stock is $25,000, of which $5,000 has been paid in.

Altbach & Rosenson is the style of a new firm located at 170 E. Madison St., Chicago. The business, which will be wholesale jewelry and optical goods and manufacturing, will be conducted entirely by mail. Leon Altbach, of the firm, conducts a general merchandise business at 209 W. 12th St., Chicago, and J. Rosenson, the other member of the firm, was formerly with Gordon & Morrison, of the same city.

The South Jersey Glass Works, of Newark, was incorporated last week to manufacture glass ware, with a capital of $100,000. The incorporators are Michael T. Barrett, Harry Campton and Michael Sugrue.

Pittsburg.

The Butler County authorities have received no word regarding the whereabouts of Samuel Shamberger, who was convicted of arson and when called for sentence did not appear, but jumped his bail bond of $5,000.

Emanuel Lasker, the chess champion of the world, visited Pittsburg Wednesday, delivering a lecture on "Chess and Life." Jewelers were well represented in the 26 simultaneous games which followed the lecture, Mr. Lasker winning 22, drawing two, and losing two, one of the latter going to Albert H. Gerwig, wholesale jeweler, of the Empire building.

Harry G. Flinner, who was arrested last week for defacing windows by drawing a glass cutter over them, was fined $100 by Magistrate Brady. The man pleaded that he was innocent of the charges as to doing damage in the East End, where there has been much complaint. Since Flinner's arrest more windows have been scratched, and the police are keeping a close watch for the culprits.

J. Alexander Hardy last week met with a large number of Pittsburg property owners for the purpose of forming an organization to protest against the granting of franchises to proposed companies, which desire to construct elevated railroads in certain districts of the business section. Mr. Hardy, who is a member of the Hardy & Hayes Co., is largely interested in business property.

The Merchants' and Manufacturers' Association, which had intended making a tour of West Virginia, leaving Pittsburg last Monday, abandoned the trip, because of the inability of sufficient number of representatives of firms to go along. The reason assigned for the failure of the trip is unusual business activity and a shortage of help. Merchants are too busy to spare the time to make the tour, most firms having all the business now that they can properly take care of. The association gave a dinner last Wednesday night at the Hotel Schenley, Secretary of the Treasury Shaw being one of the speakers.

The Pennsylvania Retail Jewelers' Association will hold a meeting at the Hotel Duquesne, to-morrow, to consider routine business and any special matters that may be brought before that body. Papers will be read by A. Isaacs on "Credit in the Jewelry Business," and by Frank R. Coe on "Curbstone Tradesmen: Are They a Benefit to the Jewelry Business?" President A. C. Graul will preside, and it has been promised that papers will be prepared by members to be read at future meetings. Many inquiries are coming to the organization from all parts of the State, and the membership of the association is growing rapidly.

The new St. Paul's Cathedral, which cost upwards of $1,250,000, is being dedicated to-day. A feature of the dedication is the crowning of the Blessed Virgin with a golden crown. It is studded with pearls and diamond sunbursts, the rim being set with amethysts, the gem of the episcopate.

Detectives William Elmore and Oscar Seiffert last week arrested as a suspicious person John Meenan, and committed him to jail pending an investigation. Meenan's arrest was followed by a search of his apartments at 1723 Fifth Ave., where jewelry valued at $1,000 was found. It consisted of watches, scarf pins, watch chains, fobs, etc. Meenan's record is being looked up.

Among the out-of-town jewelers who visited Pittsburg last week on buying trips were: Thomas Tomlinson, Charleroi, Pa.; C. W. Schmid, New Castle, Pa.; Koessler Bros., New Kensington, Pa.; Frank Bloser, New Kensington, Pa.; R. A. Noble, Wellsville, O.; F. W. Laban, Steubenville, O.; H. T. Love, Brookville, Pa.; Wm. G. Spies, Steubenville, O.; W. F. King, Wheeling, W. Va.; John Lanzendorfer, Punxsutawney, Pa.; C. H. Bauer, Blairsville, Pa.; George Eckert, Jeannette, Pa.; O. N. Williams, Slippery Rock, Pa.

The W. J. Johnston Co. will in a few days make application to the Secretary of the Commonwealth for an increase in the capital from $250,000 to $350,000, which is made necessary on account of the concern having largely increased its business facilities. A branch house has been opened in Chicago and another is to be opened shortly at New Orleans. The company has also secured a lease on new quarters on the fifth floor of the new Union National Bank building, now being erected and will have rooms Nos. 5 to 13. The new rooms are being fitted up expressly for the company's use and there will be no finer or better equipped wholesale house in the Smoky City.

Sheriff James W. Dickson last week issued an execution against Charles Sloan & Co., doing business in the Schmidt building on Fifth Ave., and the place was closed. The execution was issued at the instigation of Leon Friedman, Sloan having given him a judgment note for $50 and defaulted in the payment. The sheriff advertised that the goods would be sold last Monday, but the sale was postponed on account of involuntary proceedings in bankruptcy being filed by several creditors, mention of which was made in the last issue of THE CIRCULAR-WEEKLY. The papers in the case show that Sloan & Co. are indebted to Jacob Ostorff, having given him a promissory note for $350, dated Feb. 29, 1906, which is long past due. Myer Rubin was also given a note for the same amount dated Aug. 31, 1906, payable in 30 days, which went to protest. Sloan & Co. are also indebted to Morris Ruben for money loaned Aug. 15. Attorney L. S. Levin, who represents the petitioners, in the absence of no judge in the United States District Court in western Pennsylvania, went Thursday before W. R. Blair, referee in bankruptcy, and asked for the appointment of a receiver, in the hope that Sloan & Co.'s affairs can be straightened out. To what extent the firm is involved could not be learned, because the place of business is closed.

The dissolution is reported of the jewelry firm of Powell & Todd, Mena, Ark.

H. C. Vanderburg, who recently purchased the business of W. S. Steinmetz, Pen Argyl, Pa., is making extensive improvements in the store and adding an up-to-date optical department.

Rochester.

The appeal of Peter Rauber, dealer in imitation diamonds, from a police court conviction of larceny was argued in the County Court last week. Rauber has been acquitted many times on similar charges.

Complaints made to the police that peddlers in Clinton Ave. N., were frightening women by their demands to purchase, caused the arrest of Joseph Evans and Michael Moran a few days ago. The men were found by an officer trying to dispose of a choice collection of glass set, brass rings. They were arrested on a charge of vagrancy.

Some one telephoned to the home of Morris Rosenbloom early one morning last week, saying that burglars had entered the store on Main St., E. Members of the family hastily dressed themselves and went to the store. Several policemen went along as assistance, but on entering the place of business were unable to find any traces of a burglar.

Bastian Bros. made application a few days ago to the Secretary of State for permission to increase the capital stock of the company from $135,000 to $500,000. A meeting of the directors was also held at which a dividend of 7 per cent. was declared on the preferred stock and 4 per cent. on the common stock. The directors are: T. E. Bastian, F. J. Bastian, John B. Hamilton, Harvey F. Remington and William F. Durnan. The officers elected are: President, T. E. Bastian; vice-president and treasurer, F. J. Bastian; secretary, William F. Durnan. Under the new plans the firm will become the Bastian Bros. Co. The increase in capital is to double the size of the Mt. Hope Ave. factory and double the working force of 350 now employed. Bastian Bros. recently secured an order for 1,500,000 Hughes buttons, 1,000,000 Hearst buttons and 1,000,000 for Stewart, Pennsylvania's Republican candidate for Governor. On account of these orders night work has become necessary. A new building will be erected on the ground adjoining the present factory.

Saturday was a bad day for two local jewelers. Early in the morning a clumsy thief slammed a brick through a window in S. D. Burritt's store on State St. A hole in the glass at least two feet square was made. The thief reached in and took a tray that held nine bracelets and a dozen grotto pins. The thief injured his hand, as blood stains appeared on the window and in the entrance to the store. An officer discovered the burglary. About 2 o'clock in the morning a man ascended the stairway leading to the jewelry store of David Present, on Main St., E., and cut out the lower half of the big pane of glass in the front door. The glass fell with a crash and aroused the janitress of the block. Peering down the stairway, she saw a man at the door of Present's place, and called to him. The burglar made his exit so fast he did not take time to answer. The janitress then notified the police. Later in the day John Clark was arrested on suspicion of being the perpetrator of both crimes. Clark's hand was bandaged, the thumb of his right hand being badly cut. Clark denies that he attempted to rob either store and says that he is from New York.

PERSIAN TURQUOISE MATRIX

WONDERFUL BLUE MATERIAL

VEINED WITH BLACKISH-BROWN MOTHER ROCK

Cut in Regular Cabochon Shapes as well as in Hearts, Drops, Etc.

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WILLIAM H. ROGERS, Cashier — EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

News Gleanings.

A graphic description, accompanied by illustrations, of the jewelry manufacturing plant of P. J. Koke, Grand Rapids, Mich., appeared in a recent issue of a local daily.

The Chambers-Inskeep Co. has completed arrangements to open an optical establishment in Cedar Rapids, Ia. The company has been organized with a capital stock of $25,000.

Robert Hendershot, aged 22 years, was recently taken into custody in Philipsburg, Pa., on a charge of robbing the store of Frank P. Blair, at Bellefonte. Hendershot was identified by means of a coat button which he dropped in the jewelry store. The accused served a year in the Bloomburg jail on a charge of larceny.

The store of Geisler Bros., Payette, Idaho, was broken into recently by thieves, who stole several watches and a large amount of jewelry. The safe had been rolled into the cellar, the outside door removed and preparations made to blow off the other door, but the intruders were evidently frightened away before accomplishing their task.

The New England Optical Co., Boston, Mass., through Treasurer Fred A. Barber, has filed with the Secretary of the Commonwealth of Massachusetts its annual corporation report. The figures show: Machinery and fixtures, $1,500; cash and debts receivable, $5,353; merchandise, $2,400; good will, $2,000; profit and loss, $3,499; accounts payable, $4,852; capital stock, $9,900.

John J. Thomson, 107 Canal St., Grand Rapids, Mich., last week asked a warrant for Chas. Clevering, who, he alleged, disposed of a diamond ring valued at $63, which Thomson claimed to have sold to Clevering on the instalment plan. Clevering, it is alleged, made only one payment and then refused to make more or return the ring.

Dr. Henry W. Etz, a well-known optician of Wheeling, W. Va., died recently at his home in Woodsdale, aged 45 years. The deceased was born in Marietta, O., and when 18 years of age went to Wheeling, where he entered the employ of John Becker. He finally went to New York, where he studied the optical business with the Spencer Optical Co. He returned to Wheeling and opened optical parlors in the National Exchange Bank building, where he continued in business until the time of his death.

Manning, Bowman & Co., Meriden, Conn., have just issued their new Fall catalogue No. 49, which illustrates their complete line and includes all of their recent productions. The illustrations are the finest examples of half-tone engraving and show a large variety of chafing dishes and accessories, meteor circulating coffee percolators, tea ware, table kettles, travelers' companions, baking dishes, waiters, hotel ware, bread trays, bathroom specialties, prize trophies, English pewter ware and other goods for which Manning, Bowman & Co. are noted. The book contains 183 pages printed on fine enameled paper, and is a volume that every jeweler should have on his desk. It will be sent to the legitimate members of the trade upon request.

St. Louis.

Mr. and Mrs. J. F. Daily returned last week from a visit to Chicago.

F. J. Bross has returned from a trip in Illinois and Missouri for the L. Bauman Jewelry Co.

J. J. Burke, president of the Brooks Jewelry & Optical Co., was in Chicago last week on a business trip.

E. A. Schoenle left Thursday for a trip through Missouri, Arkansas and Texas, for the Maschmeyer-Richards Silver Co.

O. Falk, formerly with the Henry Lowenstein Jewelry Co., is now connected with F. H. Niehaus, Sr., at 1302 Franklin Ave.

Charles E. Pfaff, 3206 Olive St., has added an optical department to his jewelry store. Otto Steinhauer, formerly with the A. S. Aloe Co., is in charge.

J. M. Cook, of the Cook Jewelry Co., was here last week, purchasing stock for his string of jewelry stores in Arkansas, Missouri and Indian Territory.

W. F. Wilmes, of the Aller-Wilmes-Newman Jewelry Co., was here last week to replenish his stock. He has returned to his territory in Kansas and Oklahoma.

E. E. Dick moved recently from Birmingham, Ala., to Peoria, Ill., where he has opened an establishment known as the Dick Jewelry Store. He was in St. Louis recently.

William Kronmeyer, Murphysboro, Ill., has returned home after a three weeks' tour with his family. They went to Chicago, the State fair at Springfield, and to other points.

Walter Lauman has returned from a visit to the Hot Springs, Ark., branch of the Mermod, Jaccard & King Jewelry Co. Extensive improvements are being made in the Hot Springs branch of this firm, at 402 Central Ave.

Charles F. Miller has made extensive improvements in his store at Cairo, Ill., having put in a new front of Tennessee marble, tile flooring and steel ceiling, making his establishment one of the handsomest in southern Illinois.

The first meeting of the Association of Jewelry Jobbers of Missouri, the organization formed by the jobbers of this city, will be held Tuesday, Oct. 30, when a permanent organization will be effected. Secretary H. S. Aller has sent notices to 22 persons to be present, and as there is much interest evinced in the association, it is expected that all will be represented. All of the temporary officers, as named in THE CIRCULAR-WEEKLY last week, probably will be selected to permanently attend to the affairs of the association.

Visiting jewelers in this city last week report that prosperous conditions prevail and that the prospects for future business are excellent. Among the retailers who called on the trade here last week were the following: T. H. Morton, Booneville, Miss.; T. H. Mims, Warrenton, Mo.; H. L. Dix, Holly Springs, Miss.; C. H. Yanson, Sikeston, Mo.; C. H. Cox, of Crawford Jewelry Co., Temple, Tex.; J. Harvell, of Harvell Jewelry Co., Litchfield, Ill.; P. Ziegel, Nashville, Ill.; A. H. Krause, Greenville, Ill.; Perry Short, Monett, Mo.; Mr. Thomas, of the Thomas Jewelry Co., Cookville, Mo.; E. K. Kane, Pinckneyville, Ill.; Charles Veal, of Lust & Veal, Charleston, Mo.; Jacob Bersche, Waterloo, Ill.

Detroit.

L. E. Palmer, Rochester, Mich., well known here, has the sympathy of his many friends in the trade, owing to the recent death of his mother at Hudson.

John K. Godfrey, who represents the Charles A. Berkey Co., in Ohio, was forced to return home last week on account of illness. He expects to be out in a few days.

Albert Hart, formerly located at Mt. Victory, O., has moved to Belle Center, O., where he has gone into business with his brother. The new firm began business by greatly enlarging and improving its store.

The trade here has been notified that W. L. Beecher, Sandusky, Mich., has been forced to retire temporarily from business on account of ill health. His wife will continue the store management during his absence on a health-seeking tour.

Among the out-of-town jewelers in this market last week were: James S. O'Rourke, Richmond, Mich.; Fred N. Pauli, Pontiac, Mich.; John Turck, Wayne, Mich.; W. F. King, Jr., Adrian, Mich.; W. W. Bridges, Marine City, Mich.; D. E. Holland, Lapeer, Mich.; Max Jennings, St. Clair, Mich.; A. Christen, Toledo, O.; D. Mueller, Cleveland, O.; Mr. Chambers, of Chambers & Stuart Co., Mt. Clemens, Mich.; John Goldsworthy, Elkhart, Ind.

The plant of the Mancha Show Case Co., here, has been sold by the Detroit Trust Co., acting as trustee, to Maurice Taussig, of Chicago. The price received is $12,250. According to an estimate made by Secretary Spicer, of the trust company, the creditors of the defunct concern will receive about 35 cents on the dollar when its affairs are wound up. The new owner will take hold at once and continue the operation of the plant on a much larger scale than before. The purchase includes the equity held by the Mancha company in the real estate and buildings.

Pacific Coast Notes.

Howard Dobrowsky, Anderson, Cal., has purchased a new automobile.

Fred Backenstein has opened a store in the Hagenaur building, Clifton, Ariz.

M. Guiot, Paris, France, who has been in Southern California for some time, has left for Europe.

Frank C. Miller, Rockford, Ill., has taken a position with Manson & Bay, San Bernardino, Cal.

W. J. Getz, Los Angeles, Cal., has moved his stock to 557 Broadway, where a larger room and better facilities are available.

Philip H. Doll, a watchmaker of Berkeley, Cal., has filed a petition in bankruptcy in the United States District Court. His liabilities are $7,185. Assets are nothing.

The Meyer & Keene Co., Los Angeles, Cal., has purchased the interest of D. H. Keene, and in future the firm will be known as S. Meyer & Co. The concern has also sold its material business to a new firm, Gilmore & Lee, and will hereafter give attention strictly to the jewelry business.

J. C. Kelley has sold his jewelry business in Evergreen, Tex., to J. A. Hoot.

New Orleans, La.

J. Julius Weinfurter has been re-elected to the Board of Directors of City Park.

Elliott Goldman, in charge of the optical department at M. Scooler's store, led one of the important divisions in the Pythian parade, Wednesday.

J. A. Trahant, watchmaker and jeweler, 914 Dublin St., Carrollton, a suburb of New Orleans, has improved his store for the opening of the Fall and Winter seasons.

A. B. Griswold & Co. furnished the beautiful diamond medals and trophies offered as prizes in the contests held between the different drill teams at the Pythian encampment. The trophies attracted much attention.

Joseph Traverse, 131 St. Charles St., was called for trial in the First City Criminal Court, several days ago to answer to the charge of having stolen property in his possession, but as his attorney had not prepared a defense the case was continued. Some time ago several young men robbed the house of a rich widow and got away with about $2,500 worth of jewelry. The thieves were arrested, and at their preliminary trial it developed that Traverse had been given $300 worth of jewelry to dispose of. Hence the charge.

William Frantz & Co., 142 Carondelet St., have entered suit in the Civil District Court against Julius S. Winehill & Co., composed of Julius Winehill and Samuel S. Rosenthal, and Jacob Fink, pawnbrokers, seeking to recover jewelry valued at nearly $2,500, which, it is alleged, was pawned to the two firms by Louis Moss. As previously published, Moss was a diamond setter and jobber, and some months ago was arrested for stealing jewelry from the Frantz firm, which had been given him to repair. Moss told a preposterous story about having been robbed by masked men, but later confessed and was sent to the parish prison for a term. The jewelry that Frantz & Co. want to get from the pawnbrokers is some of the alleged stolen property.

A. M. Hill, for years one of the leading jewelers and diamond merchants of the south, is retiring from the trade, and his large stock, consisting of watches, rings, stones of all sorts, fancy articles and rare antiques, is being sold at auction. The sale began several days ago, and will be continued until the last article is sold. The stock is valued at $300,000. Mr. Hill started in the jewelry business many years ago, and at first conducted only a small store in St. Charles St. He won success and moved into a large building in Canal St., which he has since occupied. Some months ago an auction sale was conducted at the Hill store to satisfy a claim in the divorce suit, instituted against him by his wife. The judgment satisfied, regular business was resumed, and the announcement that the establishment was to close altogether came as a surprise to the community in general.

Vivian C. Evershed was taken into custody last week and held under $1,000 bonds on a charge of grand larceny preferred against him by B. M. Wiard, Concordia, Kans., by whom he was formerly employed. Much of the property which Evershed is alleged to have stolen from the jeweler has been found in various pawnshops.

GORHAM GOLDWARE

HOLIDAY GIFTS OF SOLID GOLD

¶ The increasing demand on the part of people of taste and refinement for wares of solid gold induces the Gorham Company to direct the attention of the Jewelry Trade to the comprehensive nature of the Company's stock of such articles.

¶ It includes Loving Cups of various sizes, Toilet and Manicure Sets complete in every detail, Cologne Bottles, Pocket Knives and Scissors, Tea, Coffee and Birthday Spoons and Christening Sets, Photograph Frames, Pincushions, Puff and Bonbon Boxes, Flasks, Cigarette Cases, Match Boxes and Card Cases.

¶ Fashioned by the most expert of goldsmiths, distinguished by the individuality of its design, Gorham Goldware has attained the same high reputation which for over fifty years has characterized Gorham Silverware.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

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NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY

THE JEWELERS' CIRCULAR PUB'G CO.

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Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page.
Handsome Gold and Silver Cup of the Chicago Yacht Club. Illustrated on front cover; text on page	47
How Artificial Diamonds and Rubies are Made.	45
Reasons for the Market Quotations of the Stock in the Premier Mine	47
Shipments of Clocks, Watches, Jewelry, etc., to the American Possessions	47
Jewelry Manufacturers Swamped with Orders—Scarcity of Skilled Help Felt in All Jewelry Centers	49, 51, 53
Involuntary Bankruptcy Petition Filed Against Albro & Kettley	53
Two Young Women Suspected of Robbing Jewelry Stores Arrested at Rochester	53
Developments in the Strike of the Jewelry Workers of Chicago	53
Death of Frank Flint	53
Medals Awarded by the Carnegie Hero Fund Commission—Jeweler a Recipient	55
How Smuggling and Undervaluation Affects the Diamond Cutters and Polishers	55
Jewelry, Clocks, Watches, Silverware and Kindred Lines Exported from New York	55
Death of Capt. George W. Meyer	57
Indiana Pearl Dealer Denies Report that Imitation Pearls Have Been Sold to Clammers.	57
Foreman of a New York Jewelry Factory Charged With Larceny by His Employers.	57
The Diamond Markets	59
Creditors File Bankruptcy Petition Against C. A. Weber	59
Examination in Bankruptcy Proceedings Against Sol. Urbach	59
Death of William Grasser	59
News of the Associations	62
Importations at the Port of New York	62
Silverware Manufacturers Announce Advance in Price	71
Strike of the Workmen in New York Silver Trade Continues	75
Patent Department	91
Watch Repairing—(Continued)	97
Escapements as Constructed by Various Horologists—(Continued)	99
A Study of Convergence and Its Defects—(Continued)	111
Eye Diseases Which the Optometrist Should Recognize—(Continued)	112
Amblyopia in High Astigmia	113
Eyesight and Marksmanship	113
The Question of the Examination Fee	113
Illinois State Optical Society to Meet Oct. 29.	113
The Most Logical and Scientific Method of Marketing a New Product	114
How the Jeweler Can Meet the Competition of the Mail Order House	115
Workshop Notes	117
To Reset a Balance Staff Jewel	117
Pots and Drinking Vessels of Ancient Greece—(Concluded)	119
New Lamps for Old	121
A Professional Appreciation of J. H. Harmstone	123

OWING to the greatly increased size of THE JEWELERS' CIRCULAR-WEEKLY, it is absolutely necessary that all changes in advertisements be received one week in advance of date of publication if proof is desired. Positively no change can be made after Friday noon for the next Wednesday's issue.

Scarcity of Skilled Labor Hampers Manufacturers.

THAT the position of the manufacturer in the jewelry trade is not to be envied at the present time is evident from the reports which have been received lately from the leading firms in New York, Newark, Providence and the Attleboros. Speaking generally for the whole trade, there has never been a time when manufacturers in all lines have been as busy as at present, and there never has been a time when most of them were less able to fill all orders, or to satisfy generally the demands of their customers, than during the past few weeks. One of the great difficulties encountered in all lines of business is the scarcity of skilled labor, the number of hands not beginning to meet the demands of the trade. This does not seem to be a question of compensation, as it may safely be said that wages among the working jewelers were never higher than at present, and the manufacturers never before met the demand for increases in salaries so generally.

This condition emphasizes strongly the lack of apprentices that has been felt for some years past, and will be felt more and more as time goes on, and calls strongly to the attention of the trade the necessity of educating American young men to take the place of the foreign workmen who are fast passing away, and whose places it is harder and harder to fill as time goes on. That the present condition of business should give an impetus to the movement for the development of trade and technical schools would seem to be but natural, and it is hoped that when the present rush is over manufacturers generally will find time to give consideration to this most vital subject of technical education, which must play so important a part in the future development of the industries which enter into the jewelry trade.

The Increase in the Price of Silver.

SO steadily has the price of silver been advancing for some time past that the market condition is bound to play an important part in the determination of the prices at which art works in the beautiful white metal can be sold in the future. The price of silver as disclosed by the purchases of the Government, about a week ago, reached the highest point at which the metal has been quoted since the reappeal of the Sherman Purchasing Law in 1893. The Director of the Mint recently purchased 150,000 fine ounces at 70.13 cents per ounce, following the purchase of 600 fine ounces at a figure slightly less than the above. The Treasury records show the price of silver bullion for 10 years (on Oct. 15 of each year) to be as follows: 1896, 65.09 cents; 1897, 59.33 cents; 1898, 60.39 cents; 1899, 58.65 cents; 1900, 63.53 cents; 1901, 58.15 cents; 1902, 51.11 cents; 1903, 61.53 cents; 1904, 58.54 cents; 1905, 62.33 cents; 1906, 70.13 cents.

Among the causes of the increase of the price are said to be the entrance of the Mexican Government in the market as a heavy buyer for subsidiary coinage, and a remarkable increase in the exports of silver to India. Silver, it will be remembered, declined in price steadily from its demonetization in 1872 until 1902. Since 1903 there has been a steady upward climb. The advance can in no way be attributed to a decrease of the production, for the output in the United States was 3,382,000 ounces more in 1904 than in 1903, and 1,256,000 ounces more in 1905 than in 1904, and from present reports there appears also to have been an increase in the silver production of 1906 over last year, being due in great part to the higher price realized for the metal. According to one report the use of silver in the arts has had some effect on the price, the white metal being consumed in greater quantities during the past three years than ever before.

According to the *Wall Street Journal* the statistics for the last calendar year showing the amount of silver production in fine ounces, exports in dollars, and London prices pence are as follows:

Year.	World's product.	U. S. product.	Average London price.	U. S. net exports.
1901	173,011,283	55,214,000	27 3-16	$24,491,576
1902	162,763,483	55,500,000	24 1-16	22,870,019
1903	167,937,894	54,300,000	24 3-4	16,635,834
1904	168,390,238	57,682,000	26 13-16	24,048,203
1905	.....	58,938,900	27 27-32	21,620,906
1906*	.....	.....	31 3-4	12,153,543

*Eight months ending with August.

Wm. Wade, who robbed the retail jewelry store of Wm. T. Roach, Carthage, Mo., the latter part of last August, of about $1,500 worth of diamonds, during a circus parade in that city, has pleaded guilty to grand larceny and has been sentenced to four years and 11 months in the State penitentiary.



MEMO. PACKAGE ON REQUEST

You don't have to take our word as to the *price* of our diamonds being *low* and the *quality high.* Send for a Memo. package and judge for yourself. Anything you want—loose or mounted—sent on request.

CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

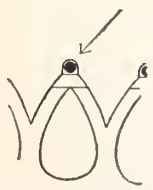
43 Rue de Meslay, Paris *Telephone 2188 Cortlandt* *17 Maiden Lane, New York*

PLATINUM TIP

ARCH CROWN MOUNTINGS IMPROVE DIAMONDS

THE WHITE TIPS BLEND WITH THE DIAMOND, ENHANCING SIZE, COLOR AND BRILLIANCY—HAVE YOU TRIED THEM? IF NOT SEND FOR SAMPLES.

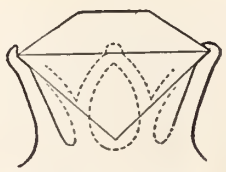
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EASY TO SET



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Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., New York.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

BALTIMORE, MD., W. W. Frederick (Stewart & Co.), 214 Church St.
J. Katz (J. Katz & Co.), Belvedere.
BINGHAMTON, N. Y., Fred P. Carter (Edmond D. Vosburg), Marlborough.
BOSTON, MASS., G. A. Reidpath (The R. H. White Co.), Imperial.
BRADDOCK, PA., Chas. A. Loughman, Herald Sq.
CADIZ, O., L. H. Scott (J. W. Scott's Sons), St. Denis.
CHICAGO, Miss N. Driscoll (Rothschild & Co.), 43 Leonard St.
J. D. French (C. A. Stevens & Bro.), Wellington.
F. Karel (Carson, Pirie & Co.), York.
N. Shure (N. Shure Co.), Herald Sq.
CLARKSBURG, W. VA., L. P. Currence, Imperial.
CORRY, PA., J. R. Graves, Victoria.
DENVER, COLO., J. C. Bloom (J. C. Bloom & Co.), Herald Sq.
DETROIT, MICH., M. Krausman (Hunter & Hunter), 55 White St.
HARRISBURG, PA., W. P. Denehey, Herald Sq.
INDIANAPOLIS, IND., E. W. Howard (H. P. Wasson & Co.), Herald Sq.
JAMESTOWN, N. Y., F. G. Nordstrom, Grand Hotel.
KANSAS CITY, MO., E. L. Cohn (G. Bernheimer Bros. & Co.), 106 Grand St.
LOUISVILLE, KY., W. P. Burke (Star Dry Goods Co.), Woodstock.
MEMPHIS, TENN., T. G. Dupree (Geo. T. Brodnax), Astor House.
NEWARK, O., H. C. Bostwick, Astor House.
NEW MILFORD, CONN., C. E. Riddeford, Albert.
OMAHA, NEBR., M. W. Rayley (M. E. Smith & Co.), Westminster.
PHILADELPHIA, PA., E. Sickles (M. Sickles & Sons), Astor House.
RICHMOND, VA., B. C. Bartel (A. H. Bartel Co.), Woodstock.
RICHMOND, VA., J. H. Gilvaly, Prince George.
TROY, N. Y., T. E. Burney (G. V. S. Quackenbush & Co.), Wolcott.
WASHINGTON, D. C., T. F. Finnan (S. Kann Sons & Co.), Prince George.
WILKES BARRE, PA., Harry G. Schupp, Earlington.
WILLIAMSPORT, PA., C. C. Mussina, Marlboro.
WORCESTER, MASS., A. J. Moir (John C. MacInnes Co.), 55 White St.

Market Price for Silver Bars.

The following are the quotations of silver bars in London and New York, as reported by Zimmerman & Forshay:

	London.	*New York.*
Oct. 15	32 1-4d.	$.69¾
" 16	32 1-4d.	.69¾
" 17	32 5-16d.	.69⅞
" 18	32 3-8d.	.70
" 19	32 3-8d.	.70
" 20	32 3-8d.	.70
" 22	32 7-16d.	.70¼

Optometrists in Michigan are making plans to have a bill regulating the practice of optometry in that State considered at the next Legislature.

New York Notes.

A. Vischer & Co. recently moved from 493 W. 4th St. to 621 Broadway.

Chas. Collett has succeeded the late Geo. Haug as engraver at 41 Maiden Lane.

Ralph Hamilton, Sr., of Hamilton & Hamilton, Jr., Providence, was in the city last week.

M. H. Shiman, of Shiman Bros. & Co., returned Monday after passing several weeks in Chicago.

J. M. Cutter, the manager of the Trenton Watch Co., Trenton, N. J., was in New York last week.

Elias Markens, formerly with Dattelbaum & Friedman, 45 John St., is no longer in the employ of that concern.

A. Gredelue recently succeeded Paul Durand as New York representative of Baccarat glass ware, with offices at 43 W. 4th St.

The store at 239 Broadway has been opened by the Yvel Co., of which Abraham E. Levy is proprietor, and not Yvel & Co., as incorrectly printed last week.

Mrs. Irene Stouvnell, widow of Frank Stouvnell, who was a prominent glass importer, died Wednesday of last week at her home, 45 W. 8th St., in her 85th year.

Fayette B. Scofield, of Scofield & De Wyngaert, has the sympathy of many friends in his bereavement caused by the death of his 12-year-old son, William Sherman Scofield.

Albert M. Waldman, with the Leon Watch Case Co., and Miss Anna Friedberg, were married Oct. 17 and started on a short southern trip, after which he will again call on his trade.

Friends of S. Schimmel, of Sussfeld, Lorsch & Co., will be pleased to hear of his engagement to Miss Claire Falkner, daughter of Morris Falkner, who was formerly of Falkner, Oppenheimer & Co.

Alfred Guggenheim, who was a dealer in jewelry and novelties at 529 Broadway, received last Friday his discharge in bankruptcy. A petition was filed against him by creditors a year ago. There were only a few debts in the jewelry trade, none exceeding $400 in amount.

Three boys recently called at Edward Carson's jewelry store, New Rochelle, N. Y., and offered for 75 cents a pin which the jeweler appraised at several hundred dollars. He notified the police, who are trying to find the owner. The boys found the pin at the railroad station.

John F. Collins, Hoboken, N. J., was arrested Saturday on complaint of R. M. Hyde, the superintendent of Tiffany & Co. Collins, who was a clerk in the store, is charged with the theft of cutlery valued at $200. He is alleged to have sent the cutlery to a pawnbroker on Park Row by a messenger boy. The pawnbroker recognized the marks on the articles, and notified the company. In the Jefferson Market Police Court, Collins was held in $1,000 bail for further examination.

That reconstructed rubies are to be imported into this country in the rough and to be cut by lapidaries of this city is a report heard in Maiden Lane in the last few days, but definite information could not be obtained. The lapidaries here can impart to the stones a finish and brilliance at least equal to what the stones now get in Europe, say people in the trade with whom the reporter talked, but the question which they suggested was whether or not the cost of labor, being higher here than in Europe, would be prohibitive.

An exhibition of selected American bronzes was opened Monday at the Gorham Co.'s building, Fifth Ave. and 35th St., and is to continue for a month or so. It is announced that works of American sculptors will after this be a distinctive feature of the bronze department. For the exhibition a complete set of the models of Paul Nocquet was obtained, and these are conveniently arranged in a small room. A number of the plaster models have been reproduced and colored to show exactly how they will appear when cast in metal, and others have already been cast. The models will be reproduced in either bronze or marble.

Testimony was taken before Vice-Chancellor Bergen in chancery chambers at Jersey City, on the last two Mondays, in the injunction proceedings brought by E. R. Thomas and others to restrain five banks from voting International Silver Co. stock held as collateral for loans. The plaintiff asks for an injunction on the ground that the banks are not the actual owners of the stock. It is said by friends of the company's officers that the motive underlying the suit is a desire on the part of Mr. Thomas to obtain control of the business. At the hearings the testimony of Samuel Dodd, president; George Curtis, treasurer, and other witnesses was taken. There will be another hearing next Monday.

Manuel Suarez, who is accused of trying to smuggle a quantity of emeralds, was indicted Monday by the Federal Grand Jury at New York. When brought before Judge Thomas, the defendant through his lawyer claimed that there was no criminal offense, since the emeralds had not been taken away from the steamship pier when he was arrested. It was also claimed that as proceedings had been begun for the forfeiture of the gems, he would be sufficiently punished in that way if it were found that he had acted contrary to law. Judge Thomas reserved decision on the question of dismissing the criminal proceeding. The forfeiture proceedings are pending before Judge Hough

A meeting of the trustees of the Jewelers' Relief Association was held in the rooms of the Maiden Lane Safe Deposit Co. Tuesday, Oct. 16. There were present A. K. Sloan, Frank E. Karelsen, Leopold Stern, John Lamont, and M. D. Rothschild. The board elected A. K. Sloan president to fill the vacancy caused by the death of Max J. Lissauer. As A. J. G. Hodenpyl had resigned as treasurer, M. D. Rothschild was elected secretary and treasurer. The treasurer reported a balance on hand, deposited in the Maiden Lane Savings Bank, of $860.34. It was voted to transfer the account to A. K. Sloan, president, and M. D. Rothschild, treasurer. On motion, John L. Shepard, August Oppenheimer and J. E. Spencer were added to the board.

Richard Scherer, 22 years old, of 1422 Third Ave., who has sold jewelry to private trade, was arrested last Saturday on the charge of grand larceny in obtaining on memorandum merchandise which he converted to his own use. There are three complainants with claims aggregating $2,200, and according to some reports Scherer obtained several thousands more than are involved in the pending cases. Abraham Berrent, 43 E. 119th St., accuses Scherer of keeping a diamond sunburst valued at $800 which the young man received on memorandum. The jeweler said that he found the jewel in a pawnshop, where it had been pledged by Scherer, April 13 last, the day after the latter received it. Cross & Beguelin have $900 charged on memorandum against Scherer. Samuel Erlanger has a memorandum charge of $400 against the young man. Scherer was employed by N. Schwarz. On being arraigned in the Tombs Police Court, Scherer was held in $2,000 bail for examination.

An answer was filed Monday in behalf of Bernard Citroen, of Paris, against whom the Government recently began an action to recover $110,335 in duties on a quantity of pearls which he imported for Wm. B. Leeds. Details of the transaction were published in the issue of Aug. 8 last. Mr. Citroen paid a 10 per cent. duty on the pearls under the clause of the Tariff Law providing for pearls in their natural state. Afterwards the Government reliquidated the entry, claiming that the pearls really constituted a necklace and were dutiable at 60 per cent. instead of 10 per cent. Suit was then begun for the additional 50 per cent. of duties. W. Wickham Smith prepared the answer for Mr. Citroen. Practically all the allegation in the complaint, except that which states that Mr. Citroen imported a necklace dutiable at 60 per cent., are admitted. Mr. Smith raises the issue clearly on this point in the allegation that the articles were simply drilled pearls dutiable as natural pearls at 10 per cent.

Silverware Manufacturers Announce Advance in Price Owing to Increased Cost of Bullion.

Advances ranging from four to six per cent. were made in new price lists sent out by several sterling silver manufacturers in the last week, the charges having been effective on Monday. Other manufacturers said that they are revising their prices and will send out new lists within a few days. The cause is the increased price of silver bullion which has gone up to 70 cents an ounce, an increase of 5 cents since the early part of the year.

Manufacturers of plated ware, who put up prices some time ago, have not made any change recently. Whether or not the present high price of the bullion will cause them to issue new lists is as yet uncertain, according to representatives of several companies whose opinions were asked.

Several manufacturers of plated ware said that although the increase in the price of silver bullion does not mean as much to them as to sterling silver manufacturers, yet the advance in this metal must be considered with the advances in the cost of other material and of labor as well.

While a large part of the holiday orders has been filled, say the manufacturers, there still is much to come.

Orders accepted before the new lists become effective are filled at the old prices.

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

OF THE CITY OF NEW YORK

195 BROADWAY

Capital
$3,000,000

Founded 1850

Surplus
$3,000,000

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MILES M. O'BRIEN, Vice-President.
WILLIAM H. TAYLOR, Vice-President.

JAMES V. LOTT, Cashier.
EMIL KLEIN, Assistant Cashier.
ALFRED W. DAY, Assistant Cashier.

STATEMENT AT CLOSE OF BUSINESS, SEPTEMBER 4th, 1906

RESOURCES		LIABILITIES	
Loans and Discounts	$18,059,467.54	Capital Stock	$3,000,000.00
U. S. Bonds	1,758,212.50	Surplus and Undiv. Profits	4,648,663.78
Bonds to Secure U. S. Deposits	310,000.00	Reserve for Taxes	46,370.19
Furniture and Fixtures	87,495.36	Bank Notes	1,542,500.00
Real Estate and Securities	2,173,398.60	Deposits	22,016,823.77
Due from Banks and Bankers	1,771,648.37	U. S. Bond Account	105,000.00
Cash	7,199,135.37		
	$31,359,357.74		$31,359,357.74

DIRECTORS

CHARLES P. ARMSTRONG
WILLIAM BALLIN
WILLIAM F. CARLTON
ROBERT C. CLOWRY
WILLIAM NELSON CROMWELL
WILLIAM J. CURTIS
FREDERICK L. ELDRIDGE
EDWIN GOULD
EDWARD T. JEFFERY
JOHN F. KEHOE
EMANUEL LEHMAN
SETH M. MILLIKEN
CHARLES W. MORSE
HARRY F. MORSE
BENJAMIN NICOLL
MILES M. O'BRIEN
AUGUSTUS G. PAINE
DICK S. RAMSAY
ADOLPH RUSCH
GEORGE H. SARGENT
WILLIAM SKINNER
ABRAHAM STERN
WILLIAM H. TAYLOR
ERNST THALMANN
EDWARD R. THOMAS
ROBERT M. THOMPSON
WARNER VAN NORDEN
ISAAC WALLACH
JOHN SKELTON WILLIAMS
RICHARD YOUNG
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Ho, for the Holidays!

STOCK GREATLY ENLARGED

MOST ATTRACTIVE DISPLAYS

ALL GOODS GUARANTEED

IT IS A POINT with us not only to meet the usual and ordinary demands of trade, but also to make *unusual* and *extraordinary* provision for *special occasions.* Such a special occasion is afforded by the "*Holiday Season.*" Every department shows that we have risen to the occasion.

Every line is unusually complete—glowing with the most attractive goods. Every line has had as close, individual attention as if it constituted the whole business. Foresight in buying enables us to quote

THE LOWEST PRICES.

DIAMONDS, WATCHES, JEWELRY, SILVERWARE, CUT GLASS, NOVELTIES, ETC.

OUR NON-RETAILING POLICY MEANS FIDELITY TO THE TRADE

D. C. PERCIVAL & CO., Inc.

Manufacturers and Jobbers. Complete Material Department

373 WASHINGTON STREET, - - - - - BOSTON, MASS.

Strike of the Workmen in the Silver Trade of New York Still Continues.

Eighty finishers who were employed in the Whiting Mfg. Co.'s factory, 4th and Lafayette Sts., New York, have been idle nearly two weeks as a result of a strike. They stopped work because the company took into its employ two men who were objectionable to the Sterling Silver Finishers, Local Union No. 282.

When the two men learned that a strike had been declared on their account they quit work and went away. It was made quite plain, however, that they did this voluntarily, as Mr. Hamilton, the president of the company, urged them to stay, and called in members of the union, so that they would understand his attitude. He said that as the men were satisfactory workmen he had nothing to do with their relations to the union.

Although the two men had gone away the finishers did not return to work. In explanation of this Andrew Hellthaler, International vice-president of the union, with which the local is identified, said that this seemed an appropriate time to settle the question as to whether or not men who declined to join the union could be employed in the shop. The union did not object to the company hiring any men it saw fit to take, he said, but the union would not tolerate the continued employment of such men after they had a reasonable time to join the organization and had failed to do so.

So far as Mr. Hamilton is aware there was no question as to hours or the rate of wages, consequently he failed to see the consistency of the attitude of the men in remaining out. The company always has and always will stand ready to adjust any differences that may arise between the workmen and the company, he says, but insists on the right to deal with the men directly.

Strikes of men employed in two of the silver plated ware factories are on a different basis. In these strikes, which were ordered by the Brotherhood of Silver Workers, the men ask for a reduction in daily hours of labor from 10 to nine at the old rate of wages. Most of the men work on salaries.

At E. G. Webster & Son's factory, 622 Atlantic Ave., Brooklyn, about 350 employes were idle for several days because of the strike, but some new men have been obtained and work is being resumed.

Bernard Rice's Sons, 542 Brodaway, say that although the old employes went on a strike an hour after making their demand, yet the firm is filling its orders and expects to continue doing so.

In some of the plated ware shops in New York the union's demand for nine hours was granted some time ago, and the plans of the organization, it is said, is to demand the change in other cities as well as New York, if it should succeed here. The sterling silver shops went on a nine-hour basis upward of two years ago.

Death of Ernest Ludeke.

Ernest Ludeke, who was for many years widely known in the jewelry and precious stone trade, and who was the founder of the business now conducted by Ludeke & Heiser, 170 Broadway, died just before THE CIRCULAR-WEEKLY went to press yesterday, at his residence in Hoboken, N. J. He had been in failing health since last Spring.

A widow and three married daughters survive. A full sketch of Mr. Ludeke's career will appear in the next issue.

Tariff Decisions by General Appraisers on Jewelry and Kindred Lines.

Decisions in cases involving duties on precious stones, imitations, jewelry and kindred lines have been announced in the last week by the Board of United States General Appraisers, New York, as follows:

FAN AND MUFF CHAINS.—Protest of John Wanamaker against the assessment of duty by the collector of customs at Philadelphia. Fan and muff chains composed of base metal and set with occasional imitation precious stones were held dutiable as manufactures of metal under Par. 193, Tariff Act of 1897.

JEWELRY.—Protest of Allen L. Mathews against the assessment of duty by the collector of customs at New York. The protest related to bracelets and brooches, which the Board held to have been properly classified as jewelry.

MILLINERY ORNAMENTS.—Protests of Kohn, Adler & Co. against the assessment of duty by the collector of customs at Philadelphia. Protests sustained on the authority of G. A. 5130 (T. D. 26653), relating to millinery ornaments.

Trans-Atlantic Voyagers.

TO EUROPE.

M. B. Rosenback, with Wm. I. Rosenfeld, New York, sailed yesterday on the *Caronia*.

FROM EUROPE.

F. A. Jeanne sailed from Paris on Saturday of last week.

Edwin S. Strauss, of Jacob Strauss & Sons, returned last Saturday on the *St. Louis*.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Oct. 22, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$515,325.57
Gold bars paid depositors	132,073.32
Total	$647,398.89

The gold bars exchanged for gold coin are reported as follows:

Oct. 15	$155,418.68
" 16	77,426.28
" 17	127,537.49
" 18	103,382.07
" 19	30,829.25
" 20	20,731.80
Total	$515,325.57

A cable dispatch from England last week said that King Edward had given sanction to the custom of men wearing wedding rings, and that the King himself now wore a plain band ring on the third finger of his left hand. According to the report a number of society women who had agitated the question of men wearing wedding rings in order to distinguish a married man from a bachelor brought the subject before the King, and he promised to consider the matter. Later it is said the King appeared wearing a wedding ring, but whether as a jest or at the request of these ladies has not fully been determined. In any case the extent of the publicity given to the incident will undoubtedly add to the number of those who follow the custom, both in England and in the United States.

Boston.

Russell Tinkham, heretofore with D. C. Percival & Co., is now in the employ of Henry Cowan.

Mr. Stevens, formerly watchmaker for Myers & Frank, has accepted a position with Wilson Bros.

Treasurer E. B. Cook, of the Woodman-Cook Co., whose plant is in Portland, Me., has been in Boston during the week at the selling office of the company.

Mackenzie & Allen, jewelers near Roxbury crossing, in the Roxbury district, have placed a handsome new sidewalk clock of the E. Howard Co.'s make in front of their establishment.

McKinney & Co., located for several months at 56 Bromfield St., have gone out of business, and W. L. Clark, who was in charge, has removed to Memphis, Tenn., to engage in the same line of trade.

The Smith-Patterson Co., whose establishment has undergone extensive alterations, announced its Fall opening in the remodeled store for Monday, and were the recipients of many congratulations from their customers and friends.

The Waltham Watch Tool Co., Springfield, Mass., through Treasurer John McFethries, last week filed with the Secretary of the Commonwealth its annual report. The figures show: Real estate, $26,296; machinery, $32,091; cash and debts receivable, $7,484; merchandise, $35,143; patent rights, $4,600; capital stock, $45,000; accounts payable, $3,082; floating debt, $31,651; funded debt, $23,496; surplus, $5,919; profit and loss, $145.

The E. Howard Clock Co. recently installed a number of tower clocks, including a four-dial illuminated clock for the high school at Fairhaven, Mass., the gift of H. H. Rogers, whose name the school building bears; a striking tower clock for the courthouse at Plaquemine, La.; a chime tower clock for the East End Baptist Church in Cleveland, O.; an exceptionally fine clock, four-dial, striking, for the First Baptist Church in Lynn, Mass., and a striking tower clock for the Swedenborgian Church at Contoocook, N. H.

Buyers in town during the week included: M. F. Charles, Reading; J. H. McGovern, Haverhill; W. F. Chisholm, Gloucester; C. S. Tyler and J. F. Wippich, Ipswich; H. A. Wippich, Provincetown; S. M. Nathan, Fitchburg; Frank Ricard, Lowell, Mass.; H. F. Burgess, Fairfield; Mrs. E. A. Wright, Hartland; O. Spencer, Caribou; Edward King, Bethel; Guy O. Vickery, Augusta; John Pierce, South Paris; H. E. Atwood, Lisbon Falls; J. W. Springall and Ralph W. Blethen, Dexter, Me.; F. G. Vancore, Colebrook; M. P. Foss, accompanied by Mrs. Foss, Pittsfield; Charles Morse, Lancaster, N. H.; J. S. Blackshaw, Burlington; Charles H. Ward, Brandon, Vt.; G. R. S. Killam, Pawtucket, R. I.

A pearl was recently found in the Wapsie River, near DeWitt, Ia., which weighed 55 grains.

John C. Ferris, president of the Elm Cut Glass Co., Elmira, N. Y., has been nominated by the members of the Independence League in the Second Ward in that city for Alderman.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

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JUERGENS & ANDERSEN CO.,
DIAMONDS.
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
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23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.

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DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

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Vol. LIII. CHICAGO, WEDNESDAY, OCTOBER 24, 1906. No. 12.

Chicago Notes.

Frank E. Wallis is on a southern trip for T. W. Adams & Co.

A. M. Keesey is making a short trip in Illinois for Graffe & Stanek.

F. D. Carr, of the Ostby & Barton Co., visited the Chicago office last week.

A. Hirsch, of A. Hirsch & Co., is at Atlantic City and eastern points taking a rest.

J. R. Payne, Chicago manager of the Meriden Cutlery Co., is making an eastern trip.

Charles J. Jacobs, representing the Knickerbocker Silver Co., is in Philadelphia this week.

Cyrus Pickering, of H. Z. & H. Oppenheimer, New York, was here a few days last week.

Albert Cohn, Chicago representative of Wm. Loeb & Co., is making a two weeks' trip through the south.

F. M. Sproehnle, Jim Donnely and C. L. Calizer, representing Sproehnle & Co., left for short trips this week.

J. M. Stanley, of the Chicago office of the Mauser Mfg. Co., has returned from New York and eastern points.

D. N. Jacoby, representing the Providence Stock Co., Providence, R. I., was in this city a few days last week.

Dr. A. P. Gilmore, president of the corporation owning the Columbus Memorial building, died here on Oct. 10.

Oscar A. Lessing, representing the S. & B. Lederer Co., has just returned from a short trip through the northwest.

E. Langdon, of the Powers Mercantile Co., Minneapolis, stopped here a few days on his return trip from New York.

F. J. Aicher and H. S. Aicher, representatives of the Alvin Mfg. Co., have just left for their respective territories west and south.

Ross Atwood, of the Gorham Mfg. Co.'s traveling force, has been on the sick list for a week or so, but is now able to be back on his territory.

J. J. Burke, president of the Brooks Jewelry & Optical Co., St. Louis, Mo., is making his usual Fall trip to this city buying goods and visiting relatives.

H. R. Cox, Johnson City, Ill., has bought a stock of goods for his new store at Madisonville, Ky., which he will open up the latter part of this month.

Theo. W. Foster, of the Theo. W. Foster & Bro. Co., Providence, R. I., and wife, have been spending some time here on a pleasure trip and visit to the Chicago office.

C. G. Lindholm was in the city recently buying his opening stock, as he is starting in business in Joliet, Ill. Mr. Lindholm has been employed by Carl Oesterle, of that place.

Sig. Stern, of Stern Bros. & Co., who has been visiting the Chicago office and trade, expects Mrs. Stern to join him this week, after which they will go to French Lick Springs for 10 days.

E. Douglas, who has been calling on the city trade for A. Hirsch & Co., has opened up business for himself in this city. A. Elsner, formerly of the Rockford Watch Co., will take the place vacated by Mr. Douglas.

The Seth Thomas Clock Co., through their expert tower man, have the contract for putting up tower clocks for the Vanderbilt University at Nashville, Tenn., and at St. John's Cantius Church, this city. Both are fine chime clocks.

Fred C. Gick, who recently came here to call on the city trade for the Mauser Mfg. Co., was formerly with the F. M. Whiting Co., and is not to represent the latter company, as was erroneously stated in these columns in a former issue.

The South Bend Watch Co., South Bend, Ind., was host to about 25 members of the American Horological Society, who went to South Bend, Wednesday, from Chicago. At noon a dinner to the visitors was given at the Oliver Hotel. In the afternoon the members of the society visited the plant of the host.

Among the buyers in Chicago during the past week were the following: Charles M. Schnell, South Bend, Ind.; John Novack, Escanaba, Mich.; J. A. Spector, of Spector & Fishman Co., La Fayette, Ind.; C. L. Gilmour, Greenville, Mich.; W. H. Davis, of Watson & Davis, Bronson, Mich.; T. Wilson, Canova, S. Dak.; Mrs. Wolff Fink, Lead, S. Dak.; C. H. Clifford, Plattville, Wis.; Mr. Sherman, of Sherman Bros., Ludington, Mich.; A. R. Dow, Geneva, Ill.; H. C. Hulett, of Henry C. Hulett & Sons, Marshall, Mich.; W. H. Reighart, Minot, N. Dak.; J. R. Mercer, Kansas City, Mo.; J. B. Hudson, of J. B. Hudson & Son, Minneapolis, Minn.; L. A. Hoard, Waupun, Wis.; D. D. Shane and wife, Grand Ledge, Mich.; E. Bengston, Freeport, Ill.; Messrs. Younglove and Singer, Peoria, Ill.; B. C. Clark, Purcell, Okla.; F. E. Carlson, Kewanee, Miss.; Chas. J. Linden, Kankakee, Ill.; C. E. Hurd, Sycamore, Ill.

Denver.

Rufus E. Hawkins has started on a trip through the northwest.

J. C. Bloom, of J. C. Bloom & Co., 736 16th St., is at present in New York replenishing stock.

M. O'Keefe & Co. have just improved their store. The new fixtures display the stock to particularly good advantage.

J. Benjamin, formerly with the Waterbury Watch Co., has come to Denver and is now with Frumess & Co., 906 16th St.

J. A. Hamilton, formerly in the jewelry business at Latrobe, Pa., has just finished his first trip through Colorado for W. W. Hamilton & Co., of this city.

Louis Bauman, St. Louis, Mo., who has been ill in this city for the past two weeks, has now recovered and will shortly return home. His wife has been much benefited by her visit to Colorado.

Sam Mayer, who recently moved into a new store at 1033 16th St., has found he needed still larger quarters, and has now rented the adjoining store. This extension gives him a large amount of floor space.

J. W. Edmonds and wife, Delta, Colo., last week, passed through this city on the way to Oberlin, Kans., to attend the wedding of Mrs. Edmonds' brother. Mr. Edmonds took an opportunity to visit the jobbers in town.

F. L. Bentz, representing W. W. Hamilton & Co., who was reported last week as convalescent, has suffered a relapse and is now in a serious condition. W. W. Hamilton has left for Spokane to see him, and will probably finish Mr. Bentz's trip for him.

Out-of-town jewelers who called on the local trade during the past week were: O. S. Evans, Farmington, N. Mex.; J. Smith Johnson, of the J. S. Johnson Jewelry Co., Greeley; W. H. Brannan, Brannan Bros., Loveland; J. F. Wilcox, Idaho Springs; H. E. Webb, Greeley; P. C. Duncan, Gillette, Wyo.

SWARTCHILD & CO.

ESTABLISHED 1870.

138 Wabash Avenue CHICAGO, ILL. **Watchmakers', Jewelers' and Engravers' Supplies.**

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FEATURES

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Each spring is wrapped separately in oiled paper, and placed in an individual envelope printed with the name and size of movement for which it is intended.

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FOR ALL AMERICAN WATCHES.

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TESTS

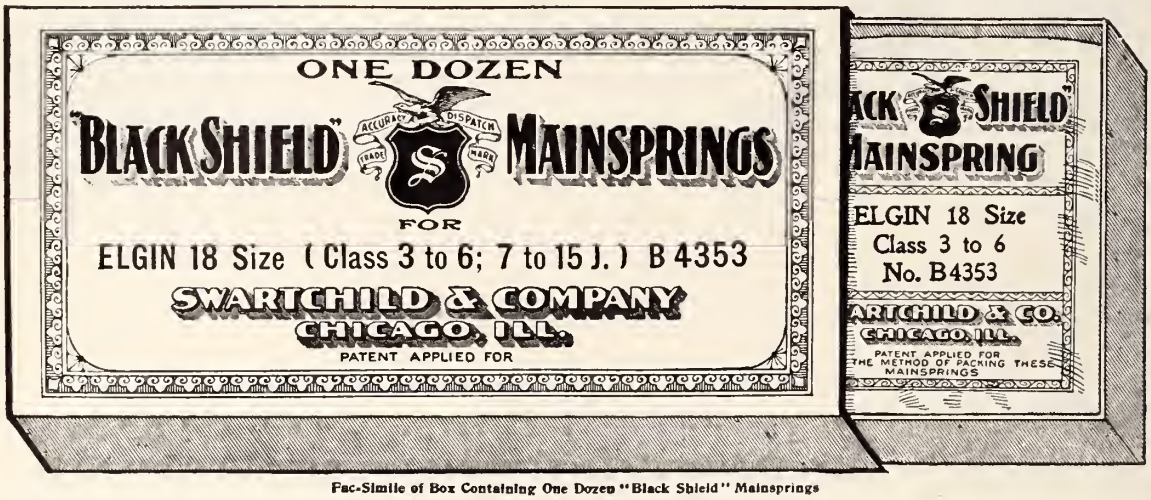
In selecting the "Black Shield" Mainsprings, we were guided not alone by our own severe tests and judgment, but we distributed samples to dozens of expert watchmakers throughout the country.

The opinion of all was that the "Black Shield" Mainsprings are the finest ever introduced in this country. That they are even, properly tempered, carefully finished, correctly gaged, and tips and length positively accurate.

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Established 1889

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All our spoons and forks have an extra heavy plate on all parts most exposed to wear, for which we make no extra charge.

We also carry a complete line of choice Hollow Ware

We call special attention to Jewelers contemplating Auction Sales

Write for prices

BE SURE AND SEND FOR OUR NEW CATALOGUE

Kansas City.

C. A. Clement, Springfield, Mo., was here last week, buying new fixtures for his store.

Sam Bloom, Jr., traveler for the Meyer Jewelry Co., left for his territory last week.

Carl Hunnius, Leavenworth, Kans., was in Kansas City last week. He has entirely remodeled his store.

Harry Paulson, a pupil of the Kansas City Polytechnic Institute, has taken a position in the store of I. Fishman, on Grand Ave.

Charles Makepeace, who has been with the Hassig & Krieke Jewelry Co., has taken a position with H. Walter Starcke, Junction City, Kans.

W. S. Evans, Hiawatha, Kans., who is making his home in this city, has the sympathy of the trade, owing to the death of Mrs. Evans.

J. L. Moore, Spickard, Mo., passed through this city last week on his way to Texas, to sell some land which he owns in that State.

Clarence Owens has finished his course in engraving in the Kansas City Polytechnic Institute, and taken a position with the Jaccard Jewelry Corporation.

E. F. Hornikle and Clyde Chapman, engravers with the Jaccard Jewelry Co., have resigned. Mr. Hornikle will take a position in New Orleans. Mr. Chapman goes to St. Louis.

Fred Gallagher, who has been with the Jaccard Jewelry Corporation, has formed a partnership with Charles Kempf, and purchased the jewelry store of Abe Blieden, on 12th St., between McGee and Grand Sts.

The Jaccard Jewelry Corporation is placing the fixtures in the new store this week, and will move in the stock next week. The old fixtures have been sold, so nothing but the stock is to be moved, and it has already been reduced as much as possible.

The plate glass show window in the store of Morris Klein, 1027 Main St., was broken last Wednesday, shortly after midnight, and robbed of its display. Morris Klein, the proprietor, stated that he could not tell the amount of his loss until he had checked up his stock.

Frank Garnier, 542 Minnesota Ave., Kansas City, Kan., seems to have more than his share of trouble with burglars, his store having been robbed last week for the sixth time this year. The glass was cut from a side door and $800 worth of rings, watches, etc., were taken from the show window.

The following out-of-town jewelers were in this city last week: Otto Burkland, Osawatomie, Kans.; J. O. Stott and wife, Paola, Kans.; P. J. Monk, Pawhuska, Okla.; W. A. Wright, Shawnee, Okla.; J. E. Gustafson, McPherson, Kans.; Mr. Buchsel, of Buchsel Bros., Sedalia, Mo.; T. S. Lidstone, Dearborn, Mo.; Geo. Hobb, Raton, N. Mex.; W. S. Noble, Drexel, Mo.; Ed. Rhodes, Neodesha, Kans.; C. W. Fuchs, Independence, Mo.; I. Eller, Richmond, Mo.; Leslie Hutton, Lebo, Kans.; Geo. W. McCoy, Okarche, Okla.; A. Rosenfield, Leavenworth, Kans.; J. H. Whiteside, Liberty, Mo.; J. H. Methe, Council Grove, Kans.; C. H. Paxton, Paola, Kans.; H. P. Hall, Carthage, Mo.

J. E. Von Wold, Baraboo, Wis., is closing out his stock at auction.

Omaha.

S. W. Lindsay has returned from a trip to Chicago.

J. L. Jacobson went to Lincoln last week for a brief stay.

C. L. Shook has gone to Norfolk, Nebr., on a short business trip.

Fred. Brodegaard has gone to St. Paul, Minn., on a watch inspection tour.

C. F. W. Marquardt, optician, Norfolk, Nebr., was a visitor here during the past week.

T. J. Turner, formerly of Kansas City, has taken a position with S. W. Lindsay, of this city.

Geo. W. Ryan, of the Mawhinney & Ryan Co., was in Fairbury, Nebr., last week, on business.

Mrs. Lindsay, wife of S. W. Lindsay, has just returned from a five weeks' visit in Chicago.

Chas. A. Leach, McCook, Nebr., is in Lincoln, at the bedside of his brother, who is seriously ill.

Fred. E. Sandwall, South Omaha, is able to be at work again after having been confined to his home by illness.

H. H. Fruer, western salesman for the A. F. Smith Co., was called home to Chicago last week to attend the funeral of his father.

Chas. Van Dyke, formerly with S. W. Lindsay, will spend the Winter in this city, where he will attend the watchmaking school.

S. T. Dodge, with the Johnston Optical Co., Detroit, was in this city for a few days last week, before leaving for the Pacific coast.

John E. Moorehouse, vice-president of the Kennedy Optical Co., Detroit, Mich., was in this city last week. He is touring Iowa and Nebraska.

Fred. Brodegaard & Co. received an order last week for a valuable watch, chain and emblem, to be given by the Danish Brotherhood to their president.

Brown & Borsheim supplied the $500 hall clock which was presented last week to Count John A. Creighton, Omaha's most prominent and charitable citizen, the occasion being the celebration of his 75th birthday. The same day Count Creighton gave to the Creighton University real estate valued at $500,000.

Out-of-town jewelers in this city last week, not elsewhere mentioned, were: Col W. H. Evans, Red Oak, Ia.; J. Eggers, Atlantic; J. C. Wood, Logan; L. S. Robinson, Glenwood; H. F. Heald, Charter Oak; S. E. James, Grafton; Mrs. Underwood, Murray; Gus Schueth, Humphrey; A. H. Lewis, Sutton, and H. C. Steiner, Neuman Grove.

The store of J. M. Duncan, in Mill Creek, Ind. T., was recently damaged by fire.

H. A. Hamilton, who for some time past has conducted a retail jewelry store in Benton Harbor, Mich., will leave for Colorado Springs in about six months, where he will manage the newly organized business of Ashby & Co., one of the largest jewelry establishments in that territory. While in Colorado City Mr. Hamilton's business in Benton Harbor will be carried on by his brother, Walter A. Hamilton, of Grand Rapids.

Minneapolis and St. Paul.

Johantgen & Kohl, Minneapolis, have engaged Eli Montgomery to take charge of their polishing room. He was formerly with Rentz Bros.

M. E. Crocket, Bird Island; W. S. Blake, Duluth; I. M. Radabaugh, Hastings; Oscar Holmes, Cambridge, were among the out-of-town jewelers in the Twin Cities last week.

The company which is exploiting the so-called diamond fields at Plum City, Wis., has begun advertising its stock for sale to the public through the medium of the daily papers. Shares are advertised at $1 par value.

Leopold Metzger, with S. Jacobs & Co., Minneapolis, has secured the lease of the store at 524 Nicollet Ave., adjoining the building at 526-28 Nicollet Ave., which the firm also leases, thus giving it control of three store fronts.

It is reported that a six-story building will be erected at 808 Nicollet Ave., Minneapolis, next season, in which a jewelry firm will be located. The name of the firm has not been divulged. The location seems to be well up the avenue, being a full block beyond the present retail business section.

Pacific Northwest.

Palmer Bros., Baker City, Ore., have completed the fitting up of their new store at that place and are now ready for business.

Burglars last week broke into the store of F. X. Neuberger, 831 Main Ave., Spokane, Wash., and stole a number of small articles.

Herman Siegrist, formerly of La Grande, Ore., has secured a lease of the Fix building, at Lewiston, Idaho, and is preparing to open a jewelry store there. Besides the usual lines he will carry cut glass and painted goods.

The Commercial and Civic Clubs of Port Townsend, Wash., have adopted an emblematic lapel button to be worn by all members of those clubs and by other enthusiastic boomers of the town. The button will be of composition silver, and an order for 500 is to be placed with a Seattle jeweler.

William Weiand, Ritzville, Wash., has disposed of his business property on Main St., together with his jewelry stock, to Clarence W. Meyers, Chicago, who for several years past has been a traveling representative for Benjamin Allen & Co. The consideration was $4,000 and invoice, which will total about $7,000. Mr. Weiand will retire from the jewelry trade and devote himself to his mining interests. He will move to Spokane, Wash.

Burglars recently broke into the retail jewelry store of Mrs. H. W. Ellis, 202 E. Main St., Muncie, Ind., and escaped with miscellaneous jewelry valued at $400. The loot included several gold rings, watch charms, fobs and bracelets. In order to secure entrance the thieves broke open a rear door, and then found it necessary to bore holes through another that they might unbolt it from the inside.



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Ladies' and Gentlemen's Flat and Ultra Flat Watches in Plain and Decorated Styles.

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50c. 50c.



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In lots of 50, each.....**49½c**

Freedom Oxidized—Same as above in black gun metal case, each.....**55c**
In lots of 50, each.....**54c**

Freedom Gilt—Same as above in 14k gold-plated case, each.....**55c**
In lots of 50, each.....**54c**

55c. 55c.



H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...**55c**
In lots of 50, each.....**54½c**

Nubian Oxidized—Same as above in black gun metal case, each **60c**
In lots of 50, each **59c**

H. & A. Special Gilt—Same as above in 14k gold plated case, each **60c**
In lots of 50, each **59c**

Rockford Watches Speak for Themselves.

San Francisco.

William Glindemann has put in an additional watchmaker's bench.

K. C. Levy has just installed a $750 safe in his "Little Diamond Palace," on Fillmore St.

Rudy Schwartzkopf, manufacturers' representative of this city, is now at Los Angeles, Cal.

W. Doane, of the Doane & Rosenthal Co., Nevada, visited his old friends in this city last week.

The United Jewelry & Optical Co. has added new fixtures, including a new watchmaker's bench.

The Burr W. Freer Co., after many delays, will soon be re-established in its old quarters in the Kamm building, at 717 Market St.

The W. K. Vanderslice Co. now employs 15 men in its retail departments, and reports fully 50 per cent. more business than a year ago.

A. Hirschman opened his new store, Oct. 15. The new establishment has 75 feet of show cases, besides a large amount of space devoted to wall cases.

Herb. Van Ness, with Radke & Co., has left for a two weeks' duck shoot at Alvarado. Mr. Van Ness is a member of the Chiqueta Gun Club, of this city.

A. I. Hall & Son, wholesalers in the Kamm building, have been obliged to take an additional room. This week the force began working nights in order to get out orders promptly.

The California Jewelry Co. has bought of Silberberg Bros., El Paso, Tex., the famous Craig diamond brooch for $12,000. This is a part of the Craig set, valued at $30,000, which was smuggled into the country and pawned for $5,000.

Hammersmith & Field, 801 Van Ness Ave., are making some extensive improvements in the way of illumination. They are also making preparations to go extensively into the handling of art jewelry for the Christmas trade.

Shreve & Co. have increased their working force at their newly furnished store on Van Ness Ave. to 250 men, of whom 100 are either salesmen or workers in the retail departments and 150 are employed in the manufacturing departments.

Kallman & Sons have just completed the erection of a new front to their store at 1903 Fillmore St., which greatly improves the exterior appearance of the establishment. J. Benben, after having been out of the trade for four years, has decided to enter it once more, and has returned to his old place with this firm.

The big 300 light electric sign of Mr. Sorensen at his Mission St. store "burned over" for the first time Oct. 12. It has attracted so much attention that the proprietor has decided to install at once a similar sign at his Market St. store. During the past week Mr. Sorensen has added an extra watchmaker and an optician at his Mission St. establishment.

Eighteen diamonds, valued at $900, and other jewelry, valued at $300, were recently stolen from Albert Waugh, a jeweler of this city, as he was coming downtown to business on a Kentucky St. car. He placed the satchel beside him, and for a moment forgot it. When he recalled it, it was gone. The car was not crowded at the time, and he does not remember any special incident on the trip which might have afforded an opportunity for the thief to get away with the satchel unobserved.

On Oct. 15 there was begun a sale of all the costly relics taken from the ashes of Shreve & Co.'s art rooms at the big store on the corner of Grant Ave. and Post St., after the fire of April 18. Over 15,000 relics were taken from the ashes and all have been donated by Shreve & Co. to be sold for the benefit of charity. These relics include some of the finest china, cut glass, bronze, pottery, brass, etc., ever brought to the coast. Among the lot were several dinner sets valued at $300 per dozen before the fire. During the first day of the sale $1,350 was realized, and the sale will continue daily until all the relics are disposed of.

Cincinnati.

Julius Jacobs, of D. Jacobs & Co., is calling on the western trade.

Sig. Strauss, of Lindenberg, Strauss & Co., left this week on a western trip.

The Miller Jewelry Co. has increased both the office and factory forces of the concern.

William Owen has returned from the south, where he combined business and pleasure.

J. F. Carr, manager of the Ostby & Barton Co., paid the trade here a call one day last week.

Milton Goldberg, who was with A. & J. Plaut for about 25 years, is no longer connected with this house.

George Simper, Vine St., has completed his new brick flat building at Clifton and Ludlow Aves., in Clifton.

E. E. Norris, Bowling Green, Ky., was here last week buying goods for his new retail jewelry store in that place.

The Clemens Oskamp Co. is completely remodeling the entire front of its store, making it one of the finest in that section of the city.

The Frank Herschede Co. furnished the 27 solid silver loving cups presented to the directors of the Cincinnati Gas Co. at a banquet given at the St. Nicholas Hotel, Oct. 13.

The front window in Albert's pawnshop, 87 Vine St., was smashed a few nights ago and considerable jewelry was stolen. No clew to the thieves has been obtained by the police.

Frank Smith, Parkersburg, W. Va., stopped here last week, en route from a meeting at Portsmouth, O., of the Ohio Valley Improvement Committee, of which he is a member.

The marriage of D. Gutmann, of L. Gutmann & Sons, and Miss Edna Mosler, daughter of the president of the German National Bank, was solemnized at the Phoenix Club yesterday.

Joseph Noterman & Co., who have had trouble with their help, held a conference last week and compromised with their factory force by allowing the men the nine-hour workday with the same pay as heretofore.

Edward Mittendorf, for 17 years with E. & J. Swigart, has severed his connection with that firm and has purchased a half interest in E. F. Randolph's retail jewelry business at Williamson, W. Va. He leaves this week for his new location.

Wednesday night last two men attempted to break a window on the Fifth St. side of the Oskamp Jewelry Co.'s store. One of the men threw himself against the glass, but the noise attracted the attention of the night watchman inside the store, and the lights were immediately turned on. At the appearance of the watchman the would-be robbers fled and escaped.

The Loring Andrews Co. has not yet completed the estimate of its loss in the DeCamp storage house fire, though it is thought that $5,000 would cover the damage. During Mr. Andrews' Summer trip abroad he had collected many rare pieces of furniture from all over the world, and had them shipped to DeCamp's establishment to be unpacked. Owing to their age and rarity, the exact loss of the furniture is hard to determine.

The marriage of Miss Therese Holland, daughter of John Holland, of the John Holland Gold Pen Co., and Archer Dean, of Cincinnati, was celebrated Wednesday at the bride's home on Madison road. It was one of the most elaborate weddings in the social history of Cincinnati. The guests numbered several hundred, and included many prominent people from other cities. The gifts to the bride consisted mostly of cut glass and silver.

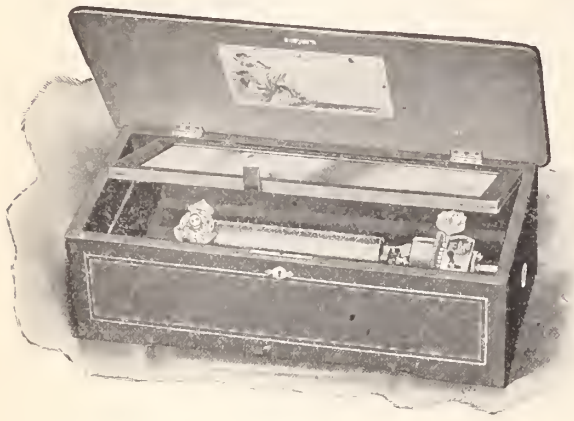
As a street car was passing Edward Raisbeck's pawnshop, 618 Vine St., at an early hour last Friday morning, a bold thief smashed the large front window of the store with a brick and stole 10 watches and five revolvers. The window smasher had an accomplice who stood in front and watched for the police. Both men made their escape, though passengers, having seen the robbery, jumped from the car and pursued them.

Out-of-town jewelers here the past week buying goods included: E. Bengston, Freeport, Ill.; H. Hartman, Wapakoneta, O.; V. Bogaert, Lexington, Ky.; Mr. Hardy, Shelburn, Ind.; J. Hawe and J. Baker, Harriman, Tenn.; Mrs. R. Kupferschmidt, Lawreneeburg, Ind.; J. Derring, Stewardson, Ill.; W. J. Hinds, Rockwood, Tenn.; A. Christen, Toledo, O.; P. Moyer, Detroit, Mich.; Mr. Flax, of Oppenheimer & Flax, Pointsville, Ky.; Mr. Adams, of Adams Bros., Middletown, O.; W. C. Carroll, Lebanon, Ky.; F. W. Birehard, Tiffin, O.; F. A. Schweeting, Oxford, O.; Charles Richardson, Jackson, Miss.; John B. Hesselbrock, Liberty, Ind.

A jewelry store in Peru, Nebr., was included among other stores which were recently destroyed by a fire at that place. The aggregate loss to the business district as given by a dispatch is $6,000, part of which is covered by insurance.

The wife of Jesse Converse, Larimie, Wyo., visited Denver last week, and reports that Mr. Converse is in danger of losing the sight of one of his eyes. On that account he is planning to retire from business. He has been in the jewelry business in Larimie, Wyo., for many years, and has built up a successful business. He will probably close out his stock at auction, beginning about Dec. 15.

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FOR MANUFACTURERS, JOBBERS AND RETAILERS ALIKE IS
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OF THE
JEWELRY and KINDRED TRADES,

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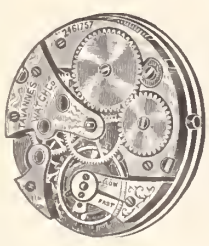
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11 John St., Cor. Broadway, New York.

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INDEX TO ADVERTISEMENTS.

Aikin-Lambert Co. 132
Allsopp & Allsopp 34
Alvin Mfg. Co. .....Inside front cover
American Cuckoo Clock Co. 109
American Gem & Pearl Co. 66
American Platinum Works 129
American Ring Co. 40
American Silver Co. 19
Arch Crown Mfg. Co. 70
Arnstein Bros. & Co. .....Outside back cover
Austin, John, & Son. .....Outside back cover
Bagg, Perine & Co. 62
Ball, Webb C., Watch Co. 76
Baschkopf, Jacob 94
Bassett Jewelry Co. 126
Bastian Bros. 26
Bates & Bacon 29
Berge, J. & H. 116
Bigalke & Eckert Co. 84
Bigney, S. O., & Co. 4
Billings, Chester, & Son 56
Bing, Ferdinand, & Co.'s Successors. 118
Bishop, R. W. 132
Blackinton, R., & Co. 39
Blackinton, W. & S., Co. 20
Blancard & Co. 127
Bloom, I. 94
Boote, Edward 122
Borrelli & Vitelli 25
Bowden, J. B., & Co. 31
Bradley Polytechnic Institute 107
Breitenbach, C. G., & Co. 82
Briggs & Dodd 92
Brower, Maurice 58
Bruhl Bros. & Henius Co. ..Outside back cover
Bryant, M. B., & Co. 31
Buckley, Samuel, & Co. 38
Byron, Chas. B. 39
Cahoone, Geo. H., Co. 41
California Jewelry Co. 52
Carrington & Co. 32
Carter, Howe & Co. 33
Chatham National Bank 72
Chopard Frères 60
Cohen, Jules E. 64
Columbian Jewelry Supply Co. 129
Conley & Straight 36
Cooper Diamond Co. 56
Cooper & Forman. 35
Cottle, S., Co. 34
Crohn, M. 122
Cross & Beguelin 43, 70
Crouch & Fitzgerald 124
Day, Clark & Co. 35
Deacon, Louis J. 94
Depasse Mfg. Co. 38
De Selms Watch School 109
Diamond Point Pen Co. 132
Didisheim, Hipp., & Bro. 107
Donnelly, J. J. 116
Doran, Bagnall & Co. 129
Dorflinger, C., & Sons 120
Dubois Watch Case Co. 107
Duffner & Kimberly Co. 125
Dulk, Robert 38
Durand & Co. 32
Durgin, Wm. B., Co. 39
Eden, C. H., Co. 28
Eichberg & Co. 64
Eisenmann Bros. 56
Elgin National Watch Co. 98
Elassof Bros. & Co. 122
E. P. H. Chain Catch 35
Eppenstein, L. A., & Co. 110
Fahys, Joseph, & Co. 1
Fairchild & Co. 132
Feeley, W. J., Co. 40
Finberg Mfg. Co. 36
Forman Co. 131
Forsinger, J. W. 105
Foster, Theodore W., & Bro. Co. 44
Freund, Henry, & Bro. 34
Friedlander, R., L. & M. ..Outside back cover
Garreaud & Griser 94
Gesswein, F. W., Co. 116
Goldsmith, C. P., & Co. 25
Goodfriend Bros. 64
Gorham Co. 68
Greene, Wm. C., Co. 40
Griffoul, August 132
Guardian Trust Co. 72
Guerin, Wm., & Co. 125
Hagstoz, T. B., Ltd. 132
Hamilton & Hamilton, Jr. 9
Hammel, Riglander & Co. 128
Hand, J. L. 108
Hanson & Van Winkle Co. 130
Harris & Harrington. .....Outside back cover
Haskell, Henry C. 86
Hasselbring, John 35
Hedges, A. J., & Co. 32
Hedges, Wm. S., & Co. 58
Heintz Bros. 37
Heller, L., & Son 54
Herpers Bros. 116
Hirsh & Hyman. .....Outside back cover
Hodenpyl & Walker 54
Hoe's, James C., Sons 126
Holsman & Alter 84
Holtzer-Cabot Electric Co. 131
Honesdale Decorating Co. 120
Hotel St. James 131
Howard, E., Watch Co. 100
Howard's, S. E., Son & Co. 21
Hraba, Louis W. 35
Humphrey, John B., Co. 56
Hutchison & Huestis 40
Illinois Watch Co. 8
International Gem Co. 94
International Silver Co. 16
Jacot Music Box Co. 86
Jeandheur, F., Jr. 132
Jeanne, Frederick A. 64
Jewelers' League 128
Johnston, W. J., Co. 10, 11
Juergens & Andersen Co. 76
Juergensen, Jules 86
Kahn, L. & M., & Co. .....Outside back cover
Kassel, Abe 129
Keck, Herman, Mfg. Co. 76
Keller Jewelry Mfg. Co. 12
Kent & Woodland 27
Keppler, George 116
Ketcham & McDougall 127
Klipper Bros. 104
Kohlbusch, Herman, Sr. 124
Kohn, Alois, & Co. 30
Kohn & Co. 37
Koshland & Italie Co. 30
Lackner & Ohl 38
Langendorf Watch Co. 104
Larter & Sons 46
Lederer, S. & B., Co. 40, 42
Lees & Sanders. 132
Lelong, L., & Bro. .....Outside back cover
Leon Watch Case Co. 106
Levy, L. W., & Co. 124
Lewy & Cohen 129
Libbey Glass Co. 120
Lieberman, M. 107
Lisner, D., & Co. 27
Lissauer & Co. 58
Loeb, Wm., & Co. 40
Lorsch, Albert, & Co. .....Outside back cover
Lowe, Edwin, & Co., Inc. 43
Luthy & Hine 33
Lyons Gem Co. 54
Maebert & Reiss 107
Manning, Bowman & Co. 18
Maple City Glass Co. 120
Market & Fulton National Bank. 72
Martin, S. 116
Mathey Bros., Mathez & Co. 109
Mercantile National Bank 73
Meyerowitz Bros. 60
Miller, Fuller & Whiting 43
Moe, Charles 127
Monroe, R. G., & Co. 58
Moore & Sons 30
Morgan, John, Sons 124
Mount & Woodbull 62
Murray, Dan I. 94
Myers, S. F., Co. 124
Nassau Bank 66
Nebeling, Edmund R. 120
New England Watch Co. 102, 103
Nissen, Ludwig, & Co. 62
Noel, Rudolph, & Co. 76
Noterman, Jos., & Co. 52
Ohan, G. 109
Ohio Cut Glass Co. 127
Oliver Typewriter Co. 122
Omega Watches 105
Oneida Community, Ltd. 17
Oppenheimer Bros. & Veith. 52
Oppenheimer, H. E., & Co. 52
Oriental Bank 72
Orkin Bros. 40
Oskamp-Nolting & Co. 124
Osmun-Parker Mfg. Co. 32
Ostby & Barton Co. 31
Page-Davis Co. 131
Pairpoint Corporation 122
Parks Bros. & Rogers. 24
Passmore Gem Co. 60
Patek, Philippe & Co. 104
Penfold, Wm. C., Co. 106
Percival, D. C., & Co. 74
Pitcairn, W. S. 122
Potter & Buffinton Co. 42
Power, Chas. L., & Co. 58
Price, Cyrus, & Co. 54
Prior, Charles M. 35
Pryibil, P. 131
Pryor Novelty Co. 39
Racine, Jules 108
Reichhelm, E. P., & Co. 116
Renziehausen, W. F., Co. 132
Revell, A. H., & Co. .....Outside back cover
Richardson, Enos, & Co. 33
Ries & Armstrong. 107
Riviere Brass & Bronze Works. 124
Robert, Edmund E. 104
Rockford Silver Plate Co. 28
Rockford Watch Co. 84
Roger Williams Silver Co. 38
Rohrbeck, John E. 36
Roseman, A. 54
Ross, Saltman & Anderson. 32
Rothschild Bros. & Co. 36
Roy Watch Case Co. 107
Rudolph & Snedeker 86
Rumpp, C. F., & Sons. 126
Sadler, F. H., Co. 41
Saunders, Meurer & Co. 58
Scharling & Co. 38
Schiff, M. 30
Schultz, Leiss & Co. 26
Scofield & De Wyngaert. 36
Sessions Clock Co. 108
Seymour, Cassius W. 37
Simmons, R. F., Co. 23
Smith, Alfred H., & Co. 48
Smith, Frank W., Co. 15
Snow & Westcott. 33
Sohn & Hyman. 90
Solidarity Watch Case Co. 43
Spencer, E. L., Co. 42
Staninger, E. E. 37
Star Watch Case Co. 22
State Bank 72
Steiner, Louis 125
Stern Bros. & Co. .....64, Inside back cover
Sternau, S., & Co. 24
St. Louis Watchmaking School. 109
Strauss, Ignaz, & Co. ...126, Outside back cover
Street, Geo. O., & Sons. 34
Sussfeld, Lorsch & Co. 109
Swartchild & Co. 82
Tavannes Watch Co. 86
Thomas, Seth, Clock Co. 108
Trenton Watch Co. 106
Trout, Chas. L., & Co. 32
Tuska, A. L. 126
Van Dam, Eduard. 50
Van Pelt, T. B. 125
Wadsworth Watch Case Co. 6, 7
Wagner Mfg. Co. 36
Waite-Thresher Co. 94
Waltham Watch Co. 96
Washburn, C. Irving. 37
Weizenegger Bros. 38
Wells, Chester H. 124
Wendell & Co. 5
Western Clock Mfg. Co. 106
Wheeler, Hayden W., & Co. 52
Whiting & Davis. 29
Whiting Mfg. Co. 13
Wodiska, Julius 56
Wolfsheim & Sachs. 130
Wood, C. F., & Co. .....Outside back cover
Wood, J. R., & Sons. 2, 3
Woodside Sterling Co. 14

Special Notices.

Payable invariably in advance.

Rates 75c. per insertion for notices not exceeding 25 words; additional words, 2c. each.

SITUATIONS WANTED, 1c. a word each insertion; minimum charge, 25c.

Heavy type, 5c. a word; minimum charge, $1.25.

Display cards, $2.00 per inch.

In all cases, if answers are to be forwarded, 10c. extra to cover postage must be enclosed.

All answers to advertisements addressed care The Jewelers' Circular-Weekly, should be sent to the New York Office, unless the Chicago Office is specifically mentioned.

Situations Wanted.

I DESIRE a steady position as a second watchmaker and engraver, in or near Ohio. Address A. L. Orme, Liberty Center, O.

YOUNG MAN, six years with manufacturing jeweler, desires to make a change. Address "Box 8085," care Jewelers' Circular-Weekly.

YOUNG LADY, desires position with jewelry or stone house; good knowledge of bookkeeping. Address "D. M., 8084," care Jewelers' Circular-Weekly.

YOUNG LADY, wishes a position with manufacturing concern; experienced; at present employed. "F., 8087," care Jewelers' Circular-Weekly.

YOUNG MAN, 22 years of age, with knowledge of bookkeeping and jewelry, wishes position. Address "X., 8014," care Jewelers' Circular-Weekly.

YOUNG MAN, desires position with wholesale jewelry or diamond house; excellent reference. Address "C. G., 8100," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN with highest references, is open for position; 20 years' experience in south and far west. "H. S.," 98 Columbus Ave., New York.

YOUNG MAN, married, wishes position with reliable firm, as engraver and jeweler; good workman; samples on application. "C. E., 8043," care Jewelers' Circular-Weekly.

WANTED, a position by A1 watchmaker and adjuster; young man, 23 years old, with good reference from last employer. Address "H. L.," Lock Box 397, Lancaster, Pa.

WANTED, by a young man, engraver's position, in Virginia; can do jewelry repairing; long experience; samples and references. E. G. Latham, 20 Stockton St., Manchester, Va.

FIRST CLASS watchmaker, desires position at once, with tools; middle age man; competent to handle railroad work. Address "E. H. B.," 45 Charles St., Springfield, Mass.

YOUNG LADY wishes position as office assistant, with a jewelry concern; has two years' experience and a knowledge of bookkeeping. "Y., 8016," care Jewelers' Circular-Weekly.

YOUNG MAN, who has been in large manufacturing jeweler's office for some time, desires to make change; best reference. "Diamond Jewelry, 8088," care Jewelers' Circular-Weekly.

YOUNG MAN, thoroughly acquainted with jobbing jewelry trade in New York City and vicinity, wishes to represent manufacturing house. "R., 8065," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing jeweler, of business ability, wishes position as foreman or assistant foreman of factory; references. Address "Ability, 7840," care Jewelers' Circular-Weekly.

YOUNG MAN, age 24, who wants to learn the jewelry business, desires position with good firm; can furnish A1 references; has some experience. E. T. Dunklee, 104 Essex St., Hackensack, N. J.

TRAVELING MAN with established trade in the jewelry line throughout the south and Pacific coast, contemplates a change for Jan. 1. Address "H. S.," 305 Ocean Parkway, Brooklyn, N. Y.

YOUNG MAN, having had two years' experience in the jewelry business, would like a position with some jobbing house where he could advance himself. "F., 8083," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

YOUNG MAN, 18 years of age, two years' experience in jewelry and diamond trade, would like position in office or act as salesman; A1 reference. Address "G., 8109," care Jewelers' Circular-Weekly.

EXPERIENCED salesman desires to connect with first class house, for New York, Boston, Philadelphia, Washington and Baltimore; sterling silver line preferred. Address "A., 7995," care Jewelers' Circular-Weekly.

WANTED, position as salesman, by thoroughly qualified and reliable man, of long experience in the watch, jewelry, material and kindred lines, in wholesale or retail house; knowledge of bookkeeping and best references. "B., 8095," care Jewelers' Circular-Weekly.

SALESMAN of experience, well acquainted with jobbing trade, also department stores in Chicago and the west, wishes to communicate with a manufacturer desiring to place line on commission; A1 references. Address "Box, 8090," care Jewelers' Circular-Weekly.

ASSISTANT salesman, young man, 21, wishes position as assistant traveling salesman, or would like position with firm where he can work himself up to traveling salesman; has seven years' experience in the wholesale jewelry business. "Y., 8066," care Jewelers' Circular-Weekly.

OPTICIAN, salesman, good jeweler and stone setter, all around man, except watchmaker, desires to make change; age 30; married; 14 years' experience; good address; sober and industrious; best of reference; salary, $25. Address "Hustler, 8106," care Jewelers' Circular-Weekly.

FIRST CLASS saleslady, employed for past five years in retail jewelry line, desires position with wholesale house; understands business thoroughly; also knowledge of bookkeeping; first class reference. Address "K., 7936," care Jewelers' Circular-Weekly.

WATCHMAKER and optician, age 40, with strictly first class ability, will locate in west; Utah, New Mexico or Nevada preferred; $30 to $35 per week; wire answer; will write full particulars; start early in November. Address "Competent, 8072," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN with established trade; 15 years' experience in northwest and Pacific coast; wishes to make change Jan. 1st. Address, "A. B. C., 8054," care Jewelers' Circular-Weekly.

A TEXAS traveler, well known to that trade and of finest reputation, is open for a change, Jan. 1st; none but strictly first class, well paying line considered. Address, "P., 8042," care Jewelers' Circular-Weekly.

A THOROUGHLY practical and competent watchmaker, of 24 years' experience, desires to change position, near New York State, with a first class retail firm; good light; competent to take full charge of repair department; expert in watch repairs; experienced on railroad and complicated work; graduate and practical optician for nine years; good jeweler and engraver; salary, $25 to $30; best references. "J., 7932," care Jewelers' Circular-Weekly.

Miscellaneous.

JEWELRY NOVELTIES WANTED; we want reliable novelties for premiums which we give to dealers (not consumers), who buy from us; articles that sell from $2 to $10 preferable; we use large quantities during the year; call or write; ask for Ballou. Ballou-Dickson Co., Wall Paper Dealers, 18-20-22 West 18th St., New York.

Help Wanted.

WATCHMAKER wanted. Apply F. V. Lindon, 62 Bond St., Brooklyn, N. Y.

WANTED, watchmaker who is a good engraver; salary, $18. Harry Engle, Trenton, Mo.

WANTED, at once, a good man for clock work and engraving. Hibbard Jewelry Co., Akron, O.

ENGRAVER and optician, must be good. Walter H. Mellor, 423 Franklin St., Michigan City, Ind.

WATCH, clock and jewelry repairer; state age, reference, salary, etc. M. A. Selbert, Frankfort, Ky.

ENGRAVER wanted; permanent position for a first class man. Jaccard Jewelry Co., Kansas City, Mo.

WANTED, at once, a good clock repairer. Address Daniel Pratt's Son, 53 Franklin St., Boston, Mass.

WATCHMAKER wanted; one who can do first class work. Christl Bros., 178 Market St., Newark, N. J.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

WATCHMAKER wanted; steady position with old established firm for a good reliable man. H. Best & Son, Dayton, O.

A YOUNG MAN wanted to do jewelry repairing; one who has some experience. Write Quintard Bros., Poughkeepsie, N. Y.

WATCHMAKER, jeweler and plain engraver; permanent position; good salary. C. E. Robertson, Northport, New York.

SALESMAN WANTED, with good reference and experience; address stating salary. "A. T., 8104," care Jewelers' Circular-Weekly.

EXPERIENCED salesman wanted for retail jewelry store; permanent position; good references. I. Wolf, 118 Bowery, New York.

WANTED, at once, first class watchmaker; permanent position for right man; good salary. Address Carl Oesterle, Joliet, Ill.

WANTED, at once, a first class jeweler and engraver; permanent position; state salary wanted. Apply A. J. Renkl, Augusta, Ga.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, first class watchmaker, at once; good pay; short hours; pleasant surroundings. Address G. W. Cameron, Poplar Bluff, Mo.

WANTED, assistant watchmaker; any nationality will do, if he can do good work; nine hours; steady place. E. E. Esterly, Duluth, Minn.

WANTED, first class watchmaker, to do nothing but watchwork; salary $30 per week. Address "C., 8015," care Jewelers' Circular-Weekly.

WANTED, experienced jewelry and silverware salesman; state salary and experience. Address "D., 8038," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

A GOOD engraver; steady position to the right man; give particulars in first letter. Address E. Abrecht, Engraver, 143 Euclid Ave., Cleveland, Ohio.

WANTED, first class stone setter; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, first class optician, at once; have dark room and optical instruments; salary, $40 per week; reference. Geo. F. Blakeslee, Tonopah, Nev.

WANTED, a young man, experienced in the wholesale jewelry line; good salary to right party. Fred Kaufman, 565 Broadway, New York.

FIRST CLASS designer of metal church goods wanted; address stating age and experience. Benziger Bros., 100 DeKalb Ave., Brooklyn, N. Y.

WANTED, a man with some capital, acquainted with the trade that uses fine mountings. Address "Moderate, 7785," care Jewelers' Circular-Weekly.

HELP WANTED.—Continued.

WANTED, at once, good watchmaker and engraver; give references, sample engraving and ability in first letter. Philleo & Nutting, Oelwein, Ia.

WANTED, fine watchmaker and first class engraver; permanent position; state salary and references in first letter. L. Eaves, Santa Barbara, Cal.

WANTED, an experienced young lady in the wholesale jewelry line; good salary to right party. Fred Kaufman & Co., 565 Broadway, New York.

WANTED, watchmaker and engraver; good salary to the right man; send references and state salary in first letter. Eugene V. Haynes Co., Atlanta, Ga.

WANTED, competent watchmaker, optician and fine engraver; steady and pleasant position for a man well recommended. Address Jeweler, Box 466, Troy, Ala.

WANTED, young man; steady position as second man; must be engraver and understand optics; must furnish best references. Lincoln H. Hall, Trinidad, Colo.

AT ONCE, two young men, for jewelry and clock repairing; those who understand plain watch work preferred; state salary, etc. F. L. Hebert, Chatham, N. Y.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WATCHMAKER permanent position and good wages to right party; state wages expected and send references in first letter. Reid & Todd, Bridgeport, Conn.

$75 WEEKLY easily made fitting glasses; short, easy mail course; diploma; special tuition offer; write for free booklet 46. National Optical College, St. Louis, Mo.

WANTED, extra engraver, from Nov. 15 to Feb. 1; special salary to right man; transportation paid; references required. Geo. T. Brodnax, Inc., Memphis, Tenn.

WANTED, a watchmaker and jeweler; good, permanent position for the right man; state age, experience and salary in first letter. W. M. McNeal, Atlanta, Ga.

AT ONCE, a first class engraver and jeweler; one who can assist on watch repairing preferred; state experience and salary wanted. C. S. Sherwood, Portsmouth, Va.

TWELVE DOLLARS per week for right man, to do jewelry jobbing and French and domestic clock work; state age. E. R. Mason, 69 Court St., Binghamton, N. Y.

WATCHMAKER and engraver; references required; permanent position; must be able to wait on trade; wages, $18 per week. W. F. Kaiser, Brownsville, Pa.

SUPERINTENDENTS, foremen; men of strong executive ability for positions, now on our list at $1,000 to $3,500; write us to-day. Hapgoods, 305 Broadway, New York.

WANTED, salesman and engraver of good address, etc., and a convincing talker; one from an up-to-date small store preferred. O. L. Wuerker, Los Angeles, Cal.

FIRST CLASS salesman wanted for cut glass line; one acquainted with trade in central States. Apply Taylor Bros. & Co., Inc., 3d and Cambridge Sts., Philadelphia, Pa.

WANTED, at once, a thoroughly good jewelry repairer; swift and accustomed to fine work; steady position to the right man. Parker & Van Cleve, Morristown, N. J.

ENGRAVER and jeweler, who is able to do difficult repair and new work; one first class engraver and jeweler. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WANTED, jeweler; experienced man, on cluster and special work; must be able to set own work; steady work; good wages. Scribner & Loehr Co., 2047 E. 9th St., Cleveland, O.

WANTED, first class watchmaker and engraver, to take charge of department; wages, $20 a week; steady employment; single man. Address R. Van Keuren & Co., Savannah, Ga.

WATCHMAKER and engraver; permanent position and good wages to competent man; send sample of engraving and references in first letter. Reid & Todd, Bridgeport, Conn.

WANTED, first class watchmaker and engraver; salary, $25 a week; permanent position; send samples of engraving and copy of reference in first letter. Address J. Levinski, Waco, Tex.

WANTED, for Bakersfield, Cal., either jeweler and engraver, or watchmaker and engraver; salary, $20 weekly; lady or gentleman. Apply A. R. Katz & Leudan Co., 87 Nassau St., New York.

WANTED, a good jeweler and engraver; steady position and good wages to the right party; send references and salary expected in the first letter. G. A. Hauserman, 214 Main St., Paterson, N. J.

WANTED, first class engraver; one who is also a watchmaker preferred; permanent position for competent man; send sample of work. R. Harris & Co., 7th and D Sts., N. W., Washington, D. C.

WE WANT at once, a competent man who is a combination watchmaker and engraver; send references and samples in first letter and state salary wanted. D. B. Ryland & Co., Lynchburg, Va.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, a first class watchmaker and engraver; steady position and good wages to right party; send references and state salary expected in first letter. Hauserman's, 214 Main St., Paterson, N. J.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WANTED, experienced salesman for complete line of watches in New York City and surroundings; another for western territory; commission basis. Address "E., 8099," care Jewelers' Circular-Weekly.

WANTED, a good watchmaker, on plain work; must be fast; one who can do plain engraving preferred; no holiday position, but permanent. Keystone Jewelry Co., 908 Liberty Ave., Pittsburg, Pa.

WANTED, a first class watchmaker and engraver, at once; permanent position and liberal salary; send references and wages expected in first letter. Jacob Tausig's Sons, 420 Market St., Harrisburg, Pa.

WANTED, first class traveling salesman, to sell watches and loose diamonds throughout the south and west; state experience and salary wanted. Address "K., 8039," care Jewelers' Circular-Weekly.

AT ONCE, first class monogram and letter engraver; must be rapid; all information and sample monogram in first letter; position permanent. Cooper & Borsheim, 608 Paxton Block, Omaha, Nebr.

WANTED, at once, first class watchmaker and engraver; permanent position to right man; state experience, salary, age and references; also samples of engraving in first letter. John Rich, Painesville, O.

WANTED, salesman for Iowa; engagement for Jan. 1; good position for an experienced, A1 man, who knows this territory; address, giving full particulars. Otto Young & Co., Heyworth Bldg., Chicago, Ill.

FIRST CLASS watchmaker, for trade shop; must be rapid and do all classes of work; all information in first letter; do not write unless you can do the work. Cooper & Borsheim, 608 Paxton Block, Omaha, Nebr.

COMMISSION AGENT wanted for a German jewelry case manufacturer; only first class references will be considered; apply giving full particulars of experience, etc. "M., 8092," care Jewelers' Circular-Weekly.

AT ONCE, first class watchmaker and engraver, able to do some jewelry repairing; own tools; $20 to $25 per week; permanent position; sample engraving in first letter. R. L. Kennedy, care Thoma Bros., Cincinnati, O.

WANTED, first class jeweler and engraver on new and repair work; salary, $25 a week; large city in Texas; send samples of engraving and copy of reference in first letter. Address "T., 7802," care Jewelers' Circular-Weekly.

PERMANENT position for watchmaker and engraver, at good salary, to one who is a graduate optician; will pay commission besides; short hours and easy work. Walter H. Mellor, 423 Franklin St., Michigan City, Ind.

WANTED, a first class engraver and optician; must have the best of references; good salary and permanent situation for the right man; give full particulars in your letter. Address "S. B. S., 7885," care Jewelers' Circular-Weekly.

WANTED, watchmaker, competent on high grade watches; front window of the finest store in the south; if not a fine workman do not reply; send references in first letter; salary, $25 per week. Eugene V. Haynes Co., Atlanta, Ga.

WANTED, at once, a young man for clock and jewelry repairing, and wait on trade; prefer one who can do some engraving; position permanent to competent man; address with particulars. "Want, 8049," care Jewelers' Circular-Weekly.

WANTED, first class jeweler and engraver, at once; permanent position and good wages. Chas. F. Sentz, Columbia, S. C.

AT ONCE, first class watchmaker, for permanent position; engraver preferred; $15 to $18 a week. F. L. Hebert, Chatham, N. Y.

WANTED, a good watchmaker, who can engrave; a good position for right man; address with references. H. Silverthorn Co., Lynchburg, Va.

WANTED, first class engraver and clock repairer in large city of Texas; send sample of engraving, also copy of reference with application; salary, $18 weekly, to be increased if worthy of it. Address "N. S., 8041," care Jewelers' Circular-Weekly.

WANTED, at once, a first class watchmaker; a man capable of waiting on trade; one who does stone setting; steady position to the right man; good wages; must have the highest references. Address "H. G. S., 7901," care Jewelers' Circular-Weekly.

WANTED, two first class watch repairers; one for store and one for shop; answer with full particulars in first letter; references, wages and experience; a good place for honest workman; permanent. Address "K., 8113," care Jewelers' Circular-Weekly.

WANTED; a plated hollow ware manufacturer, is looking for first class salesman, with a connection for the west and middle west; none but experienced men with established trades need apply. Address "Reliable, 8032," care Jewelers' Circular-Weekly.

WANTED, three young men who have had experience in repairing watches and clocks, who would like to learn more about watch repairing; answer with references, experience and wages expected. Address "T. A., 8112," care Jewelers' Circular-Weekly.

WANTED, a reliable man who can engrave, and who is either a watchmaker, clockmaker, jeweler or optician; one who will act as salesman when not otherwise engaged; permanent position; salary, $20 to $22. Address "F., 7958," care Jewelers' Circular-Weekly.

WANTED, at once, first class monogram and letter engraver; one who can also assist at watch repairing; salary to start, $22 per week; permanent position; send reference and sample of engraving with first letter. W. F. Fisher & Bro. Co., Jewelers, Chattanooga, Tenn.

WANTED, for office, a young man experienced in the wholesale jewelry line; good position for the right party. S. K. & W., 87 Maiden Lane, New York.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

WANTED, for January 1st engagement, an experienced salesman with established trade, to represent us in Ohio and Indiana. Address, "K. R., 8108," care Jewelers' Circular-Weekly.

WANTED; traveling salesman contemplating making a change Jan. 1, will do well to communicate with us, as we are going to increase our force; good opportunity and compensation for high class men who have made good elsewhere. Apply Otto Young & Co., Heyworth Bldg., Chicago, Ill.

(*Special Notices continued on page* 90.)

Special Notices.

(*Continued from page 89.*)

HELP WANTED.—Continued.

WANTED, two reliable and capable men, watchmaker and optician, engraver and jeweler, or any combination of above; good salaries to good men; permanent; old house; new store; comfortable shop; write fully of ability, references and salary expected. The S. T. Little Jewelry Co., Cumberland, Md.

WANTED; manufacturer of plated hollow ware, is looking for a salesman, to take charge of his New York office, and also cover the territory of Philadelphia, Boston and New England; none but experienced men with first class connections need apply. Address "Fidelity, 8033," care Jewelers' Circular-Weekly.

WANTED, for January 1st engagement, an experienced salesman with established trade, to represent us in Pennsylvania. Address, "R. C., 8107," care Jewelers' Circular-Weekly.

SALESMAN WANTED for a large specialty line of small diamond jewelry; only those commanding trade and experience need apply; opportunity. "Diamond, 8082," care Jewelers' Circular-Weekly.

AN EXPERIENCED traveler, for an excellent line, consisting of watches, diamonds and jewelry; good references and character principal object. Apply to Leonard Krower, 536-538 Canal St., New Orleans, La.

PARTNER WANTED, by jobber, in watches and jewelry; applicant must have established trade in New York City and nearby towns; prefer experience to capital. "Hustler, 8073," care Jewelers' Circular-Weekly.

A BRIGHT, active and reliable young man as salesman in a retail jewelry store, in New York City; one who can repair watches preferred; permanent position assured. Benj. F. Spink, 9 Maiden Lane, New York.

WANTED, immediately, for engagement, an energetic, up-to-date salesman, who is thoroughly acquainted with the department store trade in the east and middle west, by a manufacturing jewelry concern making a 10k. line of gold goods; high class and permanent position is offered to the man who can qualify along these lines; all answers treated confidentially. Address "N., 8101," care Jewelers' Circular-Weekly.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

TIFFANY & CO. require an experienced salesman, to receive orders and give estimates on jewelry repairs; apply by letter with references and salary expected. Tiffany & Co., Fifth Ave., New York.

WANTED, a traveling salesman, for New York City and suburbs, to sell a general line of watches, diamonds and jewelry; state experience and references; all correspondence strictly confidential. "Jobbers, 8074," care Jewelers' Circular-Weekly.

WANTED, for next January, an experienced traveling salesman, with established trade, in Pennsylvania, Ohio and Michigan, to sell American watches and diamonds; all correspondence will be confidential. Smith & North, 14 Maiden Lane, New York.

WANTED, immediately, first class letter and monogram engraver, watchmaker and all around man in one of best retail stores in Massachusetts; permanent position for good man; $20 to start, with increase if worthy; send sample of engraving and reference at once. F. S. Thompson, Gloucester, Mass.

Business Opportunities.

AT 50 cents on the dollar, a job of amber necklaces, costing 30 cents a string up to $3; sent on memo. to well-rated jewelers. Dan I. Murray, 3 Maiden Lane, New York.

FOR SALE, old established jewelry store, on account of death; stock valued at $11,000; on a main street, doing a good business. Address "A. D., 7988," care Jewelers' Circular-Weekly.

WANTED, a partner, in retail jewelry store, with about $1,500 capital; must be a watchmaker; a good chance, in old established business. Address "C., 8013," care Jewelers' Circular-Weekly.

TWENTY to 30 per cent. under regular price, a job lot of diamonds mounted in scarf pins, rings, etc., $1.50 to $100; pieces sent on memo. to well-rated dealers. Dan I. Murray, Broker, 3 Maiden Lane, New York.

ONE THOUSAND ladies' silk and leather belts at 25 to 50 per cent. less than regular price; sent on memo. to well-rated jeweler. Dan I. Murray, Manufacturer, Importer and Broker, 3 Maiden Lane, New York.

FOR SALE, wholesale jewelry business; rare chance; stock and fixtures; best location in St. Louis, Mo.; opportunity for salesman with trade; cheap if bought at once; established five years. Address A. N. Zeiss, St. Louis, Mo.

OPTICAL department in leading jewelry store of Philadelphia can be had on sale of stock that is in it; has done $4,500 worth of business per month for the last few months. Address "J., 8031," care Jewelers' Circular-Weekly.

FOR SALE, an old established jewelry and repair business, in a live city on southwestern shore of southern Michigan; it will bear the closest inspection; reason for selling, ill health. Address Norris, Alister & Co., Chicago, Ill.

PARTNER WANTED, for our manufacturing jewelry business; a good chance for energetic and conscientious young man, with capital, to enter into reliable business; apply by letter. E. A. Lehmann & Co., 20 Maiden Lane, New York.

THOUSAND gold filled and sterling silver lockets at 50 cents on the dollar; made by best manufacturers in America; I bought a jobber's stock complete at 50 cents on the dollar; will send on memo. to well-rated dealers. Dan I. Murray, 3 Maiden Lane, New York.

FIVE HUNDRED filled watches, complete, 12 size and in 20-year gold filled cases, with 11 and 15 jeweled movements, at $4.75 up; terms, cash on arrival of goods; sent on memo. to well-rated dealers. Dan I. Murray, Importer and Broker, 3 Maiden Lane, New York.

GOOD BUSINESS and stock of jewelry and fine china for sale, in good town; established 15 years; fine chance to make money; owner, a professional man without time to look after business; must sell; terms part cash, part time. Address R. H. Sheppe, Big Stone Gap, Va.

CASH FOR WATCHES and diamonds; send them at once and get your money by return mail. Joseph Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, stock, fixtures and good will of successful retail jewelry and optical business, in city of 10,000 population; 100 miles from Chicago; has been making net profit of from $2,500 to $3,000 a year; best location in town; established seven years. For further particulars, address Otto Young & Co., Heyworth building, Chicago, Ill.

FOR SALE, large retail and manufacturing jewelry business, located at Oshkosh, Wis., very active and profitable; only reason for selling is owing to death of manager, son of present proprietor, who is advanced in years and wishes to retire; will give lease of store and dwelling above for term of years; size of property two stories, 20 x 150, with entrance and right of way at both ends; present stock, including show cases, machinery, safes, etc., about $40,000; can be reduced to suit purchaser. Apply Birely & Son, 151 Main St., Oshkosh, Wis.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

PART of loft, 37 John St., New York; best light; a complete jewelry factory; top floor. Address "R., 8060," care Jewelers' Circular-Weekly.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

WILL RENT to desirable party, desk room with office privileges, in light, attractive office; manufacturer's representative or diamond dealer preferred. "Maiden Lane, 7877," care Jewelers' Circular-Weekly.

For Sale.

TYPEWRITER; New Century No. 6, in first class condition; used only a short time; it's a snap for anyone needing a typewriter; can be seen in Room 53, 11 John St., New York.

Wanted to Purchase.

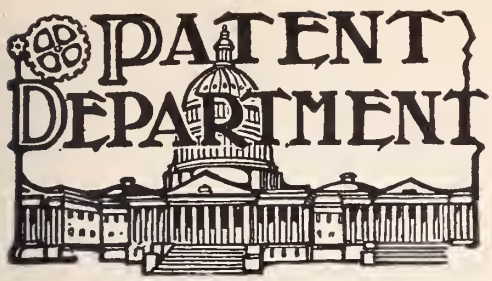
WANTED, a jewelry factory; will pay a good price if offered this month. M. Kleinman, 41 Maiden Lane, New York.

Exchange.

CAMERA, 5 x 7, long focus, convertible astigmatic lens; cost $90; will exchange for watch cases or optician's trial case. Armstrong, 360 S. Orange Ave., Newark, N. J.

SOHN and HYMAN
IMPORTERS OF PRECIOUS AND IMITATION STONES
Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
JOBBING STONES A SPECIALTY
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TO LET.
Four Desirable Light Lofts
At 31 MAIDEN LANE, N. Y.,
One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.



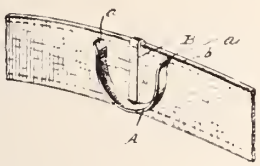
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUE OF OCT. 16, 1906.

833,186. SAFETY WATCH-SUPPORT. John E. Walsh, Washington, D. C. Filed Oct. 24, 1905. Serial No. 284,230.

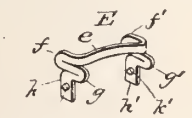
A watch-support comprising a long arm, and a plurality of short arms connected thereto, the long arm bent to form attaching means adapted to engage a belt and the short arms curved upwardly



and inwardly to engage the periphery of a watch, and curved transversely throughout that portion that contacts with the watch, whereby the latter is supported against both vertical and lateral displacement.

833,289. EYEGLASSES. Eugene C. Bernheim, Newark, N. J. Filed Jan. 13, 1906. Serial No. 295,881.

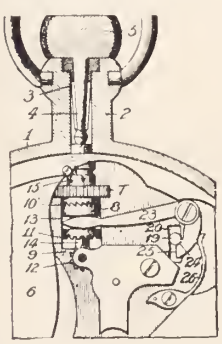
The combination with the lenses and studs of eyeglasses, of a bridge provided with resilient folds



connecting the arched portion of the bridge with the studs, the folds lying wholly above the center of the studs.

833,489. STEM WINDING AND SETTING MECHANISM FOR WATCHES. Edward Staehli, Chicago. Filed June 8, 1904. Serial No. 211,626.

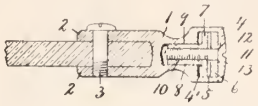
A stem winding and setting mechanism for watches comprising a primary lever carrying a lateral pin and a secondary lever having an arm



for engaging the clutch member, and a short inwardly-projecting angular arm formed with an inclined inner cam-face with which the lateral pin carried by the said primary lever engages for moving the said secondary lever, and with a straight transverse end bearing-face located at an angle to the said inclined inner cam-face providing an extended guide for the lateral pin concentric with the pivot of axis of the primary lever to positively hold the secondary lever without imparting movement thereto.

833,493. LENS-MOUNTING FOR EYEGLASSES. John R. Van Tassel, Geneva, N. Y., assignor to the Standard Optical Co., Geneva, N. Y. Filed Feb. 6, 1906. Serial No. 299,693.

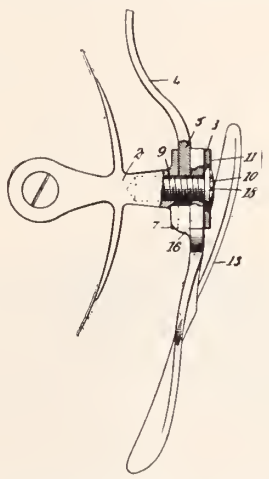
A lens-mounting for eyeglasses comprising a post having a lens-clamp at one end and a box on its



opposite end, said post having a socket opening into the box, a clamping-plate fitting into the socket and provided with a threaded aperture and a screw having a head fitted in the inner side of the box and engaged with the threaded aperture of the clamping-plate.

833,531. FASTENER FOR EYEGLASSES. Dalton W. Kolle, Portland, Ore. Filed Jan. 11, 1906. Serial No. 295,564.

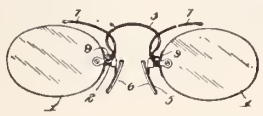
In a fastener of the class described in combination, a stud adapted to be attached to a lens and having a transverse socket formed therein, a



bow having a shank passing downwardly into said socket, a guard having an arm passing upwardly into said socket, said arm having a projection upon the face thereof, said socket and said shank having slots receiving said projection, said shank and said arm having aligning openings, and a screw passing through said openings and set in said stud.

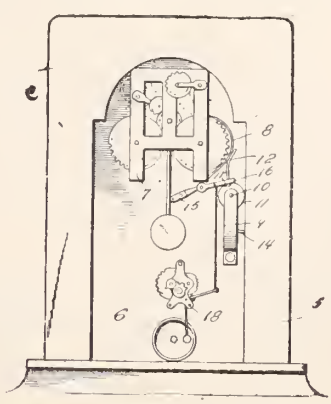
833,624. EYEGLASSES. Otto J. Pettinger, Newburgh, N. Y., assignor to E. Barton Whitney, Gloversville, N. Y. Filed March 7, 1906. Serial No. 304,738.

An eyeglass-mounting, lenses carried thereby, and spring retaining-arms detachably engaged with the



mounting and adapted for engagement with the brows of the wearer, said arms being pliable and formed each with a spring-coil located between its ends.

833,657. WINDING-INDICATOR FOR



CLOCKS. Theodore J. Arneson, Westbrook, Minn. Filed March 17, 1906. Serial No. 306,665.

The combination with a clock having an actuating-spring arranged for expansion as the clock runs down, of an alarm mechanism, and means for holding said mechanism against operation, said holding means consisting of a revoluble shaft, an arm carried by the shaft and lying in position for engagement and movement by the spring when the latter expands, to move the shaft, a notched disk mounted upon the shaft, a pivoted arm having a finger resting upon the periphery of the disk, said shaft being arranged for movement by the spring to bring the notch of the disk into position for passage of the finger therethrough, means for holding the shaft yieldably against movement by the spring, and connections between the second arm and the alarm mechanism, said connections being arranged to hold the alarm mechanism against movement when the finger is engaged with the periphery of the disk.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED OCT. 16, 1906.

Ser. No. **5,761.** (CLASS 63. MEASURING AND SCIENTIFIC APPARATUS, APPLIANCES AND INSTRUMENTS.) Merry Optical Co., Kansas City, Mo. Filed May 15, 1905.



Particular description of goods.—Spectacle and eyeglass frames and mountings.

Ser. No. **7,595.** (CLASS 61. JEWELRY, AND SOLID AND PLATED PRECIOUS-METAL WARE.) B. A. Ballou & Co., Providence, R. I. Filed June 7, 1905.



Particular description of goods.—Collar and cuff-buttons, studs, scarf-pins, stick-pins, eyeglass holders, chains, bracelets, brooches, lockets and pendants.

Ser. No. **19,816.** (CLASS 63. MEASURING AND SCIENTIFIC APPARATUS, APPLIANCES AND INSTRUMENTS.) American Thermo-Ware Co., New York. Filed May 23, 1906.



Particular description of goods.—Goggles.

Ser. No. **19,883.** (CLASS 61. JEWELRY, AND SOLID AND PLATED PRECIOUS-METAL

BRIGGS & DODD

ESTABLISHED 1879

The Jewelry and Art Auctioneers

DURING the past year we have maintained our supremacy in having conducted the leading sales. Our existing partnership has outlasted that of any Jewelry Auctioneers ever associated in the history of the business. Since our firm started, more than one hundred others have come and gone. Look through the Jewelers' Journals for the past ten years and note the changes. We work in harmony and get results. If contemplating a sale send for Book on Auctions, with references; compare ours with all the others; we will abide by the result of your conclusions.

100 DAYS
Mermod-Jaccard Co.,
St. Louis

80 DAYS
Duhme Bros.,
Cincinnati

50 DAYS
Sigler Bros.,
Cleveland

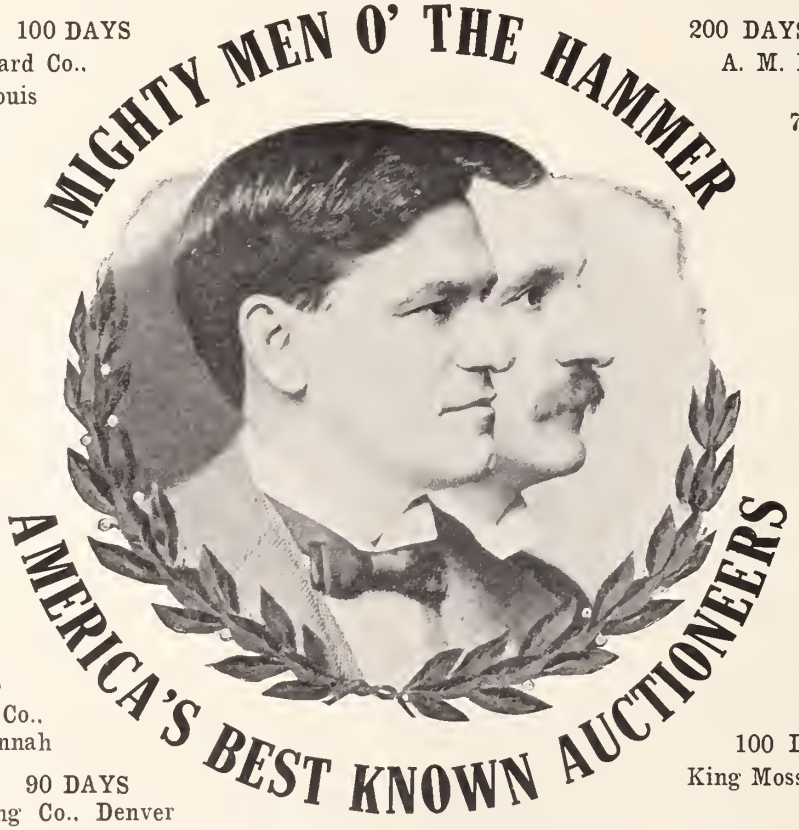
60 DAYS
Hight &
Fairfield, Butte

100 DAYS
Charles W.
Crankshaw, Atlanta

60 DAYS
Geo. Biggs & Co.,
Pittsburg

30 DAYS
R. Van Kuren Co.,
Savannah

90 DAYS
Roth Importing Co., Denver



200 DAYS
A. M. Hill, New Orleans

70 DAYS
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110 DAYS
Pairpoint Co.,
Chicago

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BRIGGS & DODD

Manhattan Building **315 Dearborn St., CHICAGO, ILL.**

WARE.) J. B. Bowden & Co., New York. Filed May 26, 1906.



Particular description of goods.—Finger-rings.

Ser. No. **19,921.** (CLASS 70. STATIONERY NOT OTHERWISE CLASSIFIED.) Sanford & Bennett, New York. Filed May 28, 1906.

COMMERCIAL

Particular description of goods.—Stylographic and fountain pens.

Ser. No. **19,922.** (CLASS 70. STATIONERY NOT OTHERWISE CLASSIFIED.) Sanford & Bennett, New York. Filed May 28, 1906.

AUTOPEN

Particular description of goods.—Stylographic and fountain pens.

Ser. No. **19,923.** (CLASS 70. STATIONERY NOT OTHERWISE CLASSIFIED.) Sanford & Bennett, New York. Filed May 28, 1906.

AUTOMAT

Particular description of goods.—Stylographic and fountain pens.

Ser. No. **20,152.** (CLASS 59. HOROLOGICAL INSTRUMENTS.) Abraham & Straus, New York. Filed June 8, 1906.

CHRONOS

Particular description of goods.—Watches, watch cases, watch dials and watchworks.

Ser. No. **20,788.** (CLASS 61. JEWELRY, AND SOLID AND PLATED PRECIOUS-METAL WARE.) International Silver Co., Meriden, Conn. Filed July 9, 1906. Used 10 years.

STERLING INLAID

Particular description of goods.—Silver plated ware.

Ser. No. **20,149.** (CLASS 61. JEWELRY, AND SOLID AND PLATED PRECIOUS-METAL WARE.) Walter McKittrick, St. Louis, Mo. Filed June 21, 1906.



Particular description of goods.—Brooches and rings.

TRADE-MARKS REGISTERED OCT. 16, 1906.

56,686. CLOCKS AND WATCHES. Hibbard, Spencer, Bartlett & Co., Chicago.
Filed March 12, 1906. Serial No. 17,746. Published Aug. 21, 1906.

56,650. HAIR-WAVERS. Charles F. Porter, Boston, Mass.
Filed March 12, 1906. Serial No. 17,777. Published Aug. 21, 1906.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for The Jewelers' Circular-Weekly by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Oct. 8, 1889.

412,239. EYEGLASSES. John Currin, Southbridge, Mass., assignor to F. A. Hardy, Chicago.

412,240. INKSTAND. W. H. Daniel, Englewood, Ill.

412,301. SHADE-HOLDER FOR CANDLES. Peter Sloan, Merion Station, Pa.

412,395. SPECTACLE-FRAME. H. E. Kirstein, Rochester, N. Y.

412,396. INKSTAND. John Larkin, Bradford, Pa.

412,398. METHOD OF MAKING ARTICLES FROM SHELL. G. T. Lincoln, Leominster, Mass., assignor to the Shelton Comb Co., Huntington, Conn.

412,442. EYEGLASSES. W. S. Wells, New York.

412,457. SHIFTING MECHANISM FOR STEM WINDING AND SETTING WATCHES. Ferdinand Bourquin, St. Imier, Switzerland.

412,512. BUTTON OR ORNAMENT. Frank Kerrigan, Chicago, assignor of one-half to J. J. Altpeter, same place.

412,514. CLASP. Francois Lamboley, New York.

412,604. SPONGE CUP. Henry Croggon, Washington, D. C.

412,631. WATCH-CRYSTAL GAGE. Q. C. Kraehmer, Galena, Ill.

412,667. COFFEE OR TEA POT. L. J. Richards, Philadelphia, Pa.
Design issued Oct. 4, 1892, for 14 years.

21,877. VASE. Sydney Starkey, East Liverpool, O.
Design issued Oct. 10, 1899, for 7 years.

31,620. PLATE. C. J. Ahrenfeldt, New York.

Issued Oct. 15, 1889.

412,739. COFFEE-POT. G. M. Florer and C. W. Mayer, Beloit, Kans.

412,774. OPERA-GLASS HOLDER. E. B. Meyrowitz, Ridgefield, N. J., assignor to Levy, Dreyfus & Co., New York.

412,777. ART OF MAKING HOLLOW HANDLES. I. E. Moody, Toledo, O.

412,796. CALENDAR-WATCH. Bernhardt Rosenburg, Waltham, Mass.

412,799. POCKET-KNIFE. J. C. F. Schenck, Moline, Ill.

412,813. CLASP. I. L. Weiskopf, Furth, Germany.

412,828. LAMP-SHADE. W. S. Berg, Philadelphia, Pa.

412,833. BOUQUET-PIN. W. A. Brunka, Boston, Mass.

412,844. WATCH-BOW FASTENER. Henry East and F. L. Turner, Birmingham, Eng.

412,894. UMBRELLA. R. E. Peters and W. E. Green, Concord, N. H.

412,900. TIME-STAMP. E. H. Rogers, Jr., New York, assignor to the Rogers Automatic Time Stamp Co.

412,902. TIME-STAMP. C. H. Shaw, Brooklyn, N. Y.

413,006. COMBINED MATCH-SAFE AND TICKET-HOLDER. Solomon Wolerstein, New York.

413,034. BUTTONER. T. W. G. Cook, New York.

413,052. BUCKLE. Jacob Gump, Baltimore, Md.
Designs issued Oct. 17, 1899, for 7 years.

31,664. SPOON HANDLE. J. W. Mealy, Mount Washington, Md.

31,665. SPOON-HOLDER. J. L. McKay, Chicago.

31,670. PEN-HOLDER. George Oberbeck, New York, assignor to the Eagle Pencil Co., same place.

Coral, which is affected by heat and acids, is frequently imitated by manufacturers who use bone, horn and ivory, stained with cinnabar, and sometimes a composition of gypsum, gum and cinnabar. Imitation coral may be made by mixing vermilion with the fine bone powder and white of egg, which is used for bone moulding. This can be cast or pressed into various shapes, and when perfectly hardened will take a fine polish. To mend broken coral, use diamond cement, mastic, fish glue or white of egg, in any or all of which vermilion has been well mixed. When perfectly hard, smooth the joint and polish.

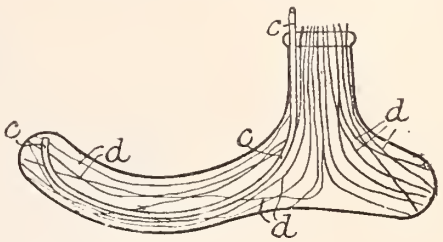
BRITISH PATENTS.

(Abridgments of Specifications, 1905, from *The Illustrated Official Journal.*)

ISSUE OF OCT. 3, 1906.

11,849. ORNAMENTAL METALWORK, ETC. A. Richter, Berlin. June 6.

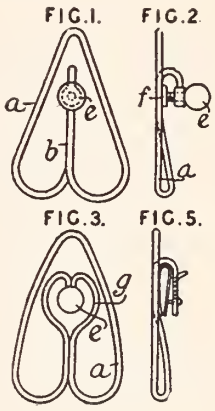
Hollow bodies of metal and other material such as handles for umbrellas, walking-sticks, knives, etc., are strengthened hy placing a number of



wires, strings, etc., *d*, inside and filling up with some suitahle stiffening-mixture. A small tube *c* may be inserted, to allow air to escape from the body, filling being thus expedited.

11,887. NECKTIE RETAINERS. R. G. Woodyatt, Hove, Sussex. June 6.

A necktie retainer adapted to be attached to the lower edge of the collar is provided with a fastening which grips the tie in a positive manner and at the same time prevents the retainer from becoming accidentally detached from the collar. In



the form shown in Figs. 1 and 2, one of the parts *a*, *b*, between which the lower edge of the collar lies, is provided with a screw the foot *f* of which is adapted to grip the tie against the part *b*. Fig. 3 shows a modified form in which the screw presses the tie through the loop *g* and against the collar itself. The screw fastening may be replaced by a clip fastening of ordinary description, as shown in Fig. 5. The parts *a*, *b*, of the frame may have different shapes, and the knob *e*, Figs. 1, 2, 3, may be ornamented.

12,045. TIME-RECORDERS FOR WORKMEN. W. D. Hawley, Syracuse, U. S. June 8. (Date applied for under Patents Act, 1901, March 2.) Period for granting patent not yet expired.

The time-recorder mechanism is shown in front elevation in Fig. 2, one of the recording-markers 96 and its actuating-key 118 are shown in Fig. 14, the means for moving the record-cylinder endwise are shown in Figs. 18, 21 and 22, and the time-indicating gearing and synchronizing means are shown in Figs. 23 and 25. Records are made upon sheets having two surfaces 25, 26 of contrasting colors, the upper surface being cut away by the markers 96, and the sheet is clamped by the levers 27 and the elastic pieces 30 to the record-cylinder 24, as shown in Fig. 8. These records are always accessible without stopping the machine. The markers are supported on a supplemental frame 97, which is movably supported on the main frame and movable relatively to the record-cylinder. The main frame is of skeleton form, comprising a base, opposing sides, lower, intermediate, and upper pairs of rods uniting the sides, and cross-pieces terminating in eyes mounted on the upper rods. There are two record-cylinders in the ma-

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PRE-EMINENTLY THE JOBBER'S LINE



GOLD and SILVER THIMBLES

WAITE-THRESHER COMPANY,
61 Peck Street, Providence, R. I.
7 Maiden Lane, New York. 1203 Heyworth Bldg., Chicago, Ill.

I

cut the 88 carat stone now a part of the crown jewels of the Queen of Belgium.

¶ Many manufacturers are known as repairers, but outside concerns do the actual work. When you send your stones to me you are assured of **the best workmanship at lowest prices.**

The percentage saved in weight on every stone is an item that will interest you.

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¶ Call at my cutting factory while in town, or write for full information.

I. BLOOM
Diamond Cutting and Polishing
101 Beekman St. New York
References { L. & M. Kahn & Co. / Fulton National Bank.

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GEMS in Unique Cuttings

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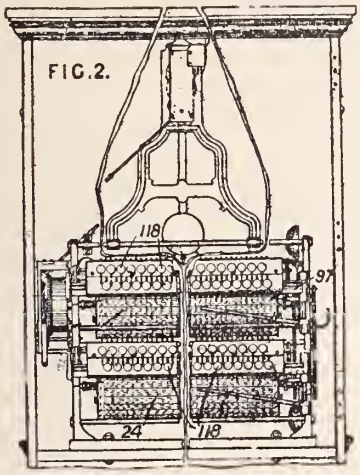
the only man who ever conducted a sale of seven months on Maiden Lane, N. Y., selling only diamond jewelry at 100 cents on the dollar; daily sales, $2,000. It requires no ability to sell brass watches and cheap jewelry at profits and let the jeweler keep his old high-priced goods; then he fails; not that almost every jeweler who has an auction sale fails in business after sale is over or while it is running. Write me why this occurs; I will tell you why — not my sales. No failures after I make a sale for a jeweler. There are reasons. Write me. Open for only one more sale this year. I am now selling the $20,000 stock of T. P. Judd, Syracuse, N. Y. This is my fifth sale in this city inside of two years. Address me where you have for the past ten years:

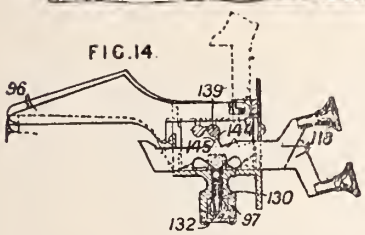
3 Maiden Lane, New York. 151 Wabash Ave., Chicago, Ill. 512 Race St., Cincinnati, O.

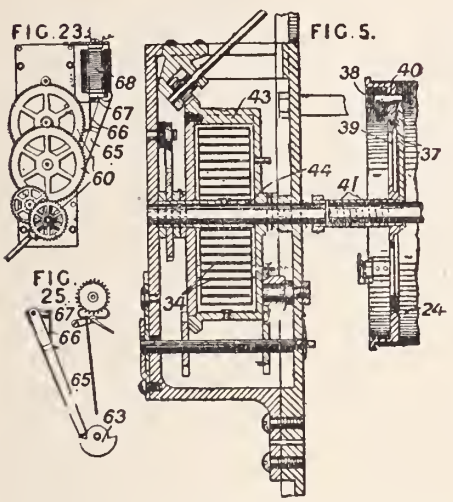
DAN I. MURRAY

Two first-class men help me at no extra cost to the jeweler.

chine, both being driven by the spring 34, Fig. 5, which is connected to the barrel 43, and to the rotary winding-sleeve 44, which is advanced step by step by ratchet mechanism. Overwinding of the spring 34 is prevented by two gear wheels,

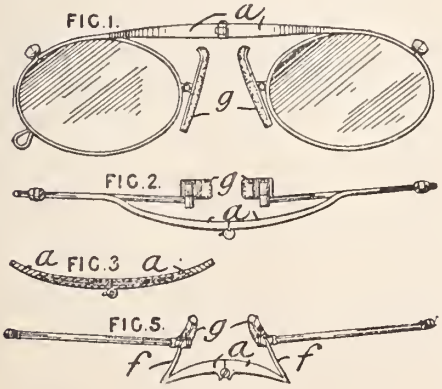






one having a long tooth and the other a shallow space. The spring 34 is also the spring for the time-movement, etc.

12,089. EYEGLASSES. R. J. Fleming, Ealing,

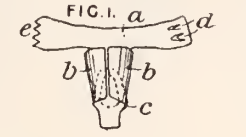


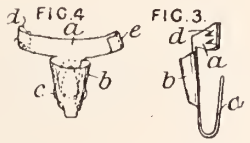
London, W. June 9. No patent granted (sealing fee not paid).

The bridge *a* is made of two hollow parts hinged together so as to turn in a horizontal plane, and containing a spring by which the plaquets *g* are pressed against the nose. Figs. 1, 2 and 3 show a bridge with its concave side towards the nose, while Fig. 5 shows a bridge with its convex side towards the nose. The bridge shown in Fig. 5 is held forward as shown by extensions *f* to which the plaquets are secured. According to the Provisional Specification, the two parts of the bridge may be connected together by springs only.

12,123. NECKTIES AND NECKTIE FASTENINGS. G. W. Avison, Wakefield, Yorkshire. June 10.

Relates to a device on which the tie knot may be formed so as to render unnecessary the repeated tying and untying of the necktie. The device is formed from a metal blank of T-shape, the sides of the vertical portion being bent over as shown in Fig. 1 to form a funnel portion *b*, and the end *c* being bent up and formed with a key-hole slot for attachment to the stud, as shown in Fig. 3. The

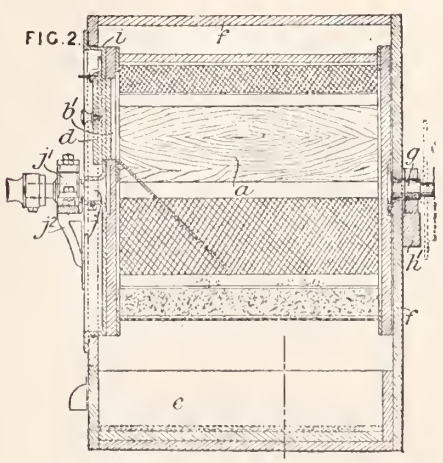




horizontal portion *a* is curved and is formed at one end with prongs *d* and at the other with serrations *e*. In forming the knot, one end of the tie is secured on the teeth *d*, and the tie is then brought round in front right across the piece *a*, then behind and round from the back across the funnel piece *b*, then to the back and upwards, and finally down in front between the metal piece *b* and the fold of the tie covering the same. In a modification, the funnel piece *b* is formed by bending a piece of metal from one side only, and clips take the place of the teeth *d* and serrations *e* as shown in Fig. 4.

12,136. SIFTING JEWELERS' SWEEPINGS, ETC. W. J. Fleming, Birmingham. June 10.

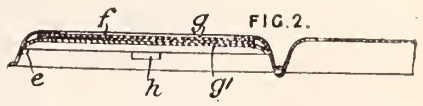
Apparatus for separating the fine dust from jewelers' and goldsmiths' sweepings, and from other manufacturing and domestic refuse, consists of a rotary riddle or sieve enclosed in a dust-tight casing and arranged so that the sweepings, etc., may be fed in and the fine dust and coarse ashes, etc., removed without disturbing the sieve. The drum *a* has closed ends and is constructed wholly or partly of wire gauze or perforated or wirework panels. The sweepings are fed in and the coarse material removed through an opening b^1 fitted



with a door *d*, the fine dust being caught by a sliding tray *c*. One end of the drum is provided with a spindle *g* mounted in external bearings supported on a transverse bar h^1, and the other is provided with a flanged bearing-ring *i* working dust-tight in a circular opening in the casing *f*. The drum is rotated by means of a winch handle or pulley on a spindle *j* running in a bearing j^1 on a bracket j^2. The drum may have a bearing in both ends of the casing and may be driven by toothed gearing; or it may be otherwise mounted and driven. The drawer *e* may be dispensed with and the dust removed through an opening in the casing, and the drum may be fitted with stirring-fingers. The Provisional Specification states that the drum may be fixed at right-angles to a rotary axle, and that the contents may be discharged down a hinged flap or shoot which normally closes an opening in the casing.

12,312. CIGAR AND CIGARETTE CASES; MATCH BOXES. J. Dinnebier, Lübenscheid, Germany. June 13.

Cigar and cigarette cases and match boxes have

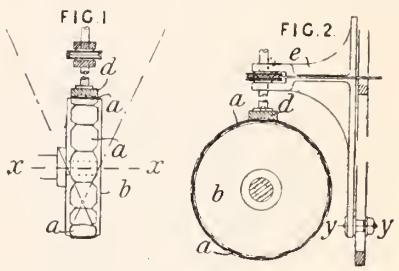


photographs or the like fixed in one half. One half of the case is cut away at *f*, Fig. 2, and the photograph *g* is held by a plate g^1, which is passed under the catch pin *e* and sprung under projections *h* at the sides.

(Reference has been directed under Patents Act, 1902, to Specification No. 12,150, A.D. 1885.

12,375. LENSES. S. D. Chalmers and H. S. Ryland, Clerkenwell, London, E. C. June 14.

Relates to a method of and apparatus for producing toric-spectacle and other lenses, *i. e.*, lenses with surfaces of double curvature. The blanks *a* are cemented on the surface of a disk *b* rotated about an axis *x-x*. The rotary grinding or polish-



ing tool *d* is mounted on the arm *c* of a bracket which is reciprocated about the axis *y-y*. Thus one radius of curvature produced is equal to that of the disk *b*, while the other is varied by raising or lowering the axis *y-y*. This axis may also be adjusted horizontally. For concave surfaces, the blanks are cemented to the inner surface of the rim of a disk.

Complete specifications accepted Sept. 26, 1906.

1905.

19,344. CANDLESTICK. Harries & Jenkins.

26,501. ELECTRIC PENDULUM. Lowne & Lowne Electric Clock and Appliances Co.

1906.

404. CIGAR AND MATCH CASE. Caesarli.

3,719. TEA INFUSER. Smith.

11,292. SPECTACLES. Rodenstock.

17,968. CASE FOR HAT PINS. Lewis.

Applications filed Sept. 17 *to Sept.* 22, 1906.

20,750. TIME-RECORDER. Harry Dyson, Manchester.

20,756. OPERA-GLASSES. W. H. Robson and Francis Ward, Manchester.

20,770. TIP-CAP FOR UMBRELLAS. H. G. Smart, Portsmouth.

20,787. TIME-RECORDER. M. W. Smith, Hoddesdon, Herts.

20,981. HAIR-ORNAMENT FASTENER. Bertha Leu and Victor Sjostrom, London.

21,049. HAIR-PIN. W. C. J. Schlie, Glasgow.

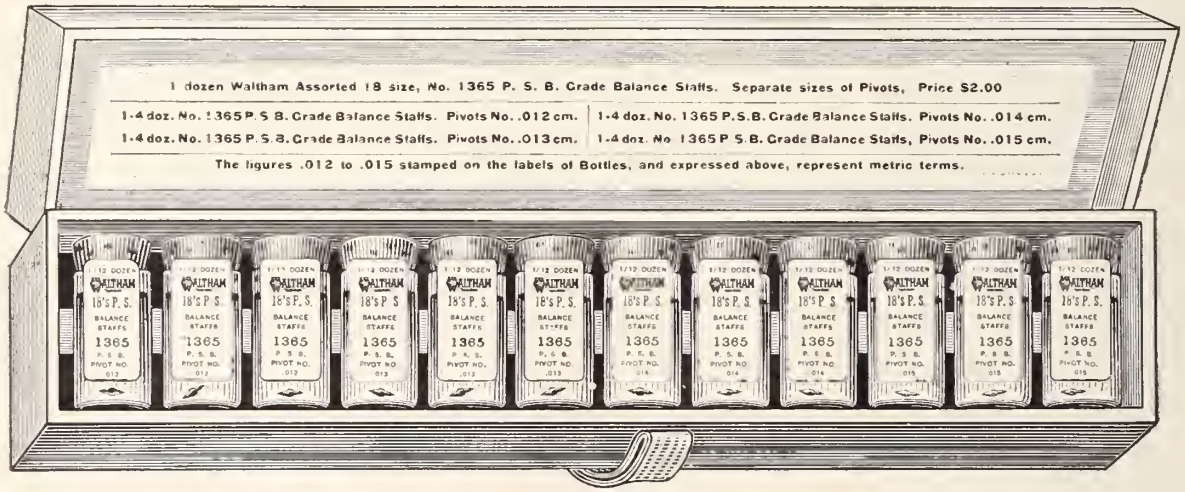
21,092. HAIR-CURLER. Florence Ainge, London.

A new building is being erected at Hancock, Ia., to be occupied by John Morris as a jewelry store.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.

SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE	18 SIZE
NUMBER	163	277	278	279	280	281	450	450 A
	 LENGTH OVER ALL .615 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .570 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .560 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .660 CM. DIAMETER OF BAL. SHOULDER .124 CM.	 LENGTH OVER ALL .650 CM. DIAMETER OF BAL. SHOULDER .130 CM.	 LENGTH OVER ALL .615 CM. DIAMETER OF BAL. SHOULDER .130 CM.
PRICE PER DOZEN	$2.00 & $3.00	$1.50 TO $3 00	$1.50 TO $3.00	$1.50 TO $3.00	$1.50 TO $3.00	$1.50 TO $3 00	$4.00	$4.00



WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD. PATENTED, JUNE 5TH, 1894.

INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade, -	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.

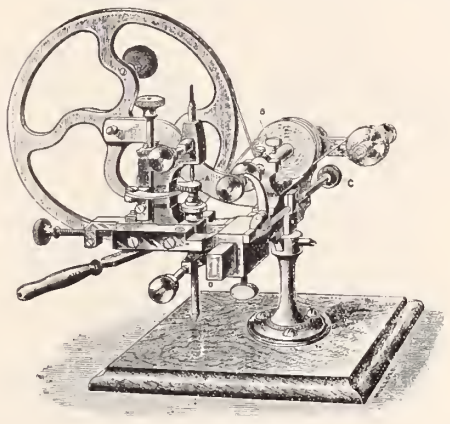
Watch Repairing.

By H. Reinecke.

(Continued from issue of Oct. 10.)

IT is within the memory of aged watchmakers when the members of this profession were styled artists, which practice prevailed more especially in the early part of the 19th century. He only was entitled to be so called who could really make a watch—either an original watch or a duplicate of some other watch. A clockmaker was expected to be able to do the same in the clock line. As a matter of course, a watchmaker who could make a complete watch was expected to be able to make any part of any other watch. But a watchmaker was styled an artist in the creative sense, which implied the possession of intelligence which enabled him to understand the construction of timepieces in common use at that time. A watchmaker who really was a watchmaker had in his possession all such tools as were known, and much inventive genius was devoted to the making of new tools and devices. He could make verges, cut fusees, pinions and wheels. He was in possession of a wheel-cutting engine on which he cut straight teeth without any epicycloidal or any other curves. The rounding up of the teeth of such wheels was done by hand with small, flat-faced files, which had circular, smoothly finished backs. It was the pride of a workman who could do the rounding up of the teeth of a wheel by hand uniformly and suitably for the pinion with which it was intended to form a depth.

There were in existence at that time a few rounding-up tools which showed the evidence of being the creation of some great genius—a Breguet, a Berthoud, or some other great artist not quite so well known. These tools were very complicated and complete, but owing to the labor needed in their construction, very expensive. The fundamental description of them might be given by comparing them to a sort of hand planer. The frame formed a rectangular body of about 12 inches in length, and was probably a brass casting. The horizontal part of this machine had a downward projecting bracket attached to it, convenient for holding the tool in the vise. The upper face of this horizontal part carried uprights of about three-quarters of an inch in height, and to which were fitted eight antifrictional steel rollers, four in a horizontal and four in a perpendicular position. The latter four were so arranged that a planer of a limited width could be moved freely backward and forward between them without any side shake. The perpendicular or vertical part of the tool had attached to it horizontally a head similar to the one of the turns of a small Swiss lathe with two poppets, one movable and the other fixed, pierced for two runners, between the centers of which any wheel might be placed for having its teeth rounded up. When a wheel was operated upon proper adjustable guards protected it against any injury. This wheel carrier was further attached to



THE ROUNDING-UP TOOL.

a slide for the purpose of moving it up and down to accommodate large and small wheels. The files for finishing the teeth and spaces of the wheels were of two kinds.

One kind consisted of 50 or 60 equalizing files of graduated thicknesses, and both edges of these files were cut for filing the bottom of the spaces between the teeth to lengthen them and to equalize the spaces. The other kind were the rounding up files. One edge of these files was cut with two circular cuts, intended to operate for forming the curves on one side of two adjoining teeth. The space between the two curves of these files had to fit freely into the spaces between the teeth. The planers, four in number, were made of brass, about two inches wide and six inches long. On each end of these, clamps were placed for holding the files. The clamps, which were movable, could be adjusted in a circular motion, to operate equally on the sides of two adjoining teeth, and sidewise, to be central with the diameter of any wheel.

About the year 1840 it became known that a Swiss artificer had invented a new tool for rounding up the teeth of wheels, by means of which he could work very rapidly and do the jobs for a large number of watchmakers. He kept his invention a great secret, but some years later duplicates of the new tool were manufactured and offered for sale, and the well-known modern rounding-up tool as here represented came into pretty general use. It is everywhere admitted that it is one of the most useful tools for the watch repairer. By its aid a wheel may be almost instantly reduced in diameter, corrected if out of round, or have the form of its teeth altered as may be required. The cutters are a little over half a circle, and terminate in a guide which is attached to the collar, and which holds the cutter to the arbor. This guide is made of steel and is adjusted by a screw, by means of which the free end may enter the next tooth and keep the wheel rotating.

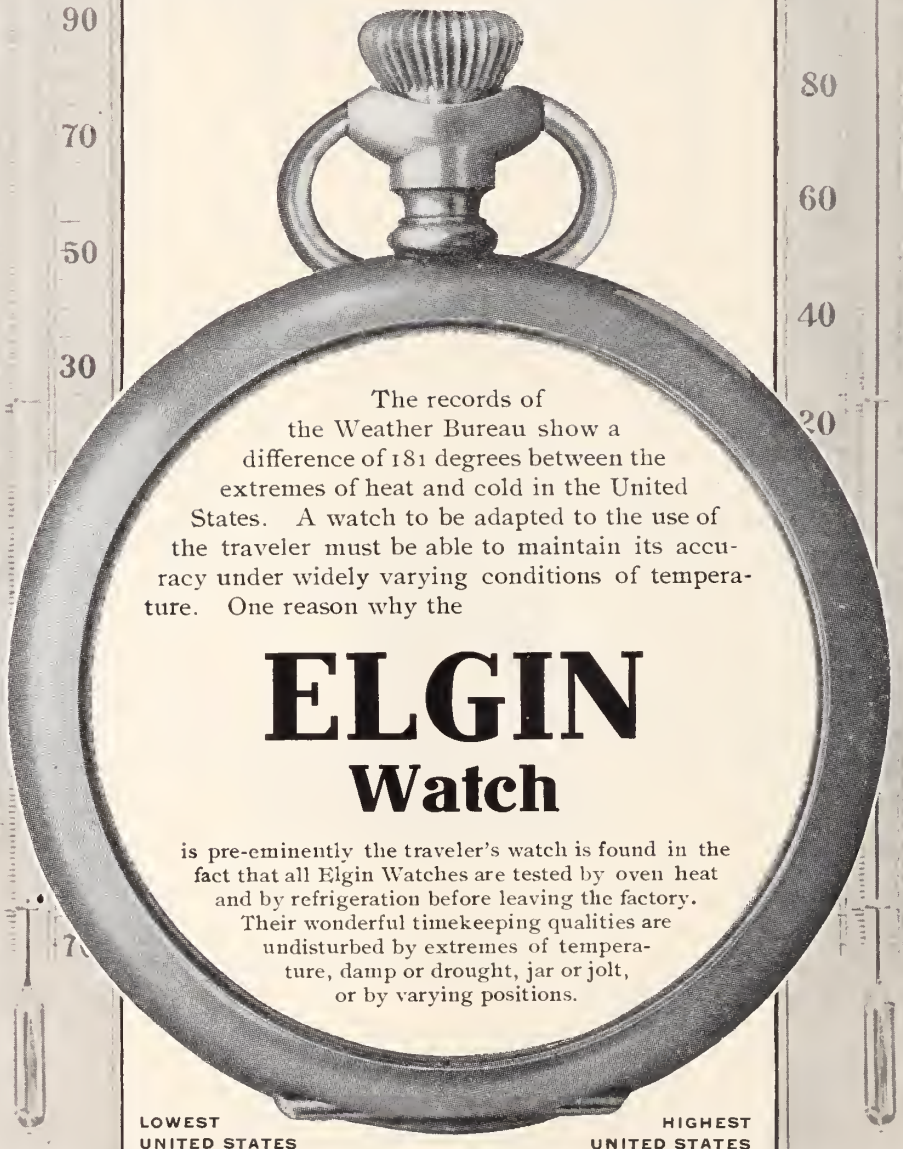
The proper adjustment of this guide is important, as any oversight in this respect may ruin the teeth of a wheel in a moment. The form of the teeth may require altering for three reasons. One of these is where a depth is met with where a pinion is too small and the teeth of the wheel are thick. In this case the curves may be cut lower down and the teeth made thinner. Another is when a depth is met with where a pinion is too large and the teeth of the wheel are thick, when the spaces may be made wider, which will shorten the curves of the teeth and bring the pitch line nearer to the circumference. A third reason is when the depth of motion wheels in a keyless watch does not work smoothly, when the curves of the teeth should be rounded up more towards their roots, as wheels with such teeth will act well either as drivers or followers.

To make these changes does require a very large assortment of cutters, and the tool with files has the advantage over the new tool, as two files may be used, whereas in the modern tool the circular cutter has to operate on the curves of the teeth of the wheel and the spaces at the same time. In other respects the use of the modern tool is not difficult for an intelligent and careful operator.

N. W. Cowles, Ottumwa, Ia., has moved to newly furnished quarters at 205 E. Main St.

During a fire at Whiteville, Tenn., which recently destroyed property valued at $8,000, C. L. Hunt, of that place, sustained a small loss, having no insurance.

An Argument for the ELGIN Dealer



The records of the Weather Bureau show a difference of 181 degrees between the extremes of heat and cold in the United States. A watch to be adapted to the use of the traveler must be able to maintain its accuracy under widely varying conditions of temperature. One reason why the

ELGIN Watch

is pre-eminently the traveler's watch is found in the fact that all Elgin Watches are tested by oven heat and by refrigeration before leaving the factory. Their wonderful timekeeping qualities are undisturbed by extremes of temperature, damp or drought, jar or jolt, or by varying positions.

LOWEST UNITED STATES TEMPERATURE 63° BELOW

HIGHEST UNITED STATES TEMPERATURE 118° ABOVE

The above is one of the many good arguments for the Elgin Watch, all of which help the dealer to sell Elgins.

See Jobbers' list for prices or write the Company.

Every dealer is invited to send for the Elgin Art Booklet, "Timemakers and Timekeepers," illustrating the history and development of the watch.

ELGIN NATIONAL WATCH COMPANY

Factories, ELGIN, Illinois, U. S. A.
General Offices, 131 Wabash Ave., Chicago.

NEW YORK OFFICE, 11 John Street.
SAN FRANCISCO OFFICE, 206 Kearny St.

Escapements as Constructed by Various Horologists.

Translated for The Jewelers' Circular-Weekly, from the *Almanac de l'Horlogerie et de la Bijouterie.*

(*Continued from issue of Oct.* 17.)

IN the mechanism given in Fig. 16 we find again a wheel similar to that in the said previously described device (Fig. 28 of last series); that is, having teeth for the lockings, and pins for the impulsion. We see also two locking levers, of which one, A, bears an inclined plane for impulse. But these two levers are in a certain measure independent of each other, and this mechanism presents also the characteristics of gravity escapements.

The arm A, pivoting at V on the arbor of the fork, carries a weight P, which is raised at each vibration from right to left by the *vis viva* of the pendulum, a force to which is added the action of the pins of the wheel against the incline of the pallet *s*.

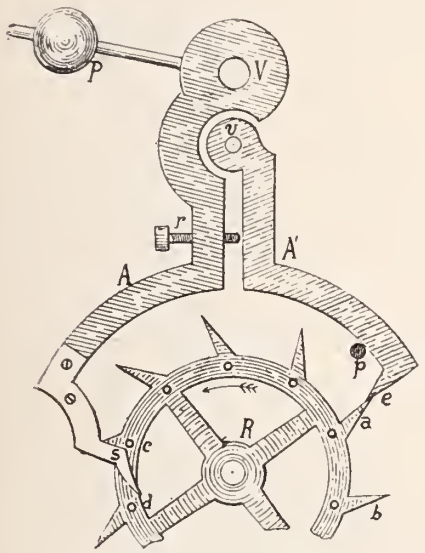


FIG. 16.

The pin *d* has accomplished this action, and the tooth *a* has been arrested by the pallet *c* of the arm A^1. This arm, which pivots at *v'* on a special arbor, remains pressed against the stud *p* fixed to the plate. It has not, therefore, followed the arm A in its movement from right to left, and the oscillation is accomplished in complete freedom, since the stop *c* does not permit the pin *c* to reach the locking of the pallet *s*. Our illustration represents the escapement at the moment when the oscillation from left to right is produced; that is, when the impulsion, under the influence of the weight P, takes place. The extremity of the screw *r* will reach the arm A^1 and oblige it to participate in the movement. The tooth *a* will be disengaged, and the pin *c* will be locked on the pallet *s*. This pin will be ready at the next oscillation to act against the inclined plane of this pallet.

There is, therefore, no friction in the locking at *c*, as in the preceding escapement, since the arm A^1 remains stationary during the oscillation of the arm A from right to left. This mechanism figured also in the Paris Exposition of 1855.

* * *

The different dead-beat escapements for watches which we have described were, for the most part, invented after the cylinder escapement; so we cannot undertake to give other descriptions before according to the splendid invention of Graham the attention it merits.

The cylinder escapement may be considered as a dead-beat lever escapement, of which the lever, fixed directly on the balance staff, embraces between its pallets a single tooth of the wheel.

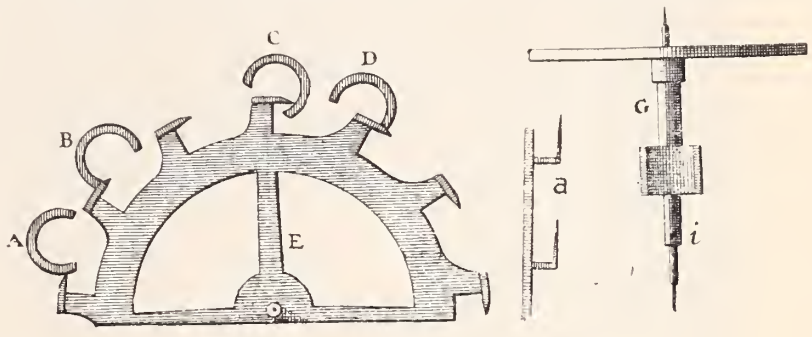


FIG. 17.

After having improved the escapement for clocks, it was quite natural that Graham should entertain the idea of applying the same system to watches. This was accomplished by reducing more and more the number of teeth embraced by the lever and bringing it nearer the centers of rotation of the pieces.

A former illustration showed an escapement in which the lever of cylindrical form embraces only three teeth. We have also seen the mixed Berthoud escapement, in which the cylinder embraces only one tooth, but which, not having the small cut, occasioned a recoil on the exit lift. This mechanism, and a good deal more of which we shall speak, came to the front after the invention of Graham's, while, the idea having been launched, artists were seeking to put it into practice, each one according to his own method.

The construction contrived by Graham triumphed, but notwithstanding all the advantages which it presents the cylinder escapement required a century and a half before it succeeded in totally supplanting the verge escapement.

These advantages, recognized at the origin by most horologists, were the following: Suppression of the recoil and its harmful influence, especially with reference to wear; correction by the lockings of the variations of the motive force; omission of the fusee, and consequently the simplification of the mechanism of watches and reduction of prices; suppression of the bevel gearing, always defective, resulting in the lessening of the thickness of watches; more extended vibrations of the balance, permitting of a more precise adjustment.

But, constructed as it was at the outset, with a massive wheel, a very thick cylinder furnished with a large light balance, and working on large pivots in brass holes, the cylinder escapement must have been far from giving the results which are now secured. Rapid wear occurred, modifying the value of the friction at the lockings and causing enormous variations, augmented by the effect of the thickening and the decomposition of the oil, from which this escapement cannot be freed like the verge escapement.

Besides, there was, in addition to the distrust often inspired by a novelty, a certain jealousy on the part of horological artists on the Continent, who, instead of recognizing frankly the qualities of the newcomer, studying it carefully, and improving it, sought to imitate it by constructing it in a different way, or by discrediting it by opposing their own inventions.

The accompanying illustration (Fig. 17) shows us how Thiout, in his treatise on horology published in 1741, delineated the cylinder escapement. Whatever might have been the imperfections of the first model produced by Graham, we do not think that it was so defective as the mechanism which Thiout presented to his readers. The teeth of the wheel had an impulse plane only on a part of their length towards the point, and these teeth, which are seen in profile at *a* have the form of a knife, which certainly Graham did not give to them. The cylinder, in four positions, A, B, C, D, had no well-determined opening, and its pivoting point is outside of the exterior radius of the wheel. The complete cylinder with its staff is represented on the right, and this drawing appears to us to be rather a fancy, executed by basing it on the known principles of the Graham anchor escapement, and of those imperfectly executed or understood of the cylinder escapement.

On examining these designs there is temptation to believe that Thiout sought to throw discredit on a new escapement, and to render incomprehensible the principles on which it had been contrived, but this was not the case; there was rather great negligence, and these drawings prove that at that time pains had not been taken to study the new escapement thoroughly.

These are the words of Thiout: "I do not know of a watch escapement which contains so many properties as this one: (1) It is as simple as the verge escapement; (2) it is less susceptible to shocks; (3) it is not subject to counter-beating, to


HOWARD

over-banking, or to catching, even when the holes have been enlarged; (4) it is not much affected by the inequalities of the motive force or of those of the train; (5) the gearing of the latter wheels are more constant than those of the crown wheel; (6) the watch is more easily adjusted for all positions; (7) finally, this escapement is not so subject to derangement as others which engage in succession more with one pallet than with another. It appears to me that so many advantages united would be yet more admirable if the action of the teeth, which occurs on the convexity of the cylinder and in the cavity when the tooth enters and leaves, which produce four frictions of different kinds, did not necessitate the cleaning of this kind of watches oftener than those having the verge escapement."

This estimation of Thiout was published in 1741. The cylinder escapement had then been known in France for over a dozen years. During the next quarter of a century some French artists endeavored to construct it, but they did so without en-

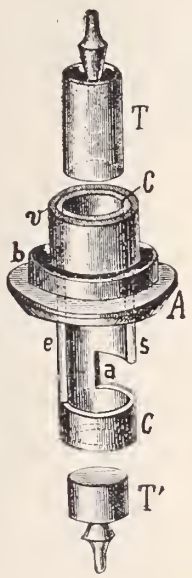


FIG. 18.

thusiasm, while seeking for some other construction to oppose to this invention, which had come from over the sea. The difficulties occurring in the manufacture of its organs were somewhat exaggerated, and certain artists, recognized as authorities at that time, refused to admit its valuable qualities.

In his treatise on horology published in 1767, Lepaute, in speaking of the cylinder escapement, said: "It is much more difficult to construct than other escapements, especially with reference to the wheel, which must carry as many curves as teeth; of which the curves decide the lift of the balance and the extent of its arc. This wheel alone requires the work of three days for a very skilful operator, who cannot until the last moment promise himself that so delicate a piece of work will come from his hands without accident. For greater security, old boiler copper has been employed, which is closer, more uniform, smoother and less fragile."

The truth is that Lepaute, who had invented, or rather improved, the two-pin escapement, of which we gave in our last article the arrangement for clocks, and who had sought to apply the same escapement to watches, did not look with favor on the rival mechanism of Graham. He had admitted the superiority of the cylinder escapement over all other escapements, but he claimed to have discovered one better. After having described the different watch escapements, he ends the chapter by saying:

"In fine, the Graham escapement has superseded all these. It appeared in France about 1730, and has been regarded since as the most perfect; we might also think so if we had not one to oppose to it which is much superior."

Now, the escapement which Lepaute claimed to oppose to that of Graham is his pin escapement, of which we shall give further on the arrangement adopted for watches, an arrangement which appears to have had no success.

Notwithstanding all objections, the qualities of the cylinder escapement were generally recognized; so it is not surprising to read in the *Histoire de la Mesure du Temps* by Ferdinand Berthoud, published in 1803, the following:

"The cylinder escapement was unknown in France until 1728. M. J. Leroy brought from London a Graham watch, in which this escapement was employed. He afterwards disposed of it to M. de Maupertuis, after having tested it. From that time several artists in France adopted this escapement, to which they attributed marvelous properties, especially that of compensating the inequalities of the motive force. A skilful Paris artist, J. Jodin, has even published a book, in which he claims to establish the superiority of this escapement over all others known. We have not been able to share this enthusiasm, and we think that the escapement of De Baufre is the better. Besides, it can be seen how another artist, who wrote at nearly the same time, has estimated the effects of this escapement."

To explain these words of Berthoud, it may be said that Jean Jodin, a horologist of repute, had in 1760 published a *Traité des Echappements,* in which he claimed that the good working of the cylinder escapement depended in the first place on a certain harmony of the mobiles. The other artist of whom Berthoud spoke was, doubtless, Lepaute, whose opinion we have cited.

The De Baufre escapement, which Berthoud considers as superior to the Graham escapement, was shown by us in a previous article. This systematic obstruction on the part of Ferdinand Berthoud and other artists was certainly the principal cause of the unfavorable reception experienced by the cylinder escapement in France.

But, in passing, it may be said that Berthoud became afterwards so enthusiastic over the escapement that he employed it in several of his marine clocks, and that for a long time he maintained its superiority over the detached escapement, a new error, from which he was long in recovering.

The Danish horologist Jürgensen applied himself to improving the mechanism contrived by Graham and constructed in 1805 the first cylinder escapements with a wheel of steel. At the outset, in order to avoid the rapid wear of the cylinder, he riveted his wheels in such a way that the plane of the teeth was not at right angles to the staff. Each tooth thus worked at a different height, and the wear was distributed over a larger surface of the cylinder.

The introduction of a new caliber by the horologist Lepine contributed to the development of the manufacture of cylinder watches, and it was then that their superiority over those having the verge escapement was distinctly recognized.

The cylinder escapement will sooner or later be supplanted completely by the lever escapement, the latter being constructed under better conditions of cheapness and interchangeability. It will disappear as the verge escapement has disappeared, but only after a most glorious reign.

We shall not stop to give the theory of the mechanism of the cylinder escapement, any more than we have for those we have described and those we have yet to describe. We shall merely explain its working, with the aid of illustrations showing the different positions assumed by the mobiles during the action.

Fig. 18 explains the construction of the cylinder. The cylinder, properly so called, CC, is formed of a steel shell polished on the inside and the outside. A portion cut away for nearly half the diameter has a certain length in order to form the lips, *e s.* A second cut, "the small notch," *a,* serves for the passage of the rim of the wheel and allows the cylinder to accomplish extended arcs of oscillation without causing recoil to the tooth locked on its interior.

In this cylindrical shell two plugs, T T', are adjusted; these are called the large and the small plug, or the upper and the lower plug. Each bears a short staff, at the extremity of which a pivot is formed. On the outside of the cylinder and on its upper part, a brass piece, A, is adjusted. This is called the boss or seat, on which, at *b,* the balance is placed, and at *r* the collet of the spring.

(To be continued.)

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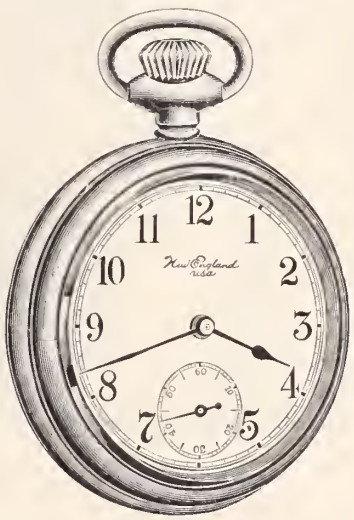
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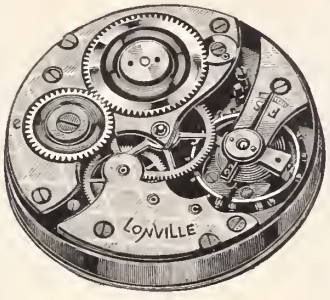
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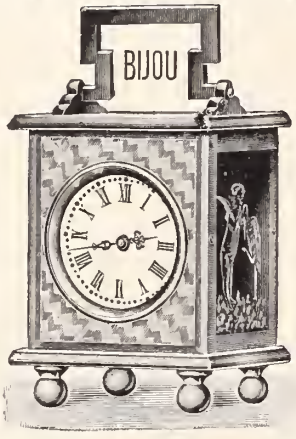
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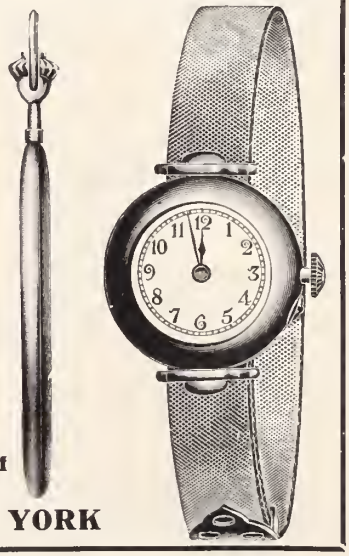
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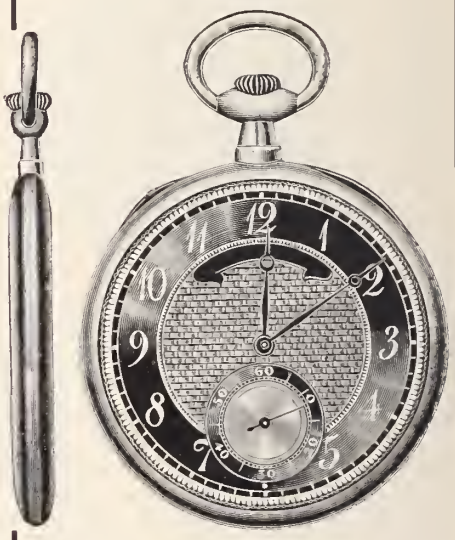
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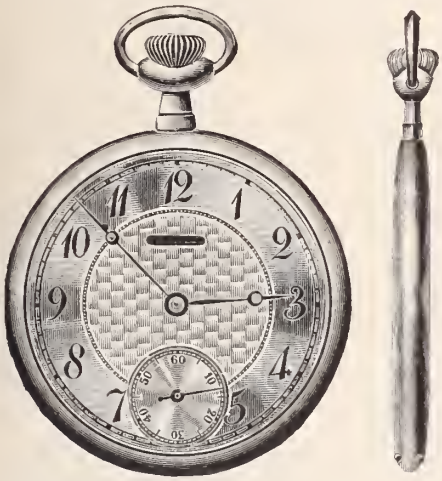
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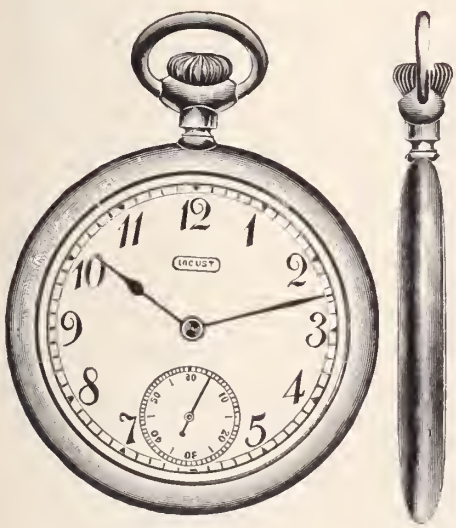
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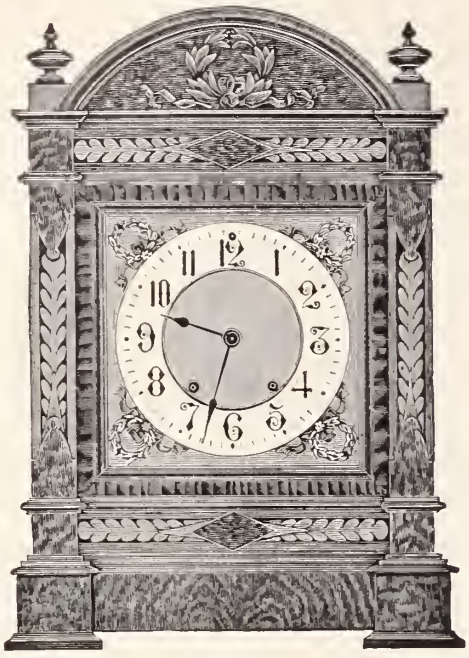
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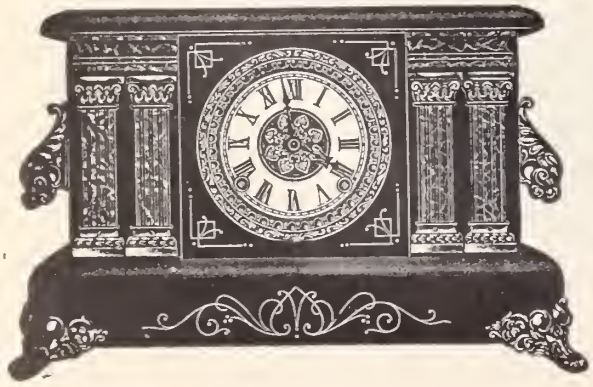
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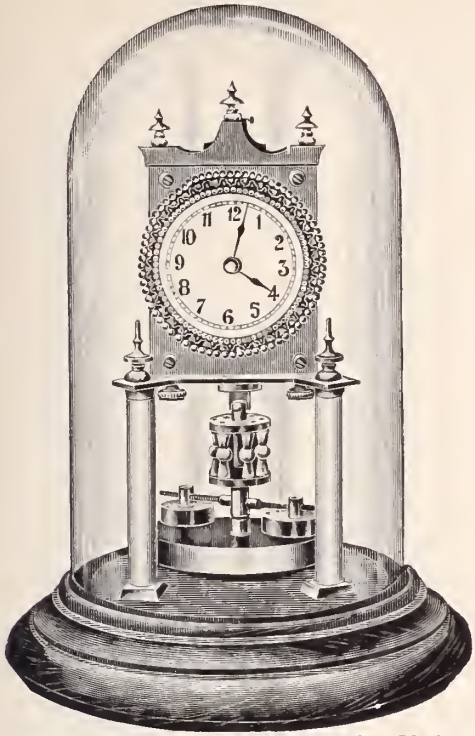
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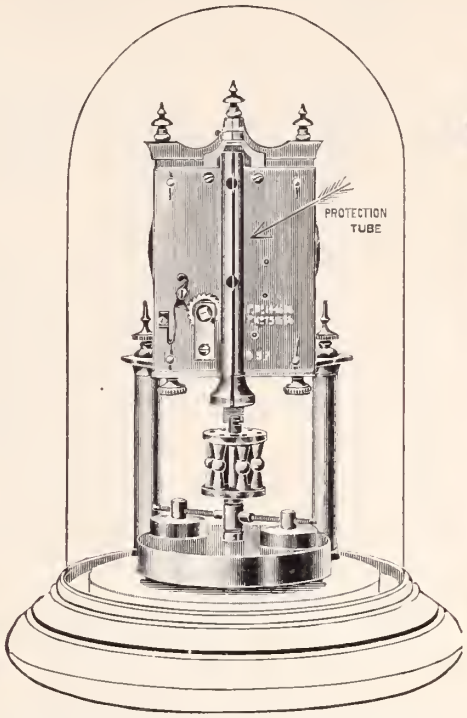
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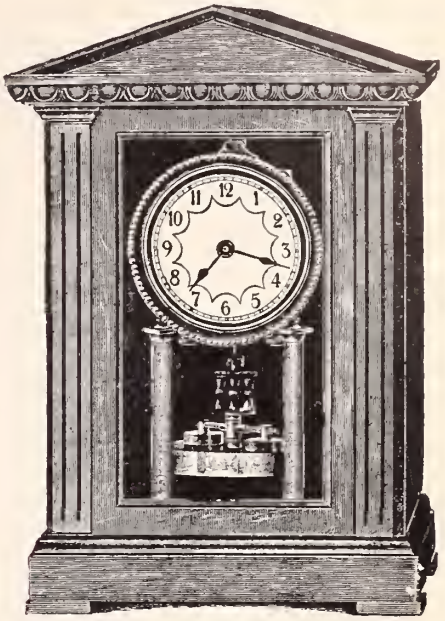
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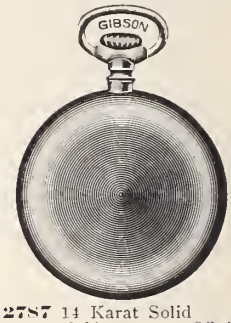
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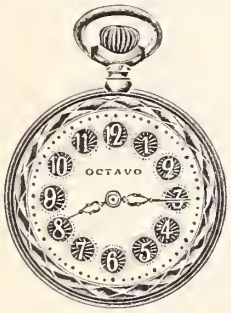
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2784 9 Karat Solid Gold **5.00**
Solid Gold open face, light weight, plain polish case, nickel cylinder movement, white dial, raised colored enameled figures, red, blue, green, etc.



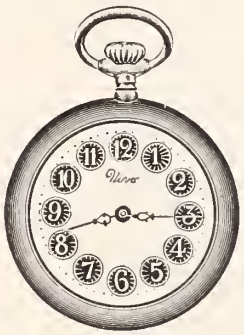
2787 14 Karat Solid Gold **$6.40**
2788 9 Karat Solid Gold **4.75**
Solid Gold, open face, light weight, plain polish case, nickel cylinder movement, tinted ivory dial, shaded in light colors.



2698 Silver open face, chatelaine, octagon bezel and back, engraved or engine turned, fancy dial, raised colored figures.**$4.00**



2702 Silver, Htg. chatelaine, octagon border, plain center, extra heavy, engraved, engine turned, or plain polish.....**$3.85**



2708 Silver, open face chatelaine, bassine, snap back and bezel, white dial with raised colored enameled red and blue figures. **$2.25**



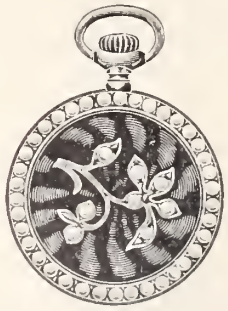
2700 Silver, open face, chatelaine, black oxidized, arabesque, engraved, jeweled pendant set, white and tinted dial.....**$4.75**



2701 Silver, open face, chatelaine, black oxidized, arabesque, engraved, jeweled, pendant set, gold and silver dial.....**$4.75**



2736 Open face, chatelaine, transparent colored enamel on silver, pearl border and bezel, hand painted, brilliantly tinted miniature in red, blue, green and turquoise. Cylinder movement, pendant set. Gold filled center, pendant, bow and crown. **$4.75**



2734 Open face, chatelaine, transparent colored enamel on silver, pearl border and bezel, assorted pearl designs set in white background, red, blue, green and turquoise. Cylinder pendant set movement. Gold filled center, pendant, bow and crown. **$4.00**



2728 Open face, chatelaine, transparent colored enameled on silver, pearl border and bezel, solid gold inlaid decorations, brilliant designs, red, blue and turquoise. Jeweled cylinder movement, pendant set. Gold filled center, pendant, bow and crown.....**$4.75**

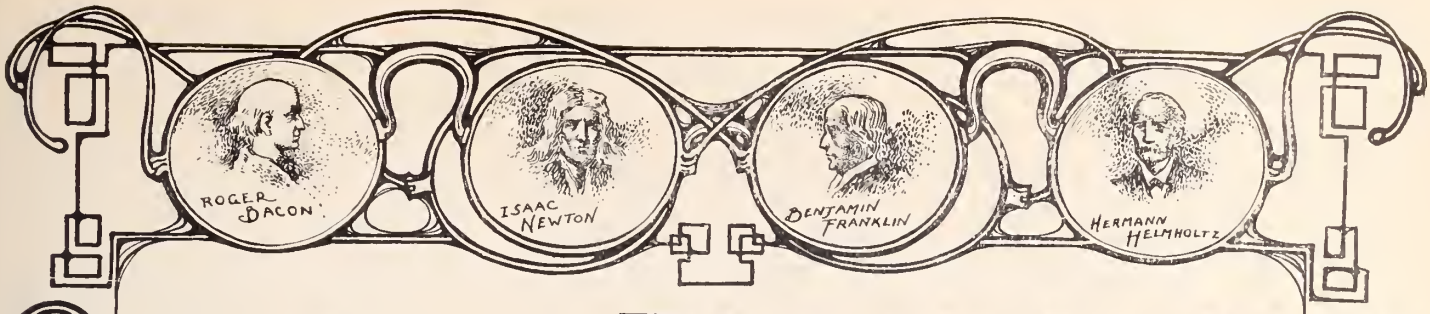


2739 Open face, chatelaine, transparent colored enamel on silver, solid gold inlaid designs, red, blue, green and turquoise. Nickel cylinder movement. Gold filled center, pendant, bow and crown **$3.50**



2740 Open face, chatelaine, transparent colored enamel on silver, hand painted, brilliantly tinted miniatures in red, blue, green and turquoise. Cylinder movement, pendant set. Gold filled center, pendant, bow and crown. **$3.75**

ALL QUOTATIONS SUBJECT TO 6 PER CENT. DISCOUNT ONLY



OPTICAL DEPARTMENT

A Study of Convergence and Its Defects, Including an Analysis of 441 Cases of Exophoria.

(Extract from a paper by WENDELL REBER, M.D., Philadelphia, Pa., in the *Journal of the American Medical Association.*)

(*Continued from issue of Oct. 17.*)

A WORD as to the proportional relation between prism divergence and prism convergence. In 1895, Risley stated his belief that muscular asthenopia frequently proceeded from disturbance between the relation of adduction to abduction, which should be as 3 to 1. This was based on results obtained with the rotary prism. Some time earlier Noyes had spoken of 5 or 6 to 1 as the normal relation. Following Risley, Bannister went over 100 United States Army recruits, and, using separate prisms from the trial case, came to the conclusion that "there exists in healthy eyes no positive definite relation between prism convergence and prism divergence for distance, and that it is not correct to claim that such eyes should, without practice with prisms, show at six meters a ratio between these functions of 3 to 1 or 6 to 1 in favor of convergence, not permitting abduction to fall below six."

Naturally, much depends on the way in which the tests are applied. Convergence is a variable elastic quantity. Prism divergence is a fairly constant one. It would seem wise, therefore, first to test the prism divergence, gently leading the patient along by having him close his eyes from time to time and open them suddenly, with the purpose of arriving at his greatest possible prism divergence, then closing and resting the eyes for a few minutes before estimating the prism convergence. This was the method employed in the subjoined series of 121 exophories in whom it was found that prism divergence was in excess 12 times; prism divergence and prism convergence were equal 10 times; the relation of prism convergence to prism divergence was as 1½ to 1, 30 times; as 2 to 1, 41 times; as 2½ to 1, 19 times; as 3 to 1, seven times; as 4 to 1, twice.

Bannister's figures appear to be very good ones to work from, as they are based on methods largely in use in ophthalmic offices the country over. As compared with them, it will be seen that in exophoria the relation of prism divergence and prism convergence varies in so confusing a manner as to attach little value to their relative behavior. Estimation of the near-point exophoria and convergence near point are more essential. Necessarily the amount of prism convergence in a case of exophoria is always of interest; for instance, if a patient's distance vision begins to blur when a six, eight or 10 degree prism is placed base out before the eyes, the inference that their prism convergence is defective and that they have not learned to dissociate their accommodation and convergence is entirely justifiable.

In Table 7 the average exophoria in the various States of refraction is shown, and we here find food for thought:

TABLE 7.

	Cases.	Average exophoria.
H + Ah and allied conditions..	319	2.5°
M + Am and allied conditions	90	3
Ahm	17	3°
Amh	17	4°
Antimetropia	31	5°

In H + Ah as it commonly occurs stereoscopic vision is usually very little, if any, hindered, and the average exophoria associated with it is but 2.5 degrees. In antimetropia (the so-called anisometropia) where dioptric inequality between the two eyes ofttimes interposes a weighty hindrance to smooth, easy stereoscopic vision, the average exophoria rises to five degrees. In other words, when there is sufficient obstacle to the performance of stereoscopic vision the eyes tend toward the position of anatomic rest, which is a heritage to us from our forebears for countless generations. Exophoria thus reveals itself as a reversion to a lower type and may justifiably be considered an atavistic phenomenon, as claimed by Lindsay Johnson, Pohlmann, LeConte, Jackson and others. The data here given lend firm statistical support to that contention.

As to symptoms, 200 of the 441 cases here catalogued presented symptoms of muscular asthenopia persisting after careful correction of their refraction. Of these 200, 173 exhibited headache, the frontal type predominating in 102, the occipital in 60, the temporal in 11; while 140 gave testimony as to more or less vertigo, especially after near work. Ocular fatigue and ache were present in 153, ocular tenderness in 98, conjunctival irritation was complained of in 121, low-grade photophobia in 130. Nausea seems fairly well related to the exophoria 72 times, and drowsiness after near work was almost invariable, as was also picture-gallery and after-shopping fatigue.

Gastric reflexes showed etiology related to the exophoria in 23 cases in an unmistakable way. By gastric reflex is meant the nameless vacant sensation in the epigastric region so perfectly described by DeQuincy in his "Confessions." That a certain proportion of exophorics (who overcome their exophoria) have this reflex is indisputable. Two cases presented intractable superior dental neuralgia (with teeth in the most perfect condition) that yielded to prisms, bases in, for permanent use. Another case exhibited the complete picture of acute glaucoma that subsided within three days after the incorporation of prisms, bases in, in distance correction.

Treatment.—The treatment of exophoria calls for about as nice discrimination as any problem in medical practice.

First of value I would place right living, hydrotherapy and abundant sleep; second, the most painstaking refraction; third, convergence training. This may be of various kinds, but I have resorted mainly to two kinds, namely, converging exercises on a pencil from arm's length in toward the root of the nose until the convergence near point is reached and the patient sees double. This was invariably prescribed to every exophoria. Pencil converging exercises to the left and right (as suggested by Duane) was of service in a few cases.

The second element in convergence training is by means of prisms, bases out, according to the method popularized by Gould as "weighting the convergence stimulus." The patient is given a pair of five-degree prisms in a frame with which he walks toward a candle flame, placed at the far side of the room. The prisms are raised as he goes toward the light. As soon as he reaches it the prisms are dropped before the eyes and he backs away from the light, gazing steadily at it all the time. Should the light be seen double the patient immediately retraces his steps and again backs away from the light until he goes the entire length of the room, holding the candle light single. This is done from 10 to 15 times, two or three times daily. After a week 10-degree prisms are ordered to be used in the same way; in another week or two 15 degrees or 20 degrees, according as the patient rapidly or slowly learns the trick of dissociating his accommodation and convergence. This method is of value in all exophorics.

Prism exercises were resorted to in this manner in 147 of the 200 cases as the sole optical treatment aside from the wearing of a proper correction; in 26 more the exercises were employed in connection with the use of prisms, bases in, in the patient's distance correction; and in 27 more in connection with the use of prisms, bases in, in the patient's reading glasses.

(4) *In Prisms, Bases In, for Permanent Use.*—The use of prisms, bases in, to be incorporated in the patient's distance correction, has been deprecated by various high authorities. Their chief (and almost unanimous) contention has been that the

Optical Department.

exophoria for infinity increases under the use of such prisms. That this is true, within certain limits, must be admitted; and yet in anatomic exophoria when proper correction of the ametropia has failed to relieve, and attempts at training the convergence have been poorly borne, the trial of prisms, bases in, in an extra or hook-front experimentally seems to me entirely justifiable.

In cases so selected it will be found that when convergence has been made somewhat easier to the patient by the use of rest prisms, the convergence may then be trained to a very considerable point, and the convergence for infinity thus kept from increasing. This was my experience in 17 out of 42 cases in which prisms, bases in, were ordered for constant use. It is no more surprising that the exophoria should increase in these cases of anatomic exophoria than that a patient should gradually manifest more and more of a latent hypermetropia as plus lenses are skilfully crowded on his eyes. And I believe there are few cases of anatomic exophoria (due to orbital peculiarities, insertional anomalies, etc.) in which there is not a considerable element of latent exophoria unrecognizable with the Maddox rod because of the overwhelming fusion impulse in such individuals. For such patients I know of no test comparable to the cover test if employed as previously described.

It is as wrong to order prisms, bases in, for permanent use without soon after training the convergence to the highest possible point as it would be to rest an inflamed joint and then not exercise it afterward. Many of these patients have a splendidly developed convergence, but it is because of their excessive use of it all day long in overcoming their exophoria that they have their symptoms.

A class of patients for whom convergence training is even more plainly indicated are the exophorics who present but one or two degrees of deviation for infinity with anywhere from 10 to 15 degrees' deviation at the reading distance (prism divergence being normal). These patients respond finely to convergence training as a rule. There is, however, a small outlying percentage in whom it will be found necessary to supplement convergence with prisms, bases in, in their reading glasses only (these patients are mainly presbyopes) before they become entirely comfortable in near work. In 45 patients for whom prisms, bases in (or decentered lenses), were used, there were ordered prisms correcting one-quarter of the infinity exophoria in five; one-half of the infinity exophoria in 10 cases; the full amount of the infinity exophoria in 10 cases; more than the full amount of the infinity exophoria in 12 cases, with uniformly good results.

There may be room for doubt as to the wisdom of ordering prisms for constant use, but one need not hesitate to order prisms, bases in, for use in reading glasses only if the divergence for the near point exceeds 10 degrees. From one-third to one-half of the deviation for the near point will usually be gratefully accepted.

(To be continued.)

Eye Diseases Which the Optometrist Should Recognize.

(First of a series of lectures delivered before the O. S. C. N. Y., by E. LeRoy Ryer.)

(Continued from issue of Oct. 17.)

Membranous Conjunctivitis.

Nature of the disease—

Such a case is quite similar to purulent conjunctivitis, except that a false membrane is formed on the conjunctiva, sometimes on that of the lids, other times on that of the eyeball.

How to recognize it—

There is no necessity for the optometrist differentiating between this and the purulent form. The discharge is at first watery, then flaky, then mixed with blood and finally purulent. Any discharge may be looked upon with suspicion.

Cause—

Microbe infection from croup or diphtheria.

What the optometrist should do—

Do as you would with a case of purulent conjunctivitis—that is, get it into medical hands at once, if possible. Guard against infection.

Trachoma or Granular Conjunctivitis.

Nature of the disease—

The chief feature of this disease is an overdevelopment, over growth or hypertrophy of the conjunctiva, and the appearance of small grain-like bodies on the membrane. It is generally believed to be contagious. It may assume three forms, namely, papillary, granular or mixed.

How to recognize it—

The eye has a number of papillæ, small nipple-like projections. In papillary trachoma these will be greatly enlarged, and the conjunctiva will be greatly over developed or hypertrophied, as it is technically termed.

Granular trachoma may be recognized by the appearance of small yellowish or grayish granules in the conjunctiva.

Mixed trachoma, which is the form usually seen, shows a hypertrophied conjunctiva as well as the granular surface.

Cause—

Trachoma is thought to be caused by microbes, but this is not fully proven. Some believe it is not contagious. Sanitary conditions may be responsible for it.

What the optometrist should do—

Advise medical treatment. Avoid infection. Cleanse and sterilize any instruments you may have used on such cases. The patient should be informed that the disease is a dangerous one, difficult to cure, and often relapsing time and again until vision is entirely lost.

Follicular Conjunctivitis.

As this is almost identical in appearance with trachoma, the optometrist should not attempt to differentiate them. There is a distinct difference, but the optometrist should assume the worst to exist and order medical treatment. This is the disease that was so prevalent in schools not long ago. It was called trachoma, but trachoma always injures the conjunctiva, while this does not. However, take no chances.

Vernal Conjunctivitis or Spring Catarrh.

Nature of the disease—

It attacks a person when the warm weather begins, hence its name, and usually disappears with the first frost. It comes back year after year. It very seldom, if ever, leaves any bad results.

How to recognize it—

The conjunctiva lining the lids will be abnormally filled with blood and the swollen papillæ assume a flattened, rectangular shape. The ocular conjunctiva is also apt to be abnormally filled with blood—that is, hyperemic. The patient will complain of a pricking pain, itching and heaviness of the lids, and photophobia (dread of bright light).

What the optometrist should do—

No remedy has yet been discovered that is of any service.

Dark glasses, or the proper refractive correction, protect from dust and wind and may with safety be given, but the physician should be consulted, to determine positively whether or not the case is purely one of vernal conjunctivitis.

Pterygium.

This is easily recognized, consisting of triangular over-growth of conjunctiva. The apex of the triangle always points toward the cornea, and the base may be in or out. In rare instances an eye may possess two pterygia. It takes years to develop and seldom encroaches very far on the pupillary area. It may cause astigmia by drawing on the cornea. It is usually found in those who are much exposed to wind and bad weather, as locomotive engineers and seamen. There is still dispute as to how it originates. It can only be treated by operations, so it does not concern the optometrist, unless it causes astigmia, when he should correct this refractive error with lenses.

Pinguicula.

This is a little yellow elevated spot often seen near the margin of the cornea. It is of no importance optometrically, or medically, but as it occurs frequently the optometrist should be familiar with its name and nature, so as to answer the questions concerning it that a patient will ask.

Symblepharon.

Here the lids grow to the eyeball. The treatment is operative and does not concern the optometrist. Burns are very apt to be the cause, so persons presenting themselves with burned conjunctiva should be warned of the danger and sent to an oculist, not a physician in this case.

Sub-Conjunctival Ecchymosis.

Hemorrhages of this kind under the conjunctiva signify little in children, but in adults they portend weak blood vessels and possible hemorrhages elsewhere, which might result seriously. Hot applications tend to hasten the absorption of the clot. The possibilities should be suggested to the patient, and a thorough medical examination advised. Glasses may be given for refractive errors independently.

Morbid Growths in the Conjunctiva.

If the optometrist should discover any growth in or about the eye, the patient should be apprised of the fact and told to seek medical advice.

(To be continued.)

Optical Department.

Amblyopia in High Astigmia.

ANY one who has examined cases of high astigmia 3.00 dioptries or more, has noticed that the accompanying low vision usually cannot be improved to any considerable extent with lenses. Vision may be extremely low in myopic cases, but the refractive correction immediately brings out the normal line of test letters; this is also true of hypermetropic cases, and it seems strange and is a source of perplexity to the uninitiated that a 16.00 dioptry myopic eye can be made to see normal, while a 4.00 dioptry astigmatic eye cannot.

It is not the aim of this article to go minutely into the cause of this condition, but to offer a suggestion as to the mode of procedure to follow in such cases.

The essential point to be kept in mind is that these cases should not be classed as strictly amblyopie. The visual acuity is low, but this is not due to inherent defects by the retina or optic nerve, but rather to the fact that, on account of the indistinct retinal images that such an eye has been receiving, the retina loses, we might almost say, the "knack" of properly interpreting keen visual sensations; thus, when a distinct retinal image is created by a properly adjusted dioptric media, as when the astigmia is correcteed with cylindrical lenses, the retina is incapable of transmitting a perfect result.

Such cases are not uncommon and present excellent opportunities to optometrists to accomplish good results and afford the patient invaluable benefit. It is such cases that show the dividing line between the accomplished and the unfinished optometrist. Subjective tests in these cases are of no practical value, the results, on account of low visual acuity, being necessarily negative. The proper method of caring for such cases is, briefly, as follows: Correct the case fully with your skiascope; corroborate this with the ophthalmometer; if vision be low and the error about the same in each eye, order the full skiascope correction or no less than three-quarters of the full correction to be worn constantly.

Eyesight and Marksmanship.

SOME curious researches have recently been made by French army surgeons on the relationship between good eyesight and good target practice, says a writer in the *Youth's Companion*. At first glance one would say that the two things must invariably depend the one upon the other. But the facts lead to a different conclusion. At least, they show that one may have very defective eyesight and yet be a very accurate marksman.

Astigmatism, myopia and other defects of vision may exist in a marked degree without destroying the ability to aim and shoot straight. In the French and German armies soldiers are permitted to shoot from the right or the left shoulder, according to their own preference, which is often guided by the superiority of one eye over the other. Accuracy of judgment counts for as much as acuteness of vision with the good marksman.

The Question of Examination Fee.

NEW YORK, Oct. 17, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

This ever-recurring question has finally assumed such proportions as to force every optometrist to give it careful consideration.

The progress of the idea that a fee should be charged for each examination has gained ground with such extraordinary rapidity that it seems destined to become a settled condition in the very near future.

The opinion at first prevalent in optometrical circles regarding the charging of an examination fee was that the public would not take at all kindly to such an innovation, but a sufficient number of distinctively representative optometrists commenced to charge a fee entirely apart from the cost of the glasses furnished, and the movement has met with signal success.

The average customer balks at first, but this need cause no alarm, inasmuch as he objects solely because it appears unfamiliar to him; he has not been in the habit of looking at it in that light. However, when the optometrist explains his position, the patient invariably feels the truthfulness of the argument and considers himself far more than repaid in the feeling he has of greater confidence in the man under whose care he has placed himself.

Whether or not one can increase each sale by the amount of the examination fee is an open question; that is, if he has been getting $5 for gold-filled goods under the "examination fee" system, it is a question whether he can add, say, $1 for examination, makthe total price $6, or whether he should still get only $5, but with the understanding that $1 is for the examination and $4 for the glasses. Thus each man must work out for himself, but, however this may be, he may rest assured that by making a specific charge for examination he will increase the quality of his practice, if not the volume of his receipts. And does it require a very long look ahead to perceive that an increase in quality of one's practice is bound in time to create an increase in one's income?

To charge a fee for one's services enhances the value of those services in the eyes of the public; this, in turn, creates greater confidence, and confidence on the part of his patients is the optometrist's most valuable asset.

George T. Sullivan, Fitzgerald, Ga., has taken charge of the watch and jewelry departments of the Waynesboro Drug Co., Waynesboro, Ga. Mr. Sullivan was formerly a watch inspector for the Seaboard Air Line Railroad.

The friends and relatives of Chas. L. Mann are much concerned about him, many believing that he was either drowned or perished during the recent flood at Bears Point, Fla., to which place he had gone from Pensacola, Fla., with his family.

The case of C. Twombly, charged with breaking into the store of S. Polimer, Portsmouth, N. H., July 3, 1905, and stealing $300 worth of jewelry, was heard in the local police court Thursday. After hearing part of the testimony the case was again continued in order that witnesses for the prosecution could be brought to the scene of the robbery.

Illinois State Optical Society to Meet in Chicago, Oct. 29.

THE regular annual meeting of the Illinois State Optical Society will be held in Chicago, in rooms adjoining the president's office, 181 W. Madison St., corner of Halsted St., on Monday, Oct. 29, at 2 P. M. At this meeting there are to be elected regular officers and one member of the Board of Regents, in place of Mr. Wurstman, whose term expires on that date. At the same time and place the Board of Regents of the society will meet, by arrangement in the morning and evening, for the purpose of conducting an examination of applicants for membership in the society, and to pass upon their qualifications for membership. At this meeting and examination membership is restricted to those who pass a satisfactory test examination before the board, and demonstrate their qualifications as practical refractionists, as provided for by the revised constitution.

The coming examination, like its predecessors for the year, will be strictly along practical lines, but future examinations will undoubtedly become more rigid as time goes by.

Old members who desire to retain their connection with the society and who have not thus far complied with the new conditions, have been notified that their names will be dropped unless they do so. The president of the society is Geo. A. Rogers; secretary, O. J. Halbe.

Optical Notes and Briefs.

C. E. Barto, of Dallas, Tex., is about to open an optical office in Denver, Colo.

Clem Flitton, Detroit, Mich., has taken charge of the optical department of T. L. Combs & Co., Omaha, Nebr.

Walter Spencer, of the Huteson Optical Co., Omaha, Nebr., is at present visiting his mother in Denver, Colo.

S. C. Jones has returned to Watertown, N. Y., where he has started in the optical business at 18 Savings Bank building.

Parker & Phillips, opticians, 802 Houston St., Fort Worth, Tex., have dissolved partnership. The business will be continued by H. B. Phillips.

Elwood Riggs, formerly manager of the Columbian Optical Co., Omaha, Nebr., was in that city, visiting old friends last week. Mr. Riggs is now located at Southbridge, Mass.

The San Francisco Optical Co., San Francisco, Cal., has decided to put in a complete stock of jewelry. The managers have just put in a number of new show cases. The store will be enlarged.

The Southerland Optical Co. has been incorporated in Charlotte, N. C., to do an optical business with a capital stock of $10,000, of which $3,000 is paid in. The incorporators are: Odell Southerland, B. A. Southerland and Edgar O. Puett.

Fred Haley, optician, San Francisco, Cal., came near losing his life a few days ago. In company with another man he was out rowing when the skiff overturned. The two men succeeded in holding fast to the overturned boat, but were nearly exhausted when, at the end of two hours, they were rescued by a fishing party.



Be on the alert for the issue of The Jewelers' Circular-Weekly of Nov. 7, when an original window display for Thanksgiving will be published in this department.

The Most Logical and Scientific Method of Marketing a New Product.

Written Expressly for the Jewelers' Circular-Weekly by "G. K."

A MANUFACTURER making an article to sell to high-class trade naturally wants to distribute it through high-grade stores. To do this he must in some way or other bring his proposition to the notice of the merchants whom he wants to reach.

There are several ways for him to do this; one way is to circularize all prospects with letters, describing his goods and giving information about the campaign he intends to inaugurate. As a rule circular letters are simply glanced at and deposited in the waste basket.

Another way is to send out a catalogue. This may be looked over and then filed in a drawer, or more likely in the basement, for future reference. Still another way, and without doubt the best and least expensive, is for him to use the trade journals which the merchant receives and reads every week. Why not distribute the catalogue or other information in this way, and be sure that it has reached the man for whom it was intended?

Consider the cost of a catalogue, the printing, binding, expressage or postage and it will amount to a great deal of money. Take a fraction of this money and purchase two, three or more pages in the merchant's trade journal, and give him trade news about your goods, such as your salesman would give if he called and ran the risk of not securing a hearing.

As a matter of fact most manufacturers do not appreciate the value of the trade journal. When they do they will be able to reduce their selling expenses, secure more accounts and will not require a large traveling force, such as is necessary at the present time. By using several pages in the trade paper the manufacturer would reach the merchant when he is in an approachable mood, and can give him facts, figures, etc., and show him illustrations of the goods and at the same time can offer to send samples for inspection, if desired.

Having reached the merchant and informed him about the goods to be introduced the manufacturer can force the demand by means of the general magazines. If he attempts to do this before the educational campaign with the retailers the results will not be as profitable as by the other method.

Recently a large silverware house used extended space in several leading woman's journals to introduce and stimulate the demand for its product. This campaign from all accounts, was a success, for in three weeks from the time the first advertisement appeared over 400 persons sent a dollar apiece for the sample spoon offered at that price. This sample is a very pretty one and no doubt creates a favorable impression wherever it is received.

But it is a question whether this manufacturer did not lose a great opportunity when he failed to consider the retail jeweler as a part of his plan to distribute his wares.

True, he sent the samples in care of the retail jeweler mentioned by the inquirer, but the retailer was not previously well informed concerning the arrangement, and naturally seemed a little bored at the method employed. The object of this advertising was to stimulate the demand on the part of the consumer, so as to show the jeweler the advantage of carrying goods in stock for which the demand was being created.

The plan was an excellent one so far as it went. The prospective purchasers were given the reasons why this silverware was better than others so they would insist on having it and no others when they visited the stores of their jewelers. Here is where the plan was incomplete. Instead of the jeweler meeting these inquiries with full information and enthusiasm, he was obliged, in many cases, to reply that he was unfamiliar with the goods. That in itself would be enough to discourage any insistence for the article, for if the particular jeweler in whom the purchaser had confidence did not know the goods and could not recommend them she naturally would not care for them sufficiently to ignore the others the jeweler had to sell. The jeweler's co-operation could have been secured inexpensively through the leading trade papers, and he would have been ready to supply all demands.

Instead, possibly the first intimation he had of the campaign was the occasional call for the goods or the possibility of seeing the advertisement in the magazines. The natural result of this oversight is that many jewelers did not take kindly to the way they were being forced and would have nothing to do with the proposition. Of course, they courteously handed the samples to their patrons, but this was done for the patron's accommodation and not with any thought of co-operating with the manufacturer. As a result, a number of hardware stores have the goods in stock, and the average person wanting something above the ordinary in the silverware line will not go to such a store for it.

The writer was interested in this advertising, and called to examine the stock of this ware in the hardware store to which he was referred. Imagine a small glass counter case containing several packages of spoons, already badly tarnished, laying on top of the manufacturer's boxes and in a dark part of the store. The attending clerk—not salesman—was asked concerning this silverware, and in response to inquiries replied that he "did not know." When asked whether the manufacturer did not send them any literature, the reply was in the negative. Now imagine a man trying to sell something about which he knew absolutely nothing.

You'll not find that condition in a jewelry store when it comes to the matter of silverware, and for that reason, if no other, the retail jeweler should be the distributing agent.

Such occurrences as the above mentioned should convince manufacturers of high grade articles that they should be sold only through high grade stores by salesmen who know and appreciate a good article when they see it. The way, however, to secure the hearty co-operation of such firms is through their trade papers first, and then by creating the demand through the general magazines.

Ryrie Bros., Ltd., Toronto, Ont., gave their annual Fall exhibition about a week ago. The large store was beautifully decorated with flowers, palms, ferns and colored electric lights. A striking novelty was the brilliant effects produced by changing lights of different colors from tinted electric bulbs of a large lamp. The display attracted great attention.

Storekeeping Department.

How the Jeweler Can Meet the Competition of the Mail-Order House.

(*Continued from issue of Oct. 10.*)

IF every store in your city would make it a point to collect news items in this way you can readily see what a mass of local news could be accumulated for each issue, and how eagerly the paper would be looked for. You cannot, of course, control the actions of other retailers, but you can your own, and you will be surprised at the amount of benefit which your own business will derive from such a policy in the course of a year, to say nothing of the benefit which will accrue to your city in general.

Do not expect to reform the world in a moment. The mail-order houses have been working for years to get things their way. Work steadily through your local paper, and you will gradually see results.

It is high time the associations and individual merchants of this country were taking part in the enforcement of the new rate law, if they do not want the mail-order houses to continue to hold the advantage they have already gained with the transportation companies. A careful reading of the following news item, which recently appeared in a Kansas City daily paper, will show the need of immediate protest:

"A too strict interpretation by the United States Express Co. of the new rate bill has lost that company some very important business, which it is now making desperate efforts to recover. Before the new rate bill went into effect it was customary for the United States and other express companies to carry various packages from the big department stores, destined to one point, with separate addresses, in large hampers, charging expressage on the weight of the hamper. Its attorneys decided that this was illegal under the new rate bill, and the company issued notices than on and after Tuesday last, the day the new rate bill went into effect, this practice would be discontinued and the usual package charges would be collected on every package in the hamper. The department stores at once transferred their business to the Adams and other express companies, which had continued under the old arrangement. Seeing their business slipping away, the United States promptly rescinded the order and is making efforts to recover the lost business."

Now, do not wait for some one else to make this protest, but do it yourself. Write to the Interstate Commerce Commission, Washington, D. C., and ask that they investigate the matter for themselves, as this makes unfair competition for you.

There must be quite a percentage of profit to a mail-order house from this source. Suppose they have 10 small packages to go to one town, on which the minimum charge would be 25 cents. The total weight of the 10 packages would amount to less than 100 pounds, and all would probably be carried by the express company for 75 cents or $1, under the above agreement. The profit to mail-order houses from this source alone would be very satisfactory, for they charge the customer the regular prepaid express rate.

This is another case of a transportation company wanting to play fair to all parties and comply with the law, but it was forced to again take up the old practice because other companies continued it. Retailers will find it greatly to their advantage if they will take more interest in such matters and stand for absolutely a square deal in transportation charges, with no special favors. That plan will place all on a basis of equality, and another difference in the cost of goods in favor of the mail-order house will be eliminated. Unquestionably there are many such practices on the part of transportation companies which should be corrected, but the retailers must themselves take up this work. The matter is of the most interest to them; if they cannot weed out unfair practices and call the attention of the Interstate Commerce Commission to them there is no use expecting outside parties to do the work in their behalf.

Each reader should do his part to call attention to the above abuse, and should then try to locate other bad practices in the transportation line, for they are numerous, and it will probably take years to eliminate all of them. The machinery of the law stands ready for action, but you must start it yourselves.

If you will make a new resolution to-day and live up to it you can do a great deal toward holding your home business at home and shutting out mail-order competition, and this is the resolution: I will no longer pay attention to what my customers say about my competitors, but will cultivate my competitors' acquaintance myself, so I can use my own judgment as to their good and bad qualities. After you make this resolution, take this article and show it to your fellow merchants, so they will understand your position, and you will find most of them ready to co-operate with you. A family divided against itself is worse than no family, and the very same thing applies to a town.

You can do many things to keep the mail-order houses out of your territory, all by yourself, but with the co-operation of all the merchants in your town you can do more. You have probably wished many times that some one else in your city would make a move to get a better understanding among the trade, but you will find that the only way to start something of this kind is to get right out yourself and talk to the balance of the retailers.

Your customers have told you hundreds of things in the past months that the other retailers have said about you, but you need pay no attention to that, for 99 per cent. of it is not true and the other 1 per cent. can be easily explained away. Your customers think that it is necessary to keep the merchants of your town on bad terms with each other in order to make competition more fierce. They tell you that other merchants are selling for less, then they go to the competitor and tell him that you are cutting prices. You will find out all these things when you become really acquainted with the other retailers. You will also find they are loaded with good ideas about holding trade at home, and if you can only meet at regular intervals you will soon be laying plans for the upbuilding of your own town, the establishment of new enterprises, etc., to attract trade and furnish employment for labor. You can all get together on advertising matter which can be placed in every house in the country, calling attention to the advantages of your town as a trading point, as compared with other surrounding towns, also telling them what you are doing for the people, and what good citizens should do for you, so the entire country can work in harmony and upbuild itself, instead of one side trying to tear down what the other side has built up. F. A. P.

(*To be continued.*)



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[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1688.—**To Bend Hairsprings' Overcoil.**—*What is the best and easiest way to bend the overcoil on hairsprings? How can I ascertain their right length?* *R. B. F.*

ANSWER:—As you have to fit a Breguet balance spring as an occasional job only, it will not be necessary to supply yourself with a special tool (which cannot be purchased). Two pairs of tweezers, as shown in A and B (Fig. 1), are generally sufficient. After bending the outer coil of a balance spring upward, and for the bending the Breguet coil in its circular form, a pair of tweezers with one end or point filed round inwardly, and the other point filed round outwardly, to fit the inward shape, the job may be done very nicely. The bending of the outer coil upward should generally be done opposite the point of attachment at the collet. The Breguet bend should represent about three-quarters of a turn, of which one-quarter of the turn is intended for the regulator pin. The right length is according to the momentum of the balance and has to be ascertained by trying or imitating the old spring. The height of the Breguet bend has to be adjusted as shown in Fig. 2 herewith.



FIG. 1.

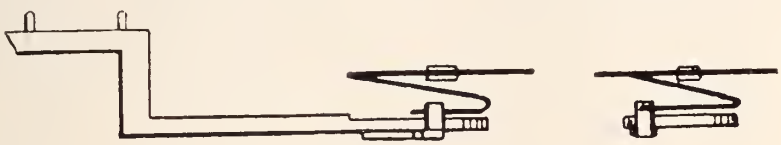


FIG. 2.

QUESTION No. 1689.—**Coloration of Jewels by Radium Rays.**—*What effect would radium rays have on diamonds or other jewels?* *C. J.*

ANSWER.—A. Miethe has found that an unexpectedly large number of jewels change their color under the influence of radium rays from strong preparations. It has been known for some time that glass is colored brown or violet, and the chlorides of potassium and sodium brown or yellow. Speaking generally, the color is changed most easily in the more transparent stones. The author used a preparation of 60 milligrammes of radium bromide. A colorless diamond from Borneo was colored a light yellow after three days, and a decided lemon yellow after another eight days. Upon heating the diamond to 250° C., the yellow color was diminished, but it could not be entirely gotten rid of even at a red heat. A colorless Brazil diamond showed no coloration. A peculiar behavior was shown by a light blue sapphire from Ceylon. After only two hours' exposure to radium bromide it showed a coloration, green at first, then light yellow, and after a few more hours reddish yellow. After a fortnight it was dark yellow, or nearly chestnut. The color would be eliminated by heating, but the light yellow color always returned on cooling. Rubies show no change. Tinted tourmalines show little change, but a tourmaline having a pink color at one end acquired a red color at any section by exposure to radium rays, and a tourmaline having a green end acquired a dark green color at any section. Amethyst, blue topaz, and chrysoberyl show no change.

QUESTION No. 1690.—**Soldering Salt.**—*How can I make a good soldering salt that I can use on sheet metal—something that will flow without very much cleaning?* *S. S.*

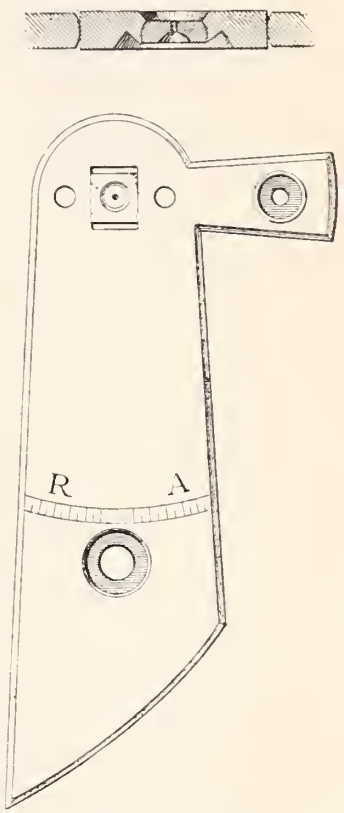
ANSWER:—A soldering salt for this purpose may be made by dissolving one pound of zinc in muriatic acid, adding 22 ounces of salammoniac to the solution and evaporating to dryness. The yield will be 2¼ ounces of the double salt. To use it this is moistened with water, brushed on the surface to be tinned, a little solder laid on here and there, and the surface heated until the solder fuses, when it will flow wherever the salt was placed and unite with the metallic surface.

To Reset a Balance Staff Jewel.

(Translated for THE JEWELERS' CIRCULAR WEEKLY from *La France Horlogere.*)

WHEN a balance staff jewel in the bridge has been reset several times and the setting of such a jewel becomes unsound the replacing of a new jewel becomes impossible. In such a case a conscientious watchmaker generally can only rebush the hole in the balance bridge and make a new setting. Such work is tedious and not always feasible, and consequently the description of a new procedure, originated by P. Perrin, of Apt, which cannot fail to render good results if applied to an old watch by a careful workman, will be interesting.

It entirely dispenses with the old setting and consists in filing in its place a rectangular opening and adjusting in its stead a sort of beveled square cut from an old bridge in which the jewel is in good condition. If this opening has been filed, nicely beveled, the substitute from the old bridge may be gently let in in such a manner that by shifting the jewel it may meet the balance pivot when in an upright position. It goes without saying that the substitute setting holding the jewel should be a little thicker than the thin end of the balance bridge, and that the sides of the opening to which it has been adjusted should be slightly rounded. The accompanying illustration shows the conditions under which the new setting may be secured with a few light blows of the hammer on some intervening tool.



HOW A BALANCE STAFF JEWEL IN THE BRIDGE MAY BE RESET.

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The Pots and Drinking Vessels of Ancient Greece*

A Short History and Description of Some of the Important Classical Shapes Now Used in Pottery and Metal Ware.

(*Continued from issue of Oct. 17.*)

DRINKING VESSELS, ETC.—(CONTINUED).

ANCIENT Greece's most famous form of cup was the *Cylix*. Its name is derived from the fact that it was turned in the lathe. Its bowl was so wide and shallow as to suggest a saucer with two handles. In its most ancient form the bowl is deeper and the handles are located lower down than in the accompanying picture (which is of the middle period). The latest types of *Cylix* had the handles near to or at the brim, and sloping slightly higher than the edge of the bowl. Its stem was ornamented with black figures, and often had no foot. Some in the finest style were embellished, both inside and out, with red figures.

A common and cheap form of cup, called the *Hedypotis,* was used by the Rhodians. A Corinthian potter named Thericles invented another style of cup, which was



CYLIX.

named *Thereclcios* in his honor, and in honor of King Antigonus a special shaped cup was style *Antignonais,* which probably had a pointed base.

The *Labronia,* a cup made from the noble metals, owed its origin to the Persians, and was probably introduced to the Greeks during the Asian conquests of Alexander the Great.

One of the most peculiar and interesting drinking utensils and exceedingly popular with the ancient Greeks, if we may be led by the large number still existing, was the *Rhyton.* When filled this cup could not be set down till its contents had been drunk! It was always of quaint form. In the earlier type it terminated in the head of an animal, but in later stages of style its base was made to depict grotesque features of gorgons and hideous heads of monsters.

No doubt the *Rhyton* originated from the Assyrian and Egyptian *Rhyta,* a similar utensil, but made of metal. Didymus was a noted maker of those peculiar drinking vessels. In one style the *Rhyton* takes on a more elongated horn-like form, has fluted body, and the forepart of an animal is depicted in the shape at the termination. This has a small handle at its side, permitting it to be suspended to a wall. Figured on the necks of these are comic illustrations in



RHYTON.

red on a black background. A later form leaves the part depicting an animal entirely of undecorated terra-cotta.

The *Rhyton* was often moulded.

Another kind has a flat-banded handle and the lip expanding.

Among the animals represented in the *Rhyton* extant are: Horses, goats, Pegasi, panthers, hounds, gryphons, sows, rams, mules, dragons, deer, horses, asses, cats and wolves.

A curious discovery made at Bernay leads one to suppose these cups were hung around a stand, when not in use, and thus figured on a buffet in similar manner to the present racks on which wine glasses are suspended.

A strange feature in some is that a small hole is pierced in the animal form at the termination. Was it to drink slowly from, or did the hole, permitting a jet of the wine to escape, enforce a libation to the gods while drinking?

EATING, CEREMONIAL AND OTHER VASES AND POTS.

Of other utensils used by the ancient Greeks in partaking of and preparing their repasts, there are sufficient numerically to teach us that the table was exceedingly well equipped and the cuisine efficiently carried out to meet the desires of a highly cultured though drink-loving people.

Their *Chytroe* (pots) were used for numerous purposes, such as boiling meats and heating or drawing water. They had two handles, and, as they were used for cooking, could not have been glazed, as a Greek proverb runs, "painted cook-pots," meaning wasted labor and foolish extravagance. For, withal their artistic power and love for the beautiful, all Grecian receptacles prove to be of a highly practical form and character. The shape of these *Chytroe* is unknown, but that they were of goodly dimensions is proven from the fact that superfluous babies were exposed (left outdoors to die) in them.

Another cooking utensil was the *Thermeanter.* It was a vase used for mulling (warming) wine or water. Those mentioned appear to have been composed of brass, therefore it is uncertain whether the potter's clay ever was utilized in making them. The *Thermapotis* appears to have



PROCHOOS.

been a pot used for similar purposes, and its shape is unknown.

The *Lasanon's* shape is unknown, but it was probably a cook-pot.

The *Chous* was a liquid measure, or bottle, used by the Athenians, and it was probably formed in clay.

The *Phiale,* a saucer-like receptacle for holding wine, was almost unexceptionally used for religious offices. It was a shallow bowl, without handles, except rarely. Its chief use was for temple libations, etc., and it figured scarcely ever at entertainments.

The shape and proportions of the *Phiale* were very similar to the *Cylix.*

Without at least a brief mention of the bathroom equipment of the ancient Greek our task would be only partially performed.

The *Louterium* was usually of alabaster or marble, and held water for the bath, as was the *Asaminthos,* a large vase.

The *Exaleiptron,* for holding ointment, was shaped similarly to the *Phiale.*

The *Arataina* was formed like a ladle, and was utilized in drawing oil for distri-

*All members of the jewelry trade are permitted to use all or any part of "The Pots and Drinking Vessels of Ancient Greece" in printing pamphlets, etc., if they give THE CIRCULAR-WEEKLY due credit in publishing such matter.

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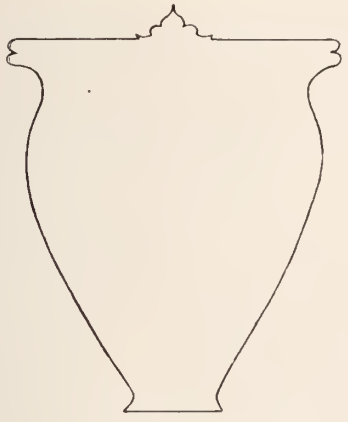
TRADE-MARKS OF THE JEWELRY AND KINDRED TRADES. Over 4,000 Marks. Second Edition. Price, $3.00. The Jewelers' Circular Pub. Co., 11 John St., N. Y.

bution either among the bathers or in filling lamps. It was generally of brass.

The *Podanipter* was a basin in which the Greeks washed their feet.

A vase named the *Prochoos,* of tall neck, oval body, was used to hold snow, oil, wine and libations of the dead. A jug of this name, similar in form to the illustration on page 119, was used for holding the water for washing the hands. The water was poured over the hands from it by an attendant. It was literally a *laver.*

Before leaving the topic of ancient Greek pottery, a most interesting fact is worth relating concerning the potsherbs emanating from their disrupted forms. They were called ostraca (ostracised)—thrown out as useless—but evidently found some further



SITULA.

use; for numbers of these broken pieces dug up were discovered to have decipherated letterings. They were utilized for registering or recording political votes (ceramic ballots), and for writing receipts on.

And the Greek boys played "craps" with these pieces of bric-à-brac. They threw them in the air to see whether the red or black side would fall uppermost—"heads or tails," so to speak. This game those ancient youngsters called *ostrakinum.*

The names of a few of the most celebrated ancient Greek potters might furnish the best and most useful finish to this series. Euphronius was the most noted maker of the utensil known as a cylix. Hieron's beautiful work is traceable to its authorship through his name being generally scratched under the foot or handle of his masterpieces. Meidias was noted for his florid style. Amasis was a great vase painter of the earlier types. Ergotimus, Eutlymides, Klitias, Onesimos, Philtias and Polygnotos were each leaders in the ancient ceramic art.

It might be useful to mention for those absolutely uninstructed, that the "Etruscan" vases, at first supposed to be of Italian workmanship, because found at first in Etruria (Italy), are amply proven as emanating from the Greeks. A characteristic in their decorations is the red body with black figures or black body with red figures.

[THE END.]

"Modern Art and Jewelry" was the title of an interesting paper read before the 20th Century Art Club in St. Louis, Mo., last Thursday, by Mrs. Culver. The meeting was held at the Buckingham Hotel.

New Lamps for Old.

EVERY day on my way to dinner I pass a shop where a dark-haired woman sits in the doorway eagerly scanning the features, the deportment, the very eyes of pedestrians. She is looking out for possible purchasers, a credulous class with money in its purse, and far more numerous in New York than many persons would suppose. Not unnaturally one glances her way, for she is comely of face and figure; and moreover she is attired peculiarly in a manner which suggests the Russian. The profuse cross-stitch embroidery in red thread and the deep thick lace which border her apron are truly Russian, and a becoming headdress is also of national type.

Your step slows as you glance at her merchandise and finally you pause.

"You will buy ze antique?" she asks, pointing to the numerous articles in brass which comprise her stock.

Yes, gladly would you buy it, but for two hindering circumstances: you "suspicion" that her wares are not antique, and she asks in payment "the eyes of your head," as the Parisians say.

To enter her shop is a liberal education of a limited kind. It is to realize in their hard, metallic substance the odd objects which you have seen pictured from the days you pored over your school book's page until perchance the latest number of your favorite magazine came to view. Here is the Russian *samovar,* the indispensable tea-making apparatus of the empire, here are brass flagons, platters, many-branched candlesticks, snuffers, match holders, and a host of knicknacks attractive in their very uncouthness. Of these latter inexpensive things you buy guardedly, to save the situation, but as for the alleged rare antiques of Byzantine art, oh no, indeed! Your library readings of foreign journals have informed you that Austria and Russia regularly send to the art purchasing centers "ancient Byzantine masterpieces" which are produced plentifully by poverty-stricken native artisans.

New Russian lamps purporting to have come from old mosques are plentiful, and so skilfully is the ancient workmanship reproduced that not only private collectors but directors of national museums are deceived by these fraudulent objects, buying them at enormous prices.

A DARING FRAUD.

The most daring fraud of all, and at which Parisian toilers are now working, is the restitution in completeness of Persian carpets, whose smallest real fragment is worth thousands of francs. As soon as an accumulation of stock is secured, unscrupulous dealers will place these clever imitations on the market, with the announcement that a quantity of these marvelous carpets has been discovered at Teheran or Constantinople. In the quarter of the Marshes in Paris, that great territory inhabited by a vast population of wonderfully skilled artisans, there is not an artistic object known to civilization that is not reproduced as the fancy of rich amateurs demands it.

Every day new ivories are yellowed as if by age by chemical treatment, and coins of new minting become curios of the immensely distant past by being buried in the damp earth; when fowls dig them up, swallow and return them, they are found to have acquired a very rich and deceptive patina. One truly amusing feature of the situation is the rapidity with which art objects are multiplied as soon as it becomes known that a certain connoisseur is buying things of that particular kind. Say that a Rothschild intimates his desire to purchase rock crystal, or that J. P. Morgan is looking out for 18th century relics. As if by magic, these collectors are assailed by dealers bringing a plentiful choice of articles of alleged authenticity of the wished-for character.

There is an 18th century craze on at present, and every one interested in art wants something that has come down to us from "the century of Fragonard." The museum of the Louvre has recently arranged some 18th century rooms, and the vogue for the epoch is so great that dealers are reaping a rich harvest from the sale of imitations. Obviously, it would have been impossible for the group of great artists existing at that period to produce one-twentieth part of the articles now on the market. And the prices! An 18th century pastel is worth a fortune; the smallest objects bring enormous sums.

Once a rich collector has been duped by a dealer in an art purchase, he becomes himself a party to the deception, for if there is anything in the world an art amateur prides himself on it is his power to discern the true from the false. And so it comes about that the "faked" article is installed with honors in a great private gallery, and if when its owner dies he bequeaths his collection to a national museum, with the proviso of its being kept intact, the suspected article is perhaps exhibited as genuine.—Olive Logan, in the New York *Post.*

Another Theory as to the Origin of the Pearl.

THE origin of the pearl in the shell of the oyster, or other bivalve or mollusk, has been the object of a considerable amount of investigation and speculation. Among the more recent studies of the subject may be noted those of M. Seurat, recorded in the *Comptes Rendus.* This naturalist finds that in pearl oysters from the Gambia lagoons, in the South Pacific, the pearls are due to a small worm—a sort of tapeworm. In cysts on the body and mantle of the oyster he has found true pearls surrounding a nucleus which he has shown to be one of these worms.

Like other tapeworms, this one concerned in the production of pearls requires a second host in which to complete its development. And M. Seurat considers that the ray is the second host in this case, for he has found in the spiral intestine of this fish small tapeworms which he regards as the adult form of the larval worm of the pearl oyster. The author has named this new species of tapeworm *Tylocephalum margaritiferæ.*

The view has been held that the pearl is a secretion formed, as it were, in self-defense for the surrounding and isolation of an injurious foreign body.—*London Globe.*

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For Scarf Pins Studs and Lace Pins The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c ; in 10k. gold, $1.00; 14k., $1.25. M. CROHN, Maker and Inventor, 48 and 50 Maiden Lane, N. Y.

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A LARGE ASSORTMENT OF DIAMOND MOUNTED JEWELRY CARRIED IN STOCK.

A Professional Appreciation of J. H. Harmstone.

PROVIDENCE, R. I., Oct. 18, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

Having a lively interest in all that tends to promote the cause of good design, more especially as applied to the gold and silver crafts, I noted with much pleasure your recent announcement of the appointment of J. H. Harmstone as the new instructor in jewelry design at the Rhode Island School of Design, which admirable institution is rapidly growing and is destined, sooner or later, to exert an important influence on the productions of the great manufacturing community of Providence. It will be a notable step in this direction if the present stu-



J. H. HARMSTONE.

dents are able to assimilate any real measure of the feeling and spirit of the new instructor. Technical skill the shops impart, often of a high order, but art "cannot live by bread alone."

Mr. Harmstone's work is characterized by a delightful daintiness and refinement. His art is restrained by an exquisite taste which inevitably shuns the crude and commonplace. He imparts a charming personal touch to his drawings and models, particularly in the so-called "modern" style, which by reason of its escape from the trammels of tradition appeals so strongly to the modern spirit; but he finds delight and inspiration also in the art of the master-workmen and artists of all periods and climes.

Mr. Harmstone has enjoyed a most thorough practical experience as well as a broad art training, having served an apprenticeship in the studios of John Rounds & Son, the old and well known firm of Sheffield silversmiths, and held scholarships in the Sheffield School of Art and the Royal College of Art, London, at the former of which institutions he later gained valuable experience as a teacher. He studied modeling under the sculptor Lanteri, designing and drawing under the well known London designer Stephen Webb, and later in Paris, France.

In 1901 he came to the United States and entered the employ of the Gorham Mfg. Co., later going to Tiffany & Co., and subsequently to the Watson & Newell Co., with which house he is now connected, though during the present year he has made a tour of the principal cities of England, Holland and Germany.

Mr. Harmstone is assisted at the school by Robert Bain, of the Gorham Co., an expert chaser, who knows how to surmount the many technical difficulties of repoussé, pattern chasing, hub-cutting and die-sinking.

Incidentally, I might add that the beautiful trophy presented by Sir John G. Nutting to the Chicago Yacht Club, illustrated on the cover page of your issue of Aug. 1, is a somewhat typical example of Mr. Harmstone's modeling. Unless I greatly err, this cup was one of many pieces he developed under that past-master of design, W. C. Codman, of the Gorham Co.

Very truly yours,

A SUBSCRIBER.

Outline Sketches on Greek Vases.

IT is due to M. Peterson, the calling attention to the presence of outlines on antique vases, says M. Pottier in his great work. Since then this has occupied considerable attention; numerous observations have been collated regarding this peculiarity. From these we have the following results: The outlined sketch, made with a hard, pointed instrument that grazes an outline in the argile, leaving a slight trace (easily found by bringing the surface of the painting into the light), has been in use since the commencement of the red figures to the end of the sixth century. During the second half of this period it was made more rarely. It is almost completely absent in the productions of the *italiote* branches.

To sum up, it coincides with the epoch of the most beautiful Attic productions and is evidently a sign of the care taken in the work.

The instrument employed must have been a slender wooden stick pointed at one end like our pencils. The palettes of Egyptian writers, preserved in the museums, often have little bits of pointed wood, forming *calamarys* that can give us an idea of the matter. M. Hartwig believed he recognized it in a little utensil with pointed extremity held by a ephebe (Greek youth) painting a cup, on an illustration of a vase.

One essential fact is noticeable. While these outlines are the rule with red figures, they appear scarcely ever in the black figures, even in the most carefully done specimens.

It was learned last week by Detective Captain Pumphrey, of Baltimore, Md., that J. H. Langdon, for whom the Baltimore police hold a warrant, charging him with passing a bogus draft in the jewelry store of J. W. Mealy & Sons Co., of that place, Oct. 1, is a "ticket-of-leave" man from the Huntington, Pa., reformatory, where, it is alleged, he served two terms for the crime of forgery.



RUSHING BUSINESS IN CUT GLASS.

TALKING of the Fall and Holiday trade in cut glass, H. B. Stites, who represents the Maple City Glass Co., 253 Broadway, New York, said several days ago that this has been the busiest year since he has been in the trade, and he believes that this has been the general experience. His company, he said, is being rushed to fill orders, and there is real anxiety lest belated buyers should be disappointed in not having their orders filled on time. The demand for cut glass, he says, is certainly spreading, and the product is being used for a constantly increasing line of articles of use and ornamentation. The assortment displayed by Mr. Stites certainly bears out what he says as to the broadening tendency, for there are innumerable articles, staples and novelties, suitable for a dining table and the boudoir. The production of smaller pieces of table ware has increased to a very great extent in the last year or two, as indicated by the line exhibited in these salesrooms. The ornamental designs executed by the cutters are of the widest range, extending from the simplest to the most ornate patterns.

*

CASTING OF REAL AND IMITATION BRONZES.

SPEAKING of substitutes for bronze in the manufacture of art objects, a New York manufacturer said: "The so-called French bronze is not bronze at all—a fact not known to all the dealers. French bronze is practically spelter. A figure may be cast in this material at a cost of 50 cents, while the mold alone for making such a piece in bronze would cost as much as $15. Those figures give an idea of the relative cost of the two kinds of material in many articles that are now being sold. Iron with copper plating may be used to give bronze effects, the coloring being brought out by the skilful use of acids. This is also a comparatively inexpensive process. Bronze casting is costly because of the materials employed and the extent to which hard labor is required. The molds can never be used twice. In fine pieces much skill of an artistic character is required in finishing the article after it leaves the mold. The durability and the attractive appearance of the material, which lends itself so readily to a great variety of color effects, is being more generally recognized in this country in recent years than ever before."

THE RAMBLER.

C. B. Alsup, Carbon Hill, Ala., was a recent visitor in New Albany, Tenn., where he was seeking a desirable site for a jewelry store.

Sample $25.00 Assortment of American Genuine Hand-Painted Novelties on best-quality porcelain.



		EACH	
202.	2 Olives.....7 in.	$1.00	$2.00
262.	2 Spoon Trays..7 " ..	1.25	2.50
123.	1 Celery Tray..12 " ..	—	2.75
358.	2 Pin Trays....5 " ..	.62	1.25
373.	2 pair Salts and Peppers, pair.....	1.00	2.00
643.	1 pr. Sugar and Cream	—	3.50
103.	1 Cake Tray....9½in	—	2.75
1.	3 B. B. Plates..6 " asst..	.87	2.63
445.	3 Plates.....8½ in. asst.....	1.12	3.37
19.	1 Salad.. ..... 10 in.	—	2.75

21 pieces Price for lot $25.00

Net cash with order or New York references.

L. W. Levy & Co.

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32 E. 9th St.
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with

HAMMERED BRASS BASES

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LEADED GLASS SHADES

ORIGINAL DESIGNS



Sun Flower. No. 2344. 18 in. Shade, 2 Lights, 24 in. High, Complete, $50, List.



Grape Vine. No. 2325. 16 in. Shade, 2 Lights, 24 in. High, Complete, $80, List.

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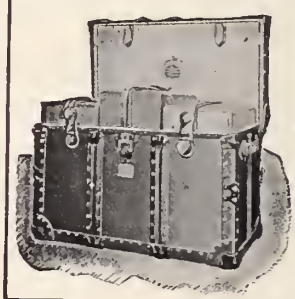
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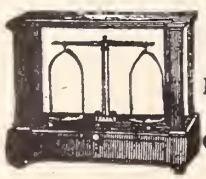
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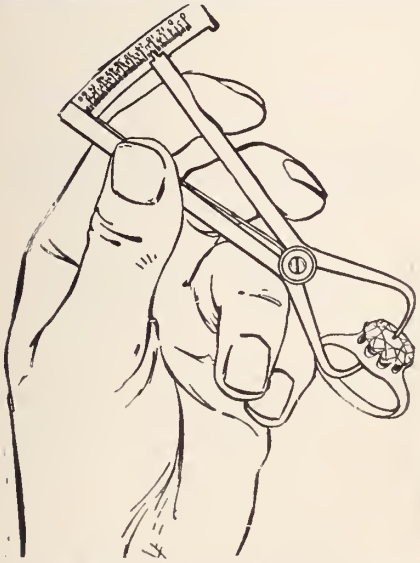
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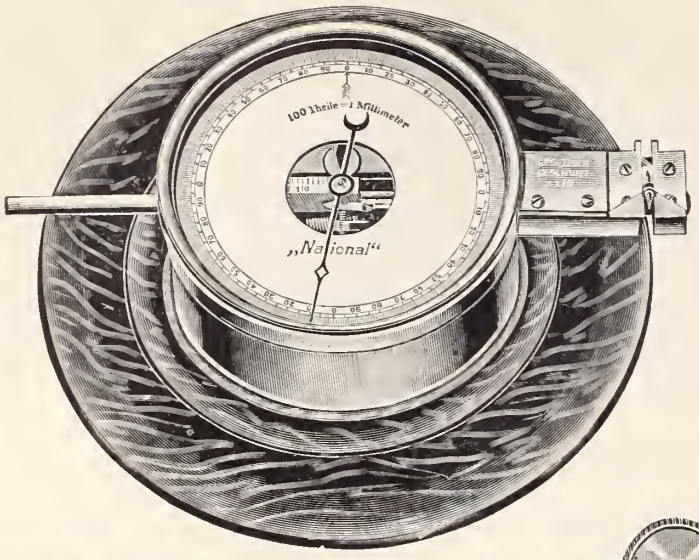
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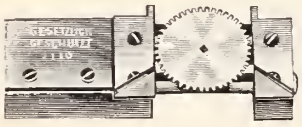
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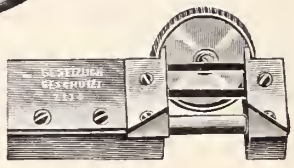
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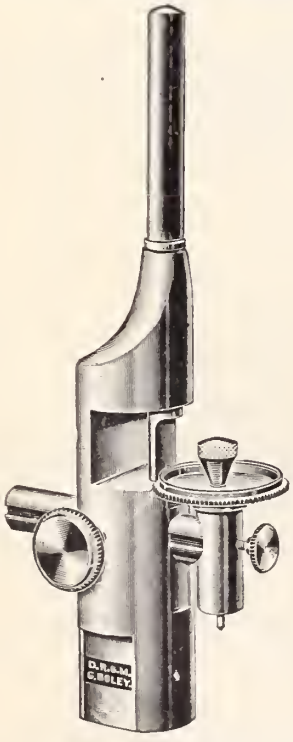




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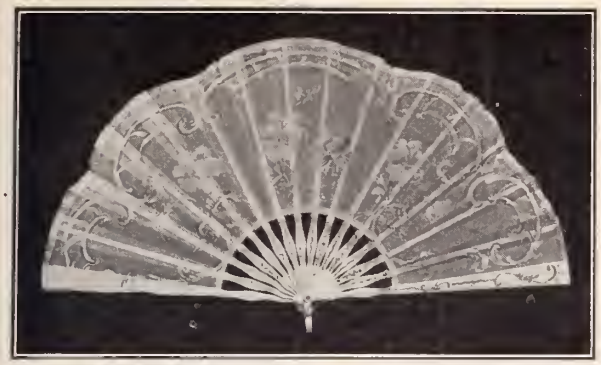
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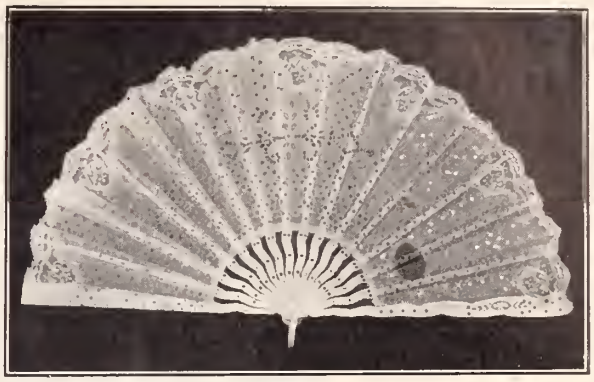
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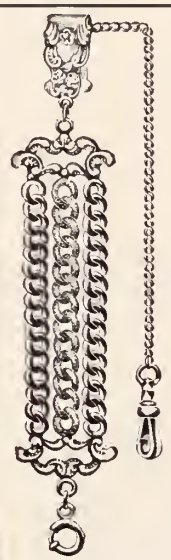
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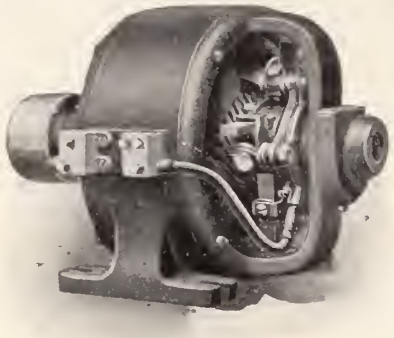
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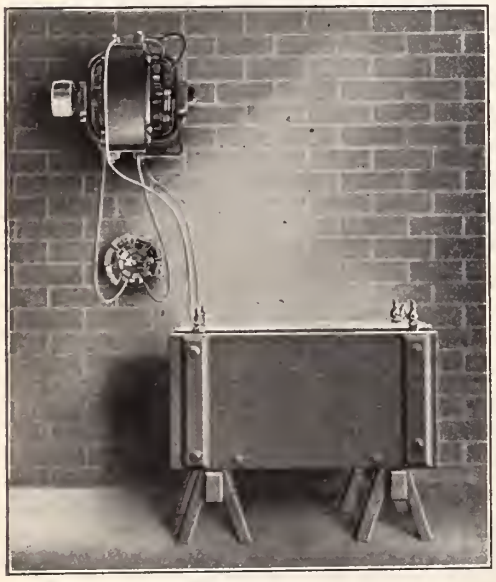
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Visiting Buyers will find it advantageous to inspect our stock while in town.



Wolfsheim & Sachs

35 MAIDEN LANE
NEW YORK

Factory
10 GOLD ST.

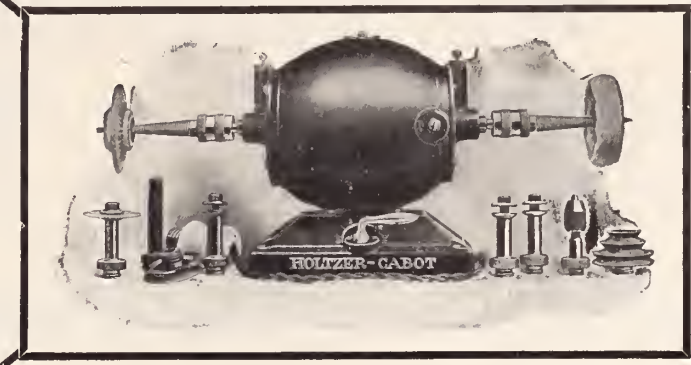
Telephone
3518 John

A Jewelers' Electric Lathe Motor

which has passed through the experimental stages and which, through a careful elimination of defects, has become practically perfect.

This illustration shows one of the **eight different styles and sizes** of Jewelers' Electric Lathe Motors, manufactured by **The Holtzer-Cabot Electric Co.**

Every Holtzer-Cabot Jewelers' Lathe Motor is backed by **an absolute guarantee of one year.**



In using **Holtzer-Cabot** Jewelers' Electric Lathe Motors you receive the benefit of their **thirty years' experience** in the building of electrical apparatus, and you get a motor which has had **four years' trial** in practically all classes of buffing, grinding, polishing and kindred uses.

Send for our special circular No. 409, regarding our offer of "**A Jewelers' Lathe Motor on Trial.**"

MAIN OFFICE, BOSTON (Brookline), Mass. **The Holtzer-Cabot Electric Co.** CHICAGO OFFICE, 395 & 397 Dearborn St.

SIGNS

WE make the kind that people notice. Silent speakers that are always telling about you. Fac-simile of signatures sawed from metal for cementing to windows. "No trouble to skip out of town."

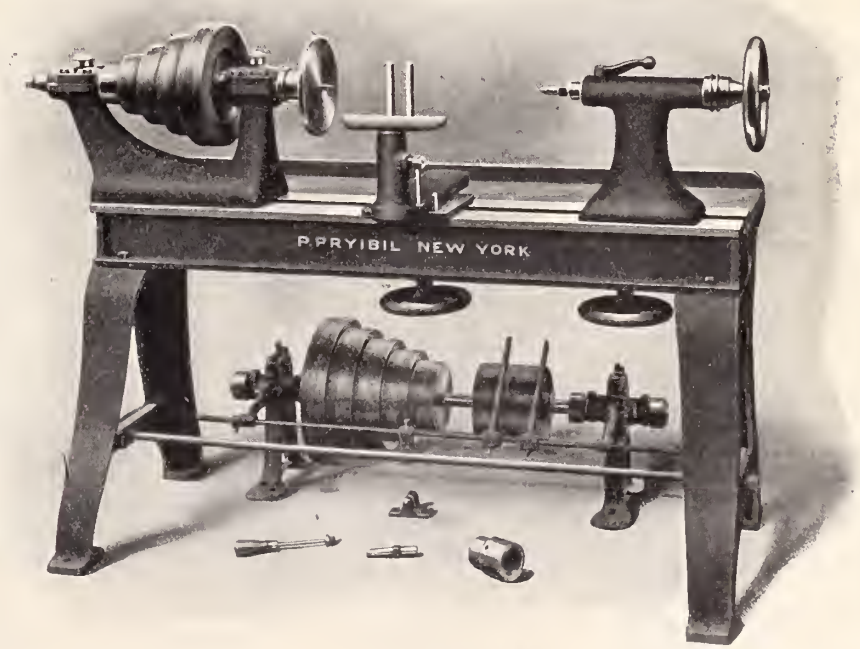
THE FORMAN CO.
SIX LIBERTY PLACE
NEAR MAIDEN LANE --- NEW YORK.

LEARN JEWELERS ENGRAVING

"The Engraving School that Graduates Experts."
A fascinating, high-salaried and easily learned trade, taught thoroughly and practically by correspondence. Your instructor is the foremost authority and master workman in the world. We will teach the beginner better engraving by correspondence than he can gain in years of rigid apprenticeship. We will improve the skill of any engraver one hundred per cent. and make him master of the trade. The demand for competent engravers far exceeds the supply.
Send for handsome, illustrated prospectus.
PAGE-DAVIS COMPANY,
Suite 10, 90 Wabash Avenue, CHICAGO.

The ST. JAMES

Corner Walnut and Thirteenth Streets
PHILADELPHIA, PA.
The Ideal Hotel of Philadelphia
European Plan EUGENE G. MILLER, Mgr.



Above Cut Shows Our

METAL SPINNING LATHE

We manufacture these lathes in sizes from 12-inch to 44-inch Swing, and can equip sizes 18-inch and larger with our Chucks for oval work.

Write for Catalogue

P. PRYIBIL, 512-524 W. 41st St., New York.

Mercantile Fountain Pen

The Best Self-Filling Attachment

made and guaranteed by the

AIKIN-LAMBERT COMPANY, 19 Malden Lane, NEW YORK.

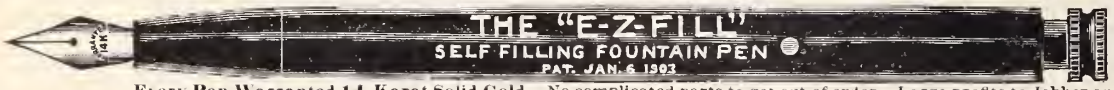
Retail Price:
$3.00
$3.50
$4.50

Send for Price Lists and Discounts.



THE "E-Z-FILL" SELF-FILLING FOUNTAIN PEN

FILLS INSTANTLY BY TOUCHING SPRING ON SIDE OF BARREL WITH PATENT PUSH PIN.



Other Patents Pending.

Retails at **$1.00**

Every Pen Warranted 14-Karat Solid Gold. No complicated parts to get out of order. Large profits to Jobber and Retailer. The only safe and practical Self-Filling Fountain Pen ever offered at a popular price. Made only by

DIAMOND POINT PEN CO. - 100-102 Beekman Street, New York

Largest Manufacturers of Popular Price Fountain Pens in the United States — INFRINGERS WILL BE STRICTLY PROSECUTED — Send for large illustrated price list

FAIRCHILD & COMPANY

225 to 233 Fourth Ave. NEW YORK CITY.

Manufacturers of GOLD PENS, PENCILS, PENHOLDERS, SEGAR CUTTERS, SPECIALTIES, PENCILS SET WITH JEWELS.

Style, quality and workmanship acknowledged the very best.

LEROY W FAIRCHILD. GOLD PENS.

PATENTS

obtained on inventions and designs. Trade marks, prints and labels registered.

R. W. BISHOP,
ATTORNEY AT LAW,
908 G Street N.W., Washington, D. C.

CASTINGS Gold, Silver, Bronze, Brass, German-silver, Copper & Iron, Supply Jewelers, Silversmiths, Die-makers, Mould-makers, etc.
L. D. Tel. 2072 L.
Unbreakable Bronze Forces. Hard Bronze Engraving Plates. Cast Iron Forces for making Steel Dies. Chandelier, Undercut Work, Statuary.
AUGUST GRIFFOUL, 313 HALSEY STREET, NEWARK, N. J.

WM. F. RENZIEHAUSEN CO.,
GOLD and SILVER REFINERS
Sweep Smelters, Assayers and Analytical Chemists
Rolling of FINE AND STERLING SILVER a Specialty.
Long Distance Telephone, 3759-R. 45-49 Oliver Street, NEWARK, N. J.

F. JEANDHEUR, Jr.
Rear 17 John St., N. Y. Third Floor.
Gold and Silver Plating
SPECIAL WORK AND COLORING IN ALL SHADES A SPECIALTY.
Established 1868. Platina Plating.

THREE WEEKS' DELAY! YES, BUT MUCH HIGHER RETURNS!

ESTABLISHED IN 1870. **LEES & SANDERS** BIRMINGHAM, ENGLAND.

WE CAN SEND YOU NAMES ON YOUR SIDE — WE ARE NOT MERELY COLLECTORS BUT THE ACTUAL SWEEP SMELTERS — WHO HAVE TRIED US AND ARE SATISFIED

HONEST AND PROMPT RETURNS FOR YOUR OLD GOLD, SILVER, FILINGS, SWEEPINGS &c.

WE BUY

Old Gold and Silver Filings, Polishings, Sweeps, Hand Washings, etc. We will make accurate valuations and hold consignment subject to your acceptance. If valuation is not satisfactory, we reship to you at *our expense.*

WE PAY FOR OLD GOLD:

22 K. 88c. per dwt.		12 K. 48c. per dwt.	
20 K. 80c. "	"	10 K. 40c. "	"
18 K. 72c. "	"	8 K. 32c. "	"
16 K. 64c. "	"	6 K. 24c. "	"
14 K. 56c. "	"	4 K. 16c. "	"

MARKET RATES FOR SILVER AND PLATINUM.

WE SELL

Gold, Silver and Platinum, various qualities, rolled flat or drawn to wire of any gage.

PRICES OF ALLOYED GOLD:

8 K. 42c. per dwt.	14 K. 66c. per dwt.
10 K. 50c. " "	16 K. 74c. " "
12 K. 58c. " "	18 K. 82c. " "

Gold and Silver Solder, either from formulas furnished, or our own. "T. B. H." Alloy, 25c. per oz. Guinea Gold, 75c. per lb. Shot Copper, 40c. per lb. We will send tables for alloying without charge. They save figuring.

Try us and you will Appreciate our Squareness, Promptness and Accuracy.

T. B. HAGSTOZ, Ltd., Main Office, 709 Sansom St., Philadelphia, Pa.
SMELTERS, ASSAYERS, REFINERS.

THE JEWELERS' CIRCULAR

WITH WHICH ARE CONSOLIDATED

THE HOROLOGICAL REVIEW,
THE JEWELERS' WEEKLY,
THE JEWELERS REVIEW

11 John St., Corner Broadway, New York.

Entered as second-class matter at the New York, N. Y., Post Office.

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The Jewelers' Circular
Publishing Company.

38th Year. WEDNESDAY, OCTOBER 31, 1906. Vol. LIII. No. 13.



Ancient Greek Gold Necklace, with Pendants, in the Metropolitan Museum of Art.

(See Text on Page 47.)

ALVIN SILVER



A few designs of Alvin Sterling Silver Hollow-ware. Handsome and artistic, but moderate in price. Write for prices; they will interest you.

ALVIN MFG. CO. TRADE MARK Silversmiths, NEW YORK

Bars Are Up Against Any Defects

Although there is a great demand for goods and our factory is working overtime to fill orders, we will not allow any goods to be shipped that have not received a thorough inspection. We insist on our high standard of finish, and only cases that are absolutely perfect are allowed to leave our factory.

JOSEPH FAHYS & CO.



THE other doors *may* lead there, but ours is a straightforward way. By cutting the diamonds, we produce the goods at the least possible cost. We market them in the least expensive way. So we can sell them at lower prices than others. Doesn't this seem reasonable?

J. R. WOOD & SONS

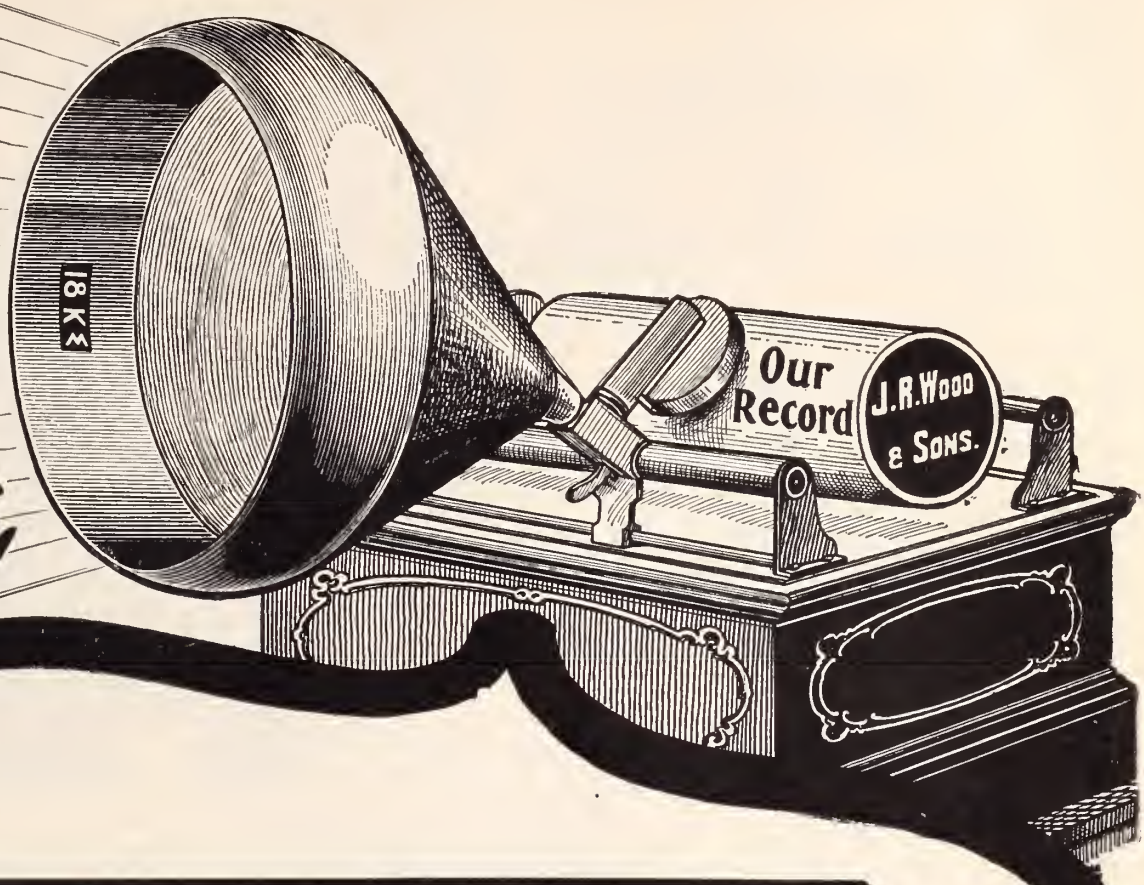
DIAMOND CUTTERS

Cutting Works
1327-1329 Atlantic Avenue
Brooklyn

2 Maiden Lane, NEW YORK

V. WARING, N.Y.

RINGS THAT RING TRUE



We dislike "blowing our own horn," but we want you to know our "record."

¶ For over fifty years our rings have been the standard for quality and workmanship.

¶ If you sell your customers our rings, you are selling them the best rings obtainable.

J. R. WOOD & SONS

Ring Makers

2 MAIDEN LANE NEW YORK

Warning to the Trade!



Retailers are being called upon by a man who is selling twenty-one chains on a cloth for $18, with swivels stamped "S. O. B. & Co.," and with a duplicate tag of ours bearing our trade-mark, attached to same. The chains are nothing more or less than brass shaded over, and will not stand acid for a single moment.

Jewelers with any experience ought to be able to discover the difference between a finished article and a rotten one.

Anyone who has been swindled by this man will please notify our house, as we want all the evidence possible, and we will do the rest.

Localities where goods have been disposed of are Pittsburg, Allegheny, McKeesport and surrounding towns.

We have two chains now in our possession that were sold by this man.

S. O. BIGNEY & CO.

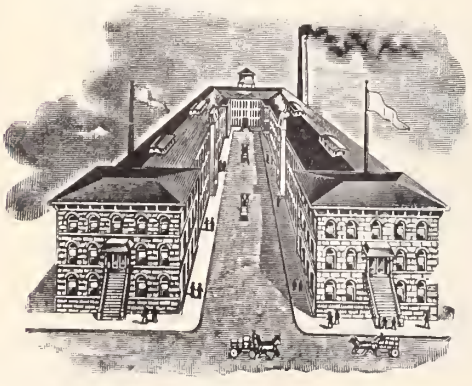
We give you below an exact copy of an assay of chains manufactured by the leading chain makers of the United States.

1-10 GOLD FILLED WATCH CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
15		71	29½	$0.43		1155	$2.85
16		75	50	.775	S. O. Bigney & Co. - - - -	482	3.08
17		81	34	.57		3005	2.73
18		76	23½	.37		9533	2.97
19	1	00	16½	.34		83	2.14
32		52	49½	.53		213 X	2.83
34		73	34½	.52		733	2.41
46				.58		5011	3.82

1-8 CHAINS, MINUS BAR AND SWIVEL.

Number	Gross Weight Ounces	Gross Weight Dec.	Fineness Gold 1000ths	Value	Maker	Chain Number	Cost
35		57	68	$0.80		1604	$3.96
36		60	65½	.81	S. O. Bigney & Co. - - - -	7015	3.75
37		60	63	.78		4324	4.00
47		49	79	.80		2726	4.00



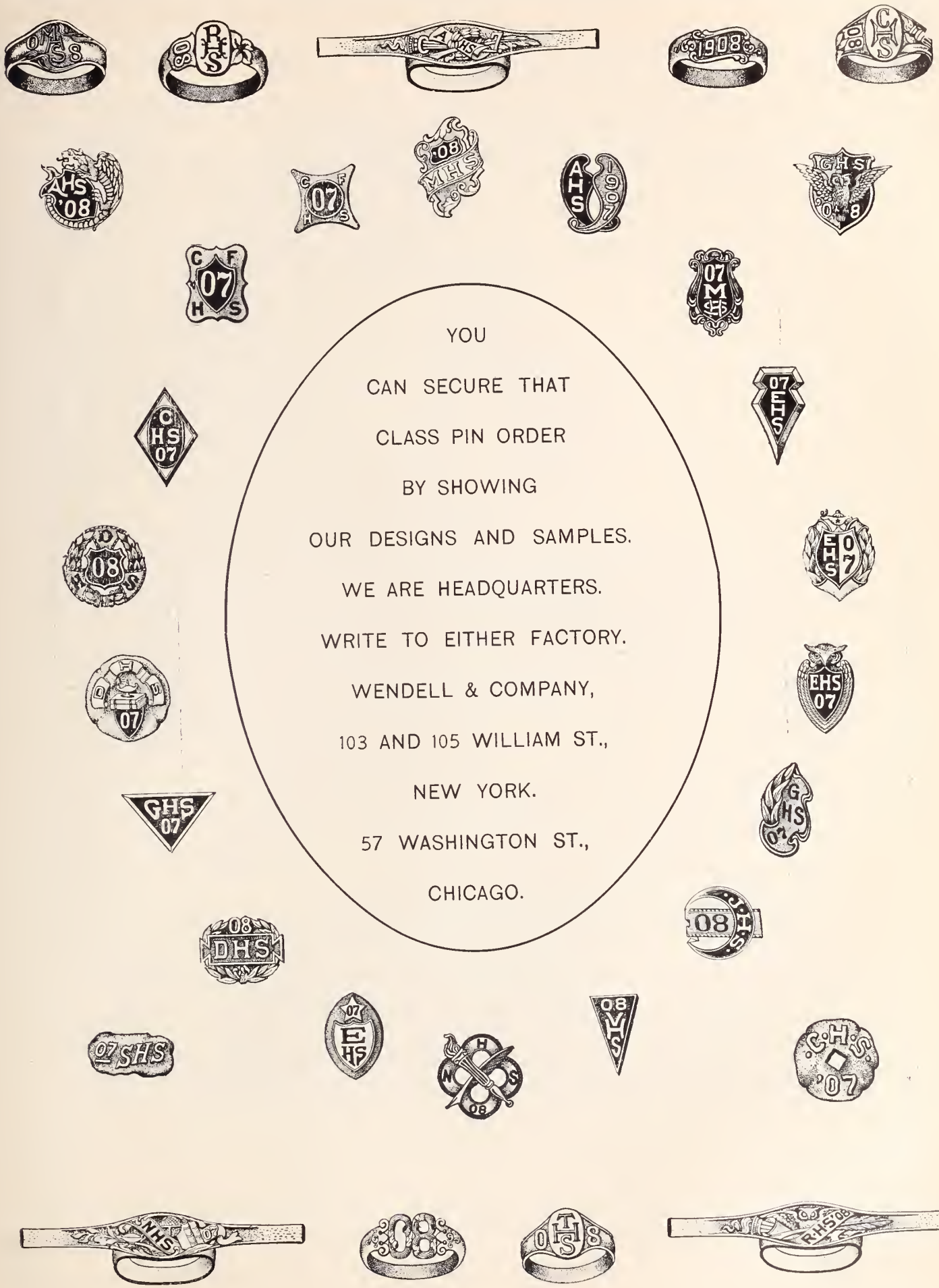
S. O. Bigney & Co.

NEW YORK OFFICE,

3 MAIDEN LANE.

FACTORY, Attleboro, Mass.




YOU
CAN SECURE THAT
CLASS PIN ORDER
BY SHOWING
OUR DESIGNS AND SAMPLES.
WE ARE HEADQUARTERS.
WRITE TO EITHER FACTORY.
WENDELL & COMPANY,
103 AND 105 WILLIAM ST.,
NEW YORK.
57 WASHINGTON ST.,
CHICAGO.

"Attains Its Majority"

An Easy-Selling Watch Case

THE WADSWORTH 20-YEAR CASE affords an excellent supplement to the 25-year lines. The usual jump from the 25-year cases to those of lower grade is apt to be too great. A man may hesitate at a 25-year case, and yet not want to drop to a 10-year or 5-year case. This is where THE WADSWORTH 20-YEAR CASE exactly fits the circumstances—it suits the man who wants a high grade case but is not quite ready to pay the higher price of those which cost more. Every dealer should carry this line.

The Wadsworth Watch Case Co.

49 Maiden Lane, NEW YORK

CHICAGO
Columbus Building

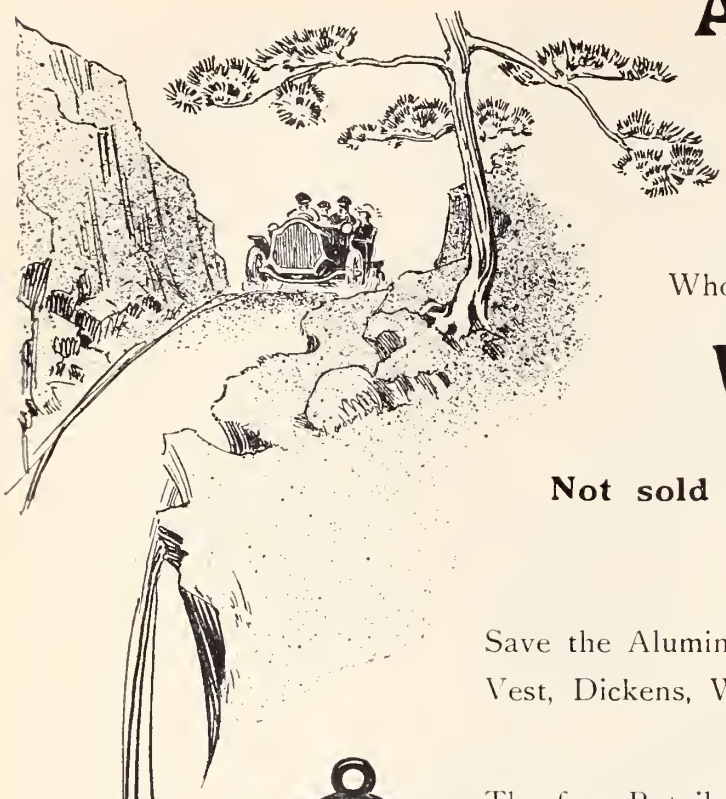
SAN FRANCISCO
717 Market St.

FACTORY, DAYTON, KY.



OUR PILOT LEADS.

The Wadsworth Watch Case Co.



An Automobile Free

Every Retail Jeweler Gets a Premium

Who, before January 1, 1907, buys 40 or more

W. & S. B. ★ Chains

Not sold to Department Stores or Retail Mail Order Houses

Save the Aluminum Coupon Tags attached to all W. & S. B. ★ Vest, Dickens, Waldemar and Pony Chains.



THIS IS THE COUPON TAG

The four Retail Jewelers who accumulate the most tags before January 1, 1907, will be awarded

FOUR GRAND PRIZES

First Prize, 1907 Model Touring Car
Second Prize, 1907 Model Runabout
Third Prize, 1907 Model Motorcycle
Fourth Prize, American Watch Lathe

Each of above to be Standard Articles

Should two or more retail jewelers be tied for the first prize, the value of the prize will be divided among them. This applies also to the second, third and fourth prizes.

Every Retail Jeweler (except the winners of the Grand prizes) can have his tags redeemed in Globe Filled W. & S. B. ★ 1/8 Vest Chains, One Vest for 40 tags; two for 75; three for 100. Absolutely Free.

W&SB

W. & S. Blackinton Co.

Manufacturers

New York, 14 Maiden Lane
Factory, North Attleboro, Mass.

Let us send a selection package through your jobber.

Never in the history of our company have we manufactured so many high-grade movements as we are now turning out every working day.

Never in the history of our company have we been so far behind our orders.

This is convincing evidence that the retail jeweler is pushing the sale of those movements that give him the best satisfaction.

ILLINOIS WATCH COMPANY

SPRINGFIELD

Dueber

is the name most intimately known to the Watch Trade of the United States as associated with the Watch Case industry. The name "Dueber" on any Watch Case is an absolute guarantee of good quality, artistic conception and fine workmanship.

Hampden

stands for what is peerless in American Watch Movements. For twenty-five years the name has borne an unrivaled reputation, and the Hampden high-grade movement has been a standard for imitators to work from.

Watches

are an essential part of every retail jeweler's stock, and to have the right kind of watches should be the care of every dealer. The more consideration given to this subject the more sure are Dueber-Hampden Watches to be chosen.

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies.

Fifth Avenue and Market Street, Pittsburgh, Pa.

Talent, Energy and Progression

are the qualities necessary to achieve success in this strenuous age

¶ The followers of the "let well enough alone" policy are living in the past and become the victims of the ambitious, hustling competitors who, looking into the future, constantly go forward.

¶ The forward pace in business is made more easy and quick by selling the right kind of goods; goods that are satisfying in quality and value and that add to the reputation of the merchant.

¶ ***We offer you goods that have all the requisites necessary to please and satisfy your customers, that equal in value the cost, and will never mar your reputation from being associated with.***

¶ We refer to

Illinois Watches and Hamilton Watches

The W. J. JOHNSTON COMPANY

Wholesale Agents for the Leading American Watch Companies,

Fifth Avenue and Market Street, Pittsburgh, Pa.

THE KELLER LINE

A 10 K. Line that is 10 K.

MANUFACTURERS OF

Fine Gold Jewelry, Rings, Brooches, Cuff Buttons, Scarf Pins, Lockets, Fobs, Tie Clasps, Neck Chains, Crosses, Lorgnette Chains, etc.



We make the largest, most varied line of CUFF BUTTONS shown to the retail trade, also LOCKETS, SCARF PINS, RINGS, BROOCHES, CROSSES, FOBS, NECK CHAINS, LORGNETTE CHAINS, etc., etc.

THE KELLER JEWELRY MFG. CO.

64 Nassau Street, New York.

3 WELL BALANCED REASONS



Durability
Beauty of Design
Workmanship

STAR WATCH CASE CO.

FACTORY
Ludington, Mich.

CHICAGO
701 Heyworth Building

NEW YORK
37 Maiden Lane

For sale by all jobbers, or write us



S. E. HOWARD'S SON & CO.

15 WEST 24th STREET, NEW YORK CITY

OPPOSITE 5th AVENUE HOTEL

Manufacturers of

High Grade Hair Brushes

and Artistic Merchandise for the TOILET TABLE.

We solicit your inspection of matched sets in color and figure, beautiful in design, as well as articles for use.



In addition to many hundred styles of Hair Brushes, we make the necessary articles to completely "fit up" the highest quality of Leather Bags and Suit Cases.

"HOWARD'S QUALITY"

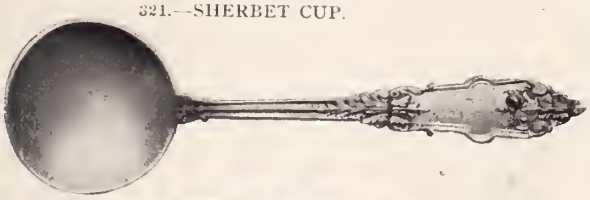


209.—COFFEE CUP AND SAUCER.





321.—SHERBET CUP.





210.—CHOCOLATE CUP.



The St. Germain.

THE WHITING COMPANY take pleasure in introducing to the Jewelry Trade, with absolute confidence in its attractive quality, a new and very effective pattern of silver and porcelain sets for the serving of Bouillon, Sherbet, Chocolate, Turkish Coffee and other beverages.

These sets consist of porcelain cups and bowls of graceful form, mounted in silver holders of delicately pierced work, and accompanied by spoons especially designed in harmonious accord with the holders. The linings are of the very finest quality of white and gilt porcelain in two styles, the decoration in the one being confined to a simple band of gold, while the other is ornamented with an elaborate acid-etched and gilt border.

Based upon a very beautiful and uncommon example of old French silver, this new pattern has been named the St. Germain, in allusion to the famous Royalist Faubourg, of old Paris, and will undoubtedly commend itself to all those desiring Silverware of individual distinction.

Whiting Mfg. Co.

Silversmiths

Broadway and
19th Street
NEW YORK

TRADE MARK

ROSE ORNAMENTATION, DESIGN SIMPLE, YET EXQUISITELY BEAUTIFUL. A MOST POPULAR PATTERN, UNIVERSALLY ADMIRED.

The Adrea

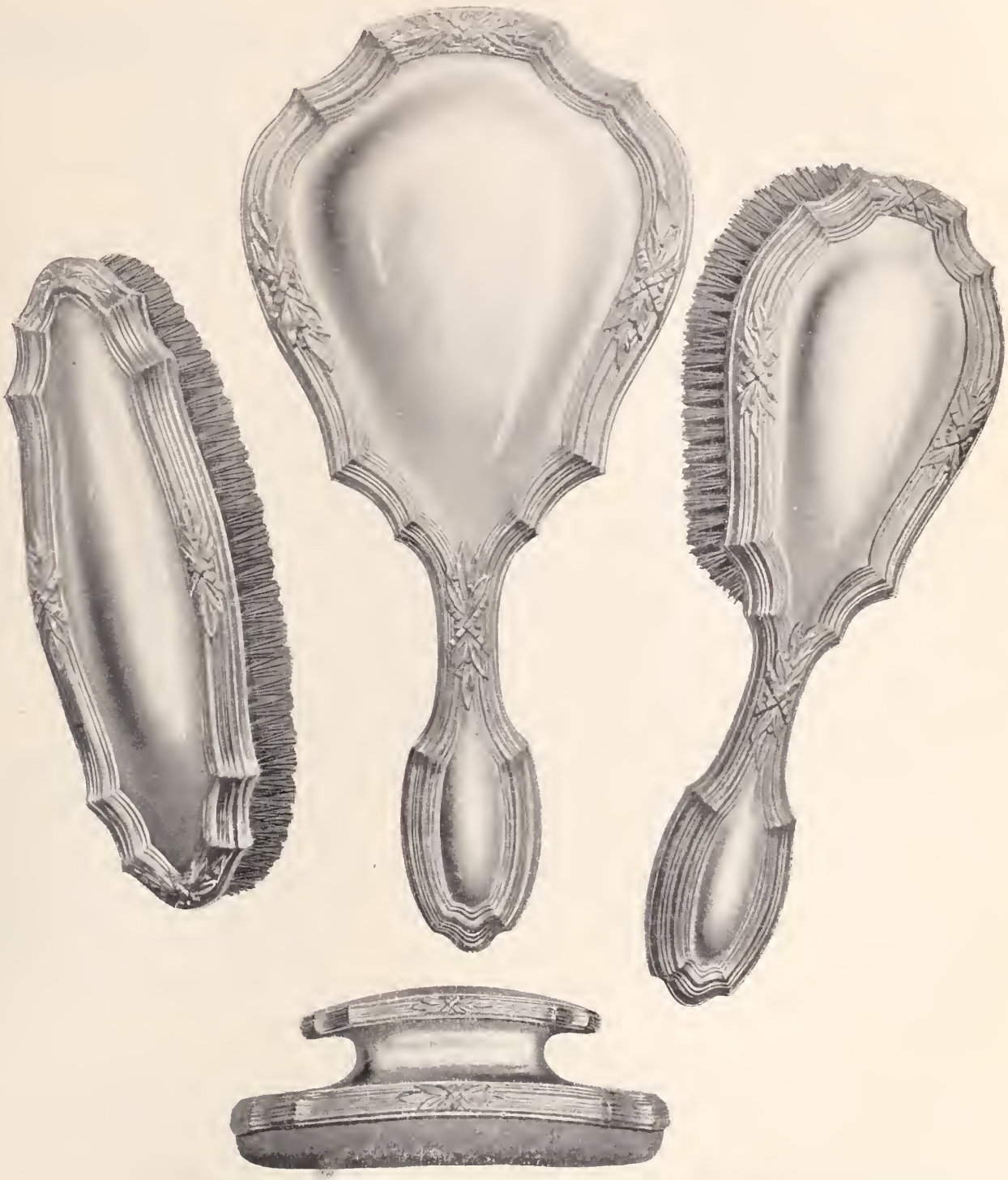
THIS IS THE THIRD OF OUR BEST SELLING TOILET PATTERNS.



TRADE W MARK

The Woodside Sterling Co., 192 Broadway, New York.

THE PRINCESS



We take pleasure in presenting a new, original and **MODERATE-PRICED** Toilet Ware Pattern for the holiday trade. We are prepared to make prices of which may be obtained **IMMEDIATE DELIVERY** of these goods. on application.

DOMINICK & HAFF

SILVERSMITHS

FACTORY AND SALESROOM, 543-5-7 WEST 23D STREET

THE

Renaissance

PATTERN

IN SILVER PLATE



SET OF
THREE PIECES

Comb
Brush
and
Mirror

ETCHED

IN
LINED CASE

The Renaissance

is a good example of our latest patterns in SILVER PLATED TOILET WARE. As the cut shows, it is artistic in design, sufficiently ornate to please the eye, but not so elaborate as to offend good taste. Dealers should not overlook these new patterns which will prove great trade winners for this season's holiday business.

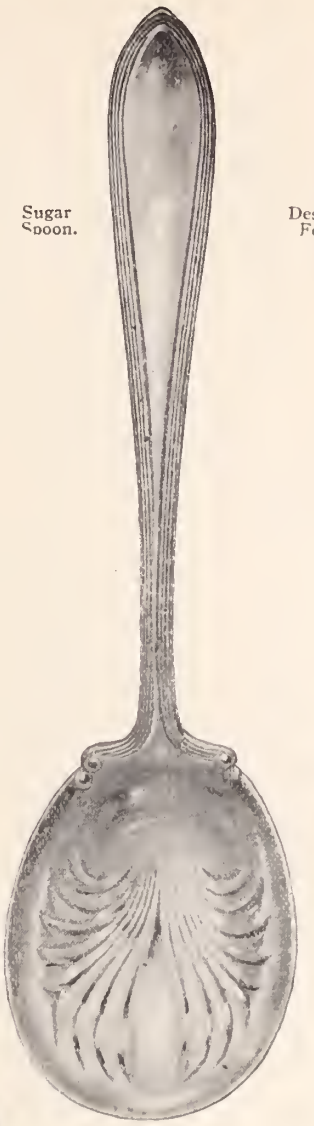
INTERNATIONAL SILVER COMPANY

WAREROOMS:

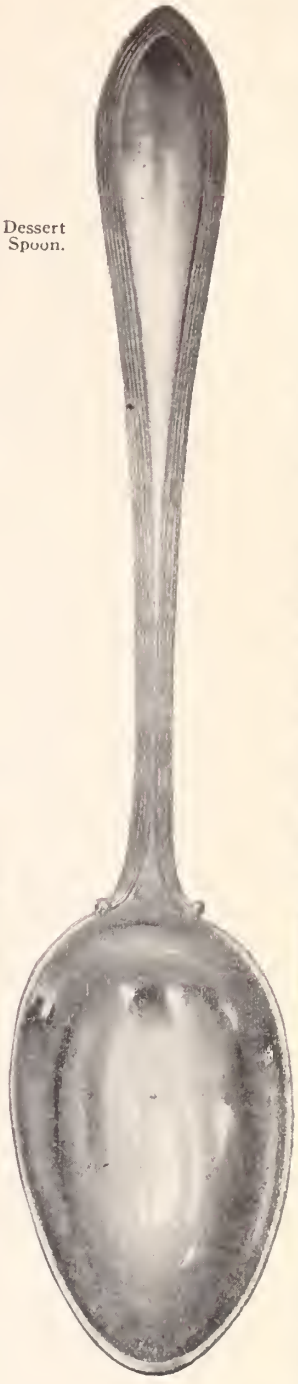
9-11-13-15 Maiden Lane, New York

GENERAL OFFICE, MERIDEN, CONN.


Gravy Ladle (Back.)


Sugar Spoon.


Dessert Fork.


Dessert Spoon.



The "Pilgrim" Pattern

"Pilgrim" pattern, the most recent Flatware production of this company, will remain *permanently in demand.* It is without question the most artistic "thread" design ever placed before the trade. The "Pilgrim" is characterized by its simplicity and dignity of design; qualities which certainly appeal to every discriminating buyer—and to those who *know* silverware.



Made in all the fancy pieces.

Frank W. Smith Co. Manufacturers of Sterling Silverware
GARDNER, MASS.

THE BOOK OF COMMUNITY SILVER

THE NEW Community Silver Catalogue is just off the press. The illustrations are of such excellence as to serve the dealer nearly as well as actual samples. Fine half-tones of the Home Building at Oneida and of the Silverware Factory at Niagara Falls appear in the opening pages. The arrangement of contents is notably convenient. The paper is of the best quality, and was made expressly for us. We believe this to be the most complete and practical silverware catalogue ever issued.

This new catalogue contains 68 large pages and shows all the patterns of Community Silver, including the new Classic design illustrated on the opposite page. This design is a wholly new creation, a worthy addition to our other famous patterns. Its simplicity, grace and beauty justify its name. Although expense has not been spared in preparing this handsome "Book of Community Silver," it will be sent upon request to any bona fide dealer who is interested in the line.

The New Catalogue

ONEIDA COMMUNITY, LTD.
ONEIDA, N.Y.
Founded in 1848.

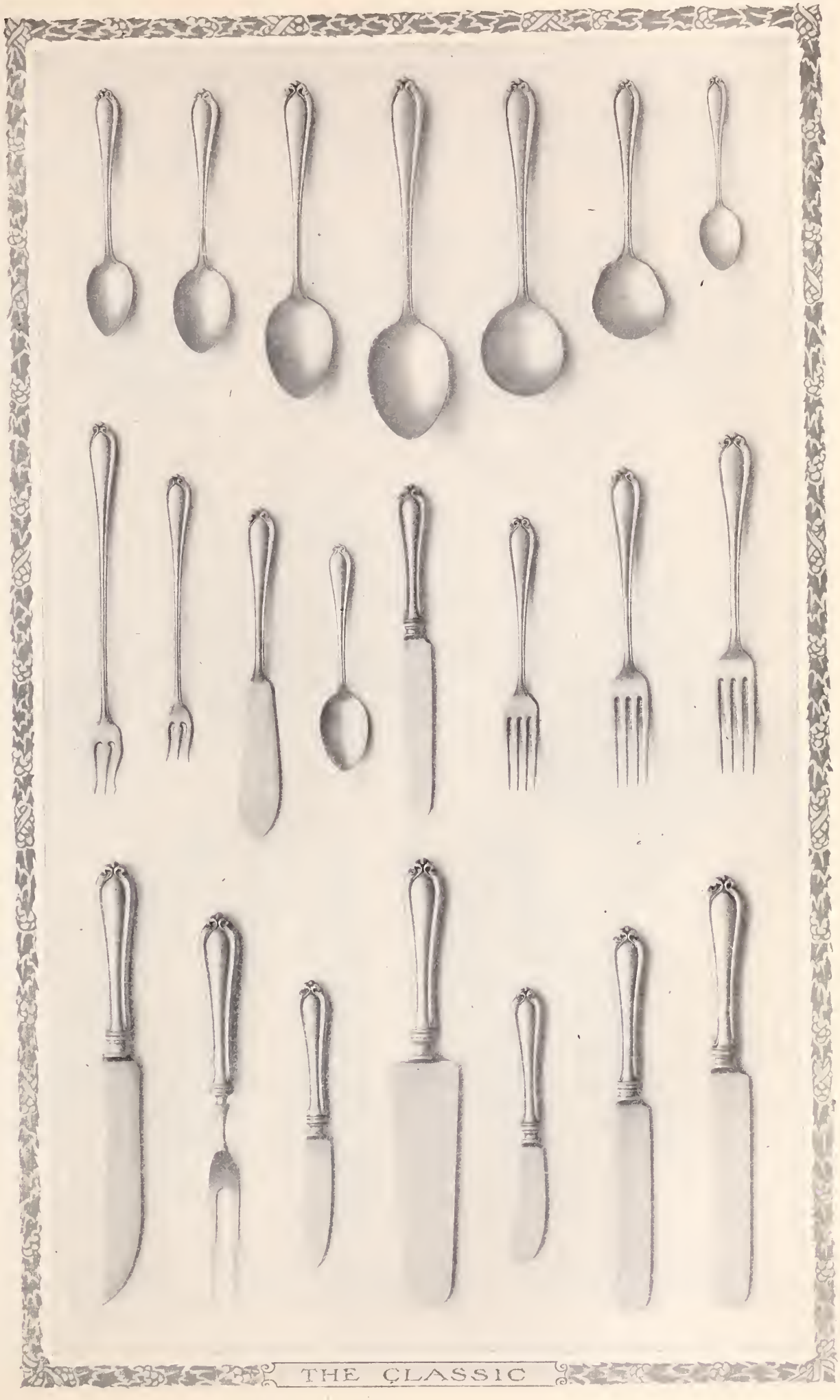
CHICAGO SALESROOMS:
Silversmiths' Building.

NEW YORK SALESROOMS:
395 Broadway.

THE CLASSIC

COMMUNITY SILVER

New "Classic" Design



THE CLASSIC

A FEW HOLIDAY SUGGESTIONS


No. 1548.


No. 1549.


No. 1547.


No. 1511.


No. 1545.

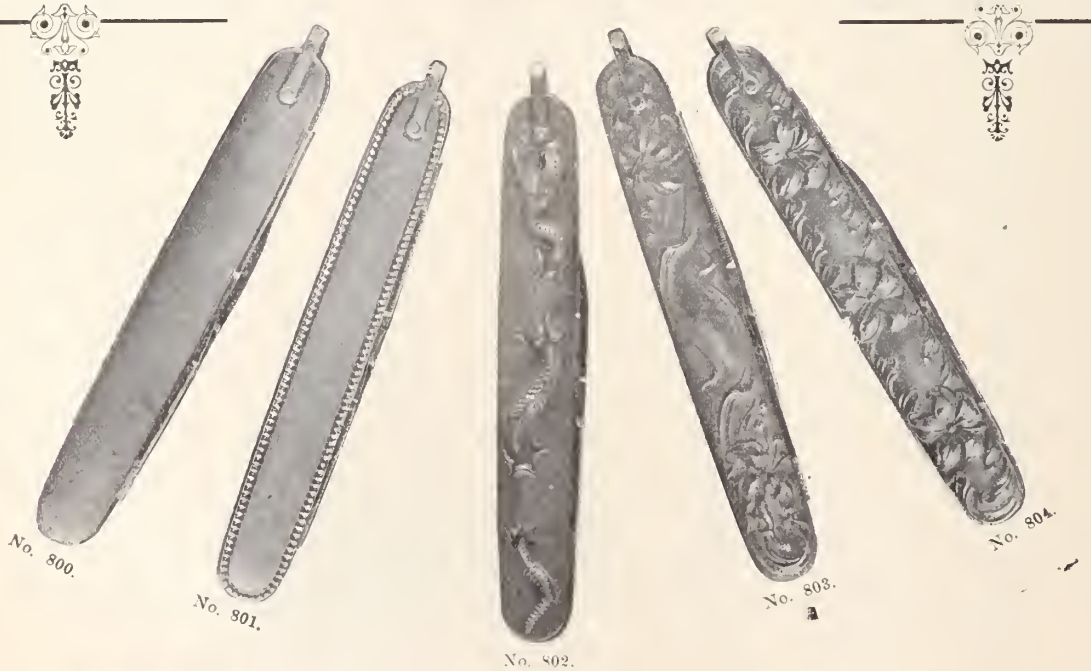
PREPARE yourself for the holiday rush. Get the right goods at the right prices. We are leaders in manufacture. Our goods are leaders in sales.



WE make Lockets, Buttons, Penknives, Match Boxes, Brooches, Cigar Cutters, Scarf Pins, Fobs, Bead Necks, Heart Charms, Tie Clasps, etc., etc.

SEND FOR SELECTION

10K THAT IS 10K



ROBT. LEVY, Manufacturing Jeweler
Green and Columbia Sts., Newark, N. J.

THE jeweler who expects to win a full share of the trade of his town this coming season must needs show goods that are right in quality, attractive in appearance and beyond reproach in the matter of style and design.



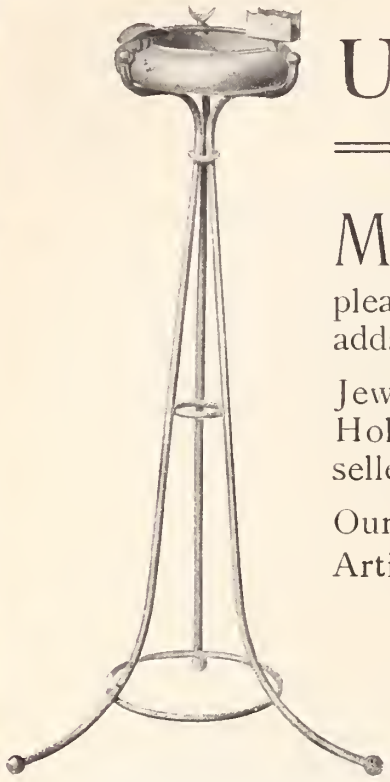
No goods in the jeweler's stock fill these requirements more fully than do SIMMONS CHAINS.

There isn't the slightest question about either their selling or their wearing qualities — they're the safest and strongest sellers that one can carry.

R. F. SIMMONS COMPANY

Main Office and Works, Attleboro, Mass.

Salesrooms, 9-13 Maiden Lane, New York; 42 Madison Street (Heyworth Building), Chicago.



Made in Copper, Old Brass, Nickel Plate and Silver Plate.

Useful Holiday Presents

FOR GENTLEMEN

MOST GENTLEMEN have a room reserved at their home for a smoking den, and are exceptionally well pleased with anything in the way of smokers' articles that adds lustre to their collection.

Jewelers should see that they are well stocked for the Holidays with Sternau Smoking Articles, which are good sellers and profitable to handle.

Our *new* Catalogue, No. 21, showing a variety of Smokers' Articles, will be sent on request.

If It Burns Alcohol, We Make It

S. STERNAU & CO.

New York Salesrooms: Broadway and Park Place Opposite Post Office

Makers of Chafing-Dishes and their Accessories, Fancy Teakettles, Alcohol Stoves, Coffee Machines, etc.

Office and Factory: 195 Plymouth Street, Brooklyn, N. Y.

ASK YOUR JOBBER FOR

The Wonder of the Bracelet World



PAT. PENDING.

A Positive Secret Joint and Catch

Satisfaction Guaranteed or New One Given in Exchange



PATENT PENDING.

MAKERS OF

American Lever
Cuff and Collar Buttons
Scarf Pins — Brooches
Links — Handy Pins
Studs — Hat Pins
Fobs — Chains

ALL GOODS



BEAR THIS TRADE-MARK

PARKS BROS. & ROGERS, Providence, R. I.

Sole Agents for KREMENTZ ONE-PIECE COLLAR BUTTONS

New York Office, 20 Maiden Lane



OUR TRADE-MARK

Japanese Coral Jewelry

Necklaces Bracelets and Combs

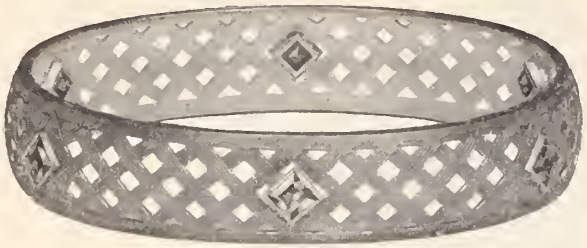
THERE is Coral and Coral. To realize its decorative possibilities you must see the finest. The most beautiful of all, the variety distinguished by the richest color, the lightest and rarest tint, is admitted to be the famous Japanese Coral. An exclusive line.

This interesting product is applied with telling artistic effect to our distinctive lines of Bracelets, Combs and Necklaces. Hungarian, Celtic and other typical effects. Gypsy Snake Bracelets. Quaint reproductions. Handsome Japanese Coral Strands from $75 to $350.

D. Lisner & Co.

Creating Importers of
Jewelry Novelties

One-Forty Fifth Avenue, cor. 19th St., NEW YORK



"THE BRACELET HOUSE"

14 K. ONLY



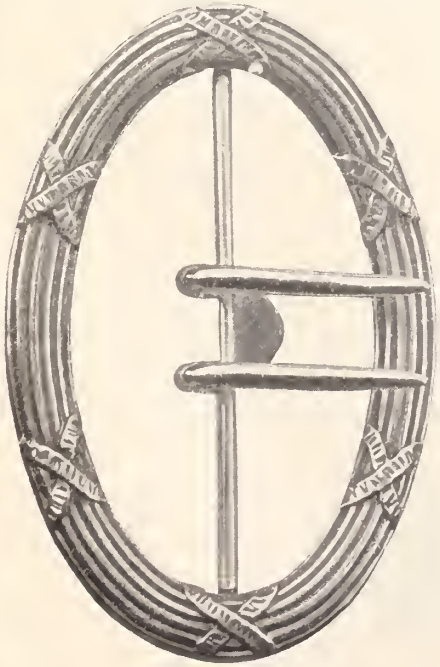
Three Good Patterns



KENT & WOODLAND

12 JOHN STREET, NEW YORK

BELT BUCKLES FOR THE HOLIDAYS

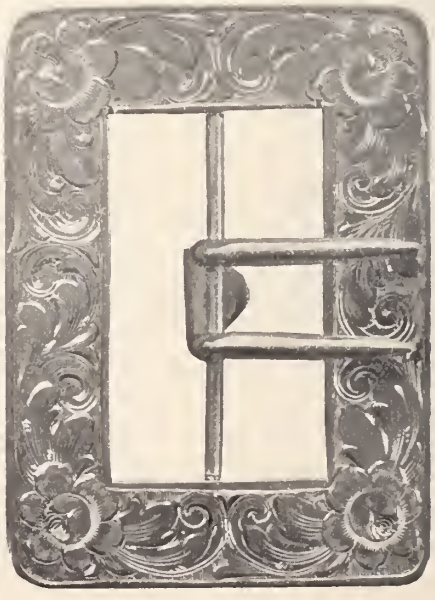


No. 662.

Our choice selection of Silver Belt Buckles, hand engraved and etched, commands the attention of the progressive jeweler.

They are good sellers for the Holidays, since fashion has dictated their extensive use.

Prices range from $21.00 to $42.00 per dozen.



No. 685, Eng.

PRYOR NOVELTY COMPANY

NEW YORK OFFICE, 7 MAIDEN LANE

FACTORY AND OFFICE: 473-475 WASHINGTON ST., NEWARK, N. J.

CORAL—FROM FISHERIES TO YOU

CORAL

OUR OWN
CORAL FISHERIES
IN JAPAN

Gold Medal, Turin, 1884

Grand Prix, Liege, 1905



CORAL MANUFACTURING COMPANY

OUR OWN
CORAL FISHERIES
IN ITALY

Silver Medal, Melbourne, 1880

Gold Medal, St. Louis, 1904

CORAL

Factory at TORRE DEL GRECO, ITALY. Offices in PARIS, LONDON and NEW YORK.

With the rapidly growing demand for superior coral we are in a position to-day to present the **most complete** and **finest stock of coral jewelry in the world,** being the **only house in the United States possessing own fisheries in Italy** and **Japan** and the **largest house in the world** making an exclusive specialty of coral.

The newest and best creations in Coral Necklaces, Bracelets, Combs, Scarf Pins, Hat Pins, Buckles, Brooches, etc. Necklaces in extra light pink, and white with pink, a specialty.

A new and magnificent variety of coral cameo necklaces, bracelets and scarf pins adds greatly to the wonders of our coral products.

OUR OWN DESIGNS AND MANUFACTURES. FISHERY PRICES.

Telephone, 5412 Franklin.

BORRELLI & VITELLI, 401 BROADWAY, NEW YORK.

We invite out-of-town buyers to see our line of Bracelets



We are making the largest line of

Bracelets

in the country, set with

Diamonds, Rubies, Sapphires, Peridots and all the **Modern Stones**

SET IN BOTH

Ten and Fourteen Karat Gold and Platinum

Also a large variety of designs in Carved, Engraved, Chased and Plain

Charles P. Goldsmith & Co.

33 Gold Street, New York

Our salesmen are now out with our large line of Bracelets



Actual Size—Best Quality Rolled Plate

BRACELETS

Are one of the leading money makers of the present prosperous season.

Our experience in the making reaches back for years—and our present line, comprising over 600 different styles, bears ample proof that we have profited by this long prestige, and that it is not a hit-or-miss proposition we present to you, but definite and clear-cut ideas, artistically and intelligently carried out.

Any leading jobber will be glad to show you these goods—and an inspection of the goods will prove conclusively their worth to you.

WHITING & DAVIS

PLAINVILLE, MASS.

New York Office - - 7 Maiden Lane

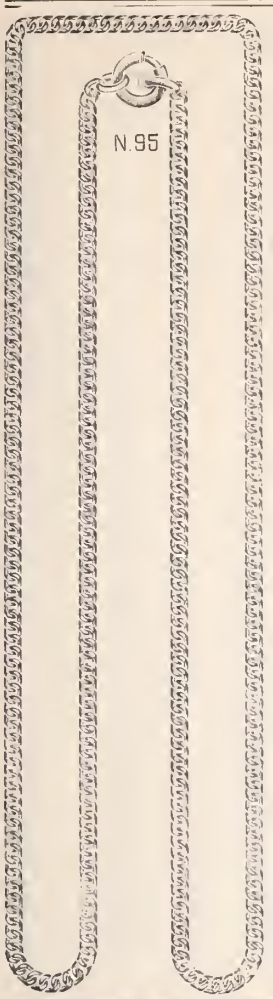
ALETHEA SIGNET and ALETHEA BABY

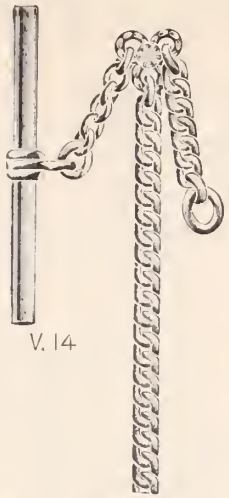


Unsurpassed Quality
Unequalled Design
Unexcelled Workmanship

Three reasons which bear upon the success of ALETHEA BRACELETS

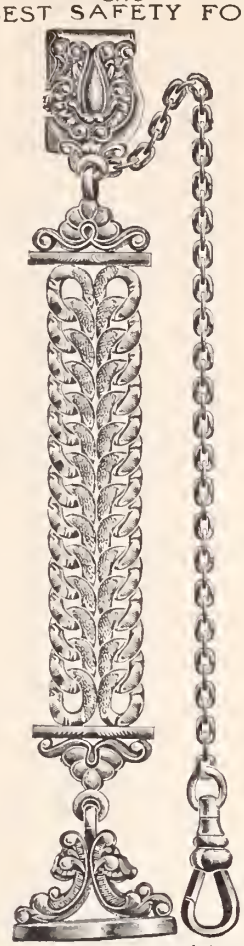
WOLCOTT MFG. CO. 71 Peck Street, Providence, R. I.







The BEST SAFETY FOB



Patented Dec. 26, '05.
Other Improvements Pending.

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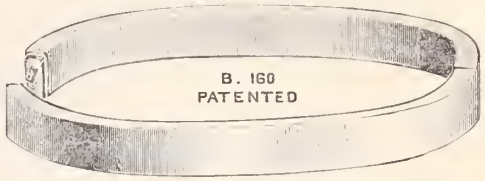
Attleboro, Mass.

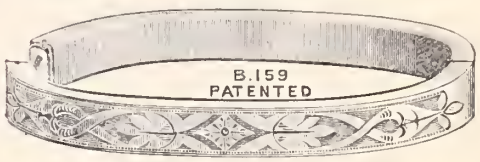
Makers of High Grade CHAINS

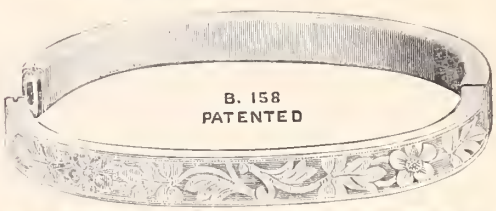
BRACELETS

Our New Flat RECTANGLE Seamless Wire BRACELETS made with "WINNA" Joint and Catch, SELL AT SIGHT.

NEW YORK OFFICE, 9 Maiden Lane
CHICAGO OFFICE, 103 State Street

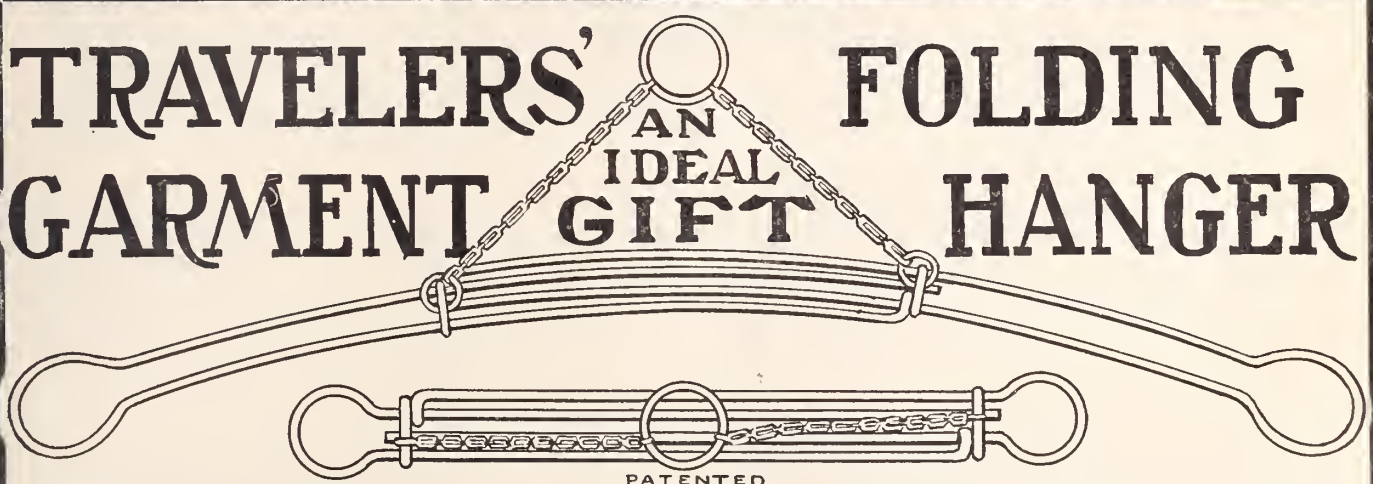






TRAVELERS' FOLDING GARMENT HANGER

AN IDEAL GIFT

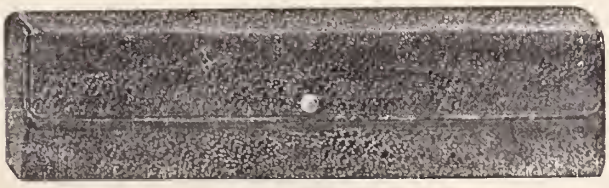


A LEATHER GOODS SPECIALTY that SELLS. In leather goods departments of the best jewelry stores everywhere. Appeals to people of refinement and good taste. Just the thing for a Christmas gift.

Thoroughly practical, superior in quality and finish. Sets of 3, 4 and 6 in handsome leather cases or bags—morocco, sheepskin, pigskin, sole leather, seal, ooze and alligator in striking colors. Also tapestry and brocade cases. For men and women.

Retail prices from $1.00 per set of 3 (nickel plated) with bag—up to $5.00 per set of 6 (gold plated) in case.

SIX GO IN THIS CASE



Size, 10 in. x 3 in. x 1½ in.

Write to-day for catalogue and dealers' discount.

Tilden-Thurber Co., Providence, R. I.

OR

C. F. RUMPP & SONS, Philadelphia, Pa.



Quality and Finish Consistent with twenty years' experience. Original and Exclusive Designs.



NEW YORK, 3 MAIDEN LANE.

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MOORE & SON,

ESTABLISHED 1886. NEWARK, N. J. INCORPORATED 1903.

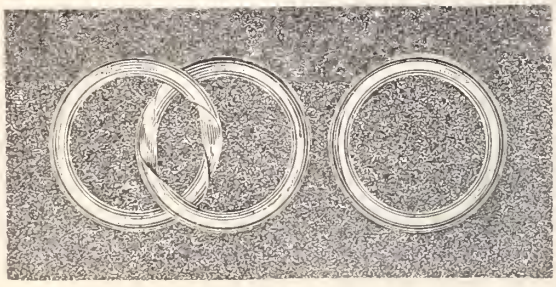
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MANUFACTURERS OF

RINGS

9 & 11 Franklin Street - Newark, N. J.

Opposite New City Hall



WE MAKE

The Alliance Ring

The graceful style of the Alliance Ring is rapidly supplanting the use of the old style wedding ring The joints are invisible, and whenever engraving is desired it is done in the inside surface. Can be easily separated by inserting a pin in inside pinhole.

14 karat, 3 dwts., each, $1.25 per dwt.; in dozen lots, $1.10 per dwt., net.
18 karat, 3 dwts., $1.40 per dwt.; in dozen lots, $1.25 per dwt., net.

MADE ONLY BY

LEONARD KROWER, Manufacturing Jeweler

536-538 Canal Street New Orleans, La.

THE BEST

SOLID GOLD CHAINS

THE CHEAPEST

They stand the test of time and have done so for 56 years.

Supreme in QUALITY DESIGN FINISH WORKMANSHIP



We Sell Direct. We Have No Salesmen. Eliminating all unnecessary expenses in making and selling enables us to sell at the lowest possible price. Send for catalogue.

Trade K Mark

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ALOIS KOHN & CO.

16-18 Maiden Lane, New York

Makers of Gold Chains of every kind



M. SCHIFF

Established 1876

82-84 Nassau St., N. Y.

'Phone 801 John.

Manufacturer of fine Diamond Mountings Lockets and Buttons. Patentee of

THE NEW IMPROVED

Ear Screw

The only one on the market of its kind, absolutely secure. Special attention paid to all order work.

CAN MAKE BRACELETS OF ANY STYLE AND SIZE

OSTBY & BARTON COMPANY

PROVIDENCE, R. I.

Manufacturers of the Newest Designs in

GOLD RINGS

Brooches, Mountings

and Gold Filled Seamless Rings, including the Old Reliable THREE CROWN

"None but the Newest.—Only the Best"

NEW YORK, 13 Maiden Lane CHICAGO, 103 State Street

The Allsopp Rings



THE UP-TO-DATE LINE OF

SIGNET AND SET RINGS



In twenty years we have built up a business second to none in Rings exclusively. ALLSOPP QUALITY, DESIGN and WORKMANSHIP appeal to the most fastidious. It will pay you to examine a selection package.

A ★
TRADE-MARK.

ALLSOPP BROS., ALLSOPP BUILDING, Newark, N. J.

The Bowden Rings

ARE COMPLETE IN VARIETY, CORRECT IN QUALITY AND PERFECT IN FINISH. WE MAKE EVERY VARIETY OF FINGER RINGS.

J. B. BOWDEN & CO.,

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The Appeal to Masculine Taste

EXPERIENTIA DOCET

THE STANDARD of taste in Men's Jewelry is constantly being raised; a fact to which this house has contributed. Beauty should unite with character and individuality in such products. The Holiday demand for our creations in this class will be large.

EXPERIENTIA DOCET

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EVERYTHING IN

MOURNING JEWELRY.

A. J. HEDGES & CO.,
Makers of Exclusive Designs in 14K. Jewelry,
14 JOHN STREET, NEW YORK.

14 K TRADE-MARK



Patented

Made in 14K. Gold only

The Transit Ticket Holder

One to Twenty "Sub," "L" or Ferry Tickets.

CARRINGTON & CO.
Sales Agent,
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SCARF PINS

TRADE (S) MARK

Amethyst, carbuncle, jade, moonstone, topaz, and other stones, mounted in plain edge settings.

24 John St., New York. **Geo. O. Street & Sons.**

¶ Our line of Fobs is now complete and is the best we have ever shown.

¶ The new patterns we have added to our Chatelaines give us the finest line of up-to-date pins in the market.

¶ Fancy Stone Brooches and Scarf Pins are a specialty with us and bid fair to be more popular this year than last.

¶ Our line of linen finished Cuff Pins is very popular.

Snow & Westcott

Makers of Good Jewelry for Over Seventy Years.

21 MAIDEN LANE NEW YORK

ELKS



Our Copyrighted **Elk Head** Best in the World.

B. P. O. E. In Horns

Diamonds set any way you want them.

Made in 3 Sizes, in Gold and Silver.

GOLD
Brooches, Lockets, Links
Bracelets, Scarfs
And Everything Else in Gold Goods

CHAS. L TROUT & CO.
15 Maiden Lane, New York City



The R. S. Cigar Cutter

In Sterling Silver, Plain and Engraved ; and 14 k. Gold, Plain and Engraved, also Set with Diamonds

A Novelty

Unlike all other cigar cutters; this one lies flat in the pocket—does not get out of order

A Good Article

We Push It

Our advertising makes the customer want it; his friend sees it and he wants it. An endless chain of customers

A Good Seller

Trade supplied by

Enos Richardson & Co.

23 B Maiden Lane, New York



ESTABLISHED 1841

Carter, Howe & Co.

TRADE C MARK

MANUFACTURERS OF

Gold Jewelry,

9, 11, 13 MAIDEN LANE, - NEW YORK

FACTORY, NEWARK, N. J.

A. CARTER G. R. HOWE W. T. CARTER W. T. GOUGH

Diamond Mounted Jewelry of Newest Design

READY FOR IMMEDIATE DELIVERY

Our Mr. John Abel has recently returned from Europe with many new designs in High Grade Gold Jewelry which are now being shown by our 6 salesmen. We invite your inspection.

DIAMOND MOUNTED Brooches $5.00 to $1,500



DIAMOND MOUNTED Rings $10.00 to $2,000

DIAMOND PLATINUM JEWELRY, INCLUDING THE ODD AND UNUSUAL IN BROOCHES, LOCKETS, SCARF-PINS, Etc.

Send To-day for a Selection on Approval

ABEL BROS. & CO.

Originators and Makers of Fascinating Diamond Jewelry and Mountings.

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Cutters and Importers of Diamonds, Rubies, Emeralds, Sapphires, Pearls, and all Fancy Gems.

BRANCHES IN AMSTERDAM, ANTWERP, PARIS, LONDON, IDAR, OBERSTEIN.

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OSMUN-PARKER MFG. CO.

MAKERS OF

Fine Pearl and Diamond Goods

338 Mulberry Street

NEWARK, N. J.

ALLSOPP & ALLSOPP'S

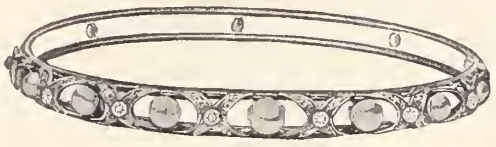
"ORIGINAL LINE"

—OF—

BRACELETS & BANGLES

MOUNTED IN COMBINATION OF

Diamonds & Pearls
Diamonds & Sapphires
Diamonds & Emeralds
Diamonds & Baroques



Amethysts
Topazes
Peridots
Aquamarines
Etc.

FACTORY & MAIN OFFICE:
NEWARK, N. J.

A & A TRADE-MARK.

BRANCH OFFICE:
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STERLING BAG

No. 1621 R. Hand Made

Saw Pierced Mounting

Size 5½x4 inches

TRADE W B MARK.



WEIZENEGGER BROS.

MANUFACTURERS OF

Sterling Bags and Gold Chains

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THE SIGNET CUFF-LINKS

are gaining in great favor with the jewelry trade. Their sale is destined to be even as great as the signet ring.

They are fitted with a 10k. *solid split post,* as shown in this illustration, and are built to withstand the pressure when pushing through the button-hole.

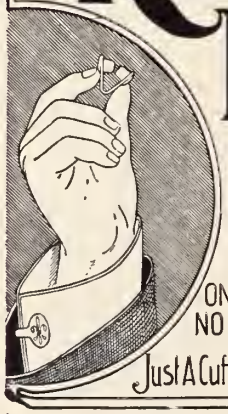
Selection Packages to Responsible Parties.

Many attempts to overpower the resistance of the split post by sudden expenditures of wrath have proved futile. Try it.

SCOFIELD & DeWYNGAERT, Newark, N. J.

NEW YORK OFFICE, 9 Maiden Lane.

The REX Cuff Button



THE MISSING LINK

ONE PIECE NO SNAP
NO LEVER NO SPRING

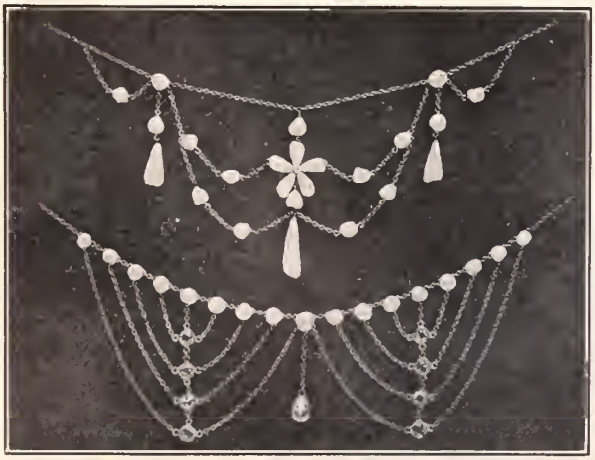
Just A Cuff Button That Cannot Break

Shipped in individual cartons holding 1 doz. pairs. Ask your jobber for them; if he does not supply you, write us. Sample pair furnished jobbers on request.

E. E. STANINGER

Sole Manufacturer

Hartford Bldg. CHICAGO, ILL.



FESTOON NECKLACES

The increasing demand for high grade Festoon Necklaces has compelled us to make up a larger and more varied line of them than ever before, set in combination with Diamonds, Baroque Pearls, Aquamarine, Topaz, Peridots, Amethysts, Turquoise, fancy Sapphires, etc., etc.

CUFF BUTTONS LOCKETS
BROOCH PINS SCARF PINS
BRACELETS

COOPER & FORMAN OFFICE AND FACTORY 3 MAIDEN LANE, NEW YORK

MAKERS OF DIAMOND JEWELRY



IF character and individuality can be symbolized, the "Rose," our trade-mark, stands for what we strive to uphold at all times in our lines of jewelry and watches; full weight and quality, excellence of finish, beauty of design, coupled with a moderate price. It also means that we stand back of every piece we sell, with our established reputation and experience of over forty years. All these facts are of decided value and interest to you. They mean you will obtain and hold the good will of trade and make an excellent profit for yourself at the same time by selling goods bearing "The Imprint of the 'Rose.'"

Henry Freund & Bro.

DIAMONDS, WATCHES, JEWELRY

No. 71 Nassau St., N. Y.

Our Trade-Mark

"The Rose." Stands for Quality and Excellence

"SELLERS OF SELLERS,"

Elk and F. O. E. Goods a Specialty.

DIFFERENCES IN COMBS.

Day, Clark & Company

14 KARAT ONLY

23 Maiden Lane New York

GOODS SIMILAR in their general name may be vastly different in substance, quality and beauty. There is a certain bizarre demand which we do not aim to satisfy. There is a certain refined taste to which this house caters, and, in a measure, *creates*.

These principles are exemplified in the showing of Combs. They are *different* — with the right kind of difference. To specify, the Hand Engraved and other decorations have the richness that is appropriate, but not always found. The use of pearls and gems is always felicitous. Designs have the indefinable artistic touch — never too elaborate, but always sufficiently decorative. Perfection of color completes the effect.

ADOLPH LUTHY. PERCY W. HINE.

LUTHY & HINE,

13 EAST 30TH STREET, - NEW YORK.

MANUFACTURERS OF

Artistic Gold and Platinum Mounted Diamond Jewelry.

Odd and Exclusive Patterns in NECKLACES, BROOCHES, BRACELETS, RINGS, RIBBON COLLARETTES, Etc.

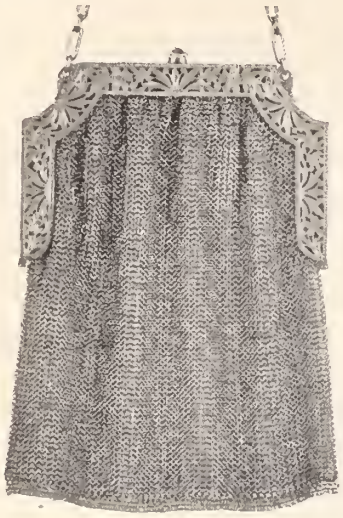
MOUNTED WITH AQUAMARINES, PERIDOTS, AMETHYSTS AND OTHER PRECIOUS STONES.

(DIAMOND MOUNTED COMBS A SPECIALTY.)

·HEINTZ·BROTHERS·



·We Make the Largest Line of Solid Gold Set Rings in America for the Retail Trade·



New Shirred Mesh Bags in Gold and Silver

One of the 100 New Styles and Designs we are showing this season

S. COTTLE COMPANY

Manufacturers of Gold and Silver Bags and Purses

31 East 17th Street New York City

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1. 1. Snap complete
2. 2. Outside of Snap.
3. 3. Inside of Snap.

The E. P. H. Patent

NON-PULL-OUT Neck Chain Snap

is a patented snap that insures the wearer against loss of

CHAIN or CHARM

for it positively will not pull out

Made in 10 and 14 Karat Gold and in Gold Filled.

Can be had of the following Wholesale Selling Agents:

Messrs. W. Green & Co., 81 Nassau St., New York.
M. Sickles & Sons, Philadelphia
E. A. Cowan & Co., Boston
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Swartchild & Co., Chicago
Nordman Brothers, San Francisco
Leonard Krower, New Orleans
A. Walker Co., Providence, R. I.
Bauman-Massa Jewelry Co., St. Louis

PRICES.

14 Karat—Small, $7 per doz. net
Large, $7.50 per doz. net
10 Karat—Small, $6 per doz. net
Large, $6.50 per doz. net
Gold Filled—Small, $2 per doz. net
Large, $2.25 per doz net

ART and SENTIMENT or SIGNET PHOTO-LOCKET RINGS

as Manufactured by

CHAS. M. LEVY

90 William St., N. Y.





No. 1752.



No. 1740.



Send for Illustrated Catalogue of

RINGS and LOCKETS

Showing an Exclusive Line in

Square Quality

Roger Williams Silver Co.,

PROVIDENCE, R. I., AND NEW YORK, 860 BROADWAY.

Sterling Only.

RICH DESIGNS :: :: :: Photos on Application.



BOTTLE OPENERS

Pat. Aug. 14, 1906

This illustration represents one of our many hundred designs in Buckhorn, Ivory, Ebony, Heavy Silver Mounted and Solid Silver, Etched and Engraved. The opener itself is made of the best forged steel, and nothing can excel it in quality and beauty. Excellent sellers for the jewelry trade. Opens the bottle in four different ways.

SEND FOR CATALOGUE

JOHN HASSELBRING

Manufacturing Silversmith

111-113 Himrod Street, BROOKLYN, N. Y.

TRIED AND PROVEN

Since 1877 the

Jewelers' League

has paid to beneficiaries over

$3,320,000.00

without disputing or compromising a single claim.

Those desiring life insurance protection for their wives, or others dependent upon them, should investigate the new monthly table of rates, which offers maximum insurance at minimum cost.

DEATH BENEFITS,

$1,000 to $5,000.

Age limit of Applicants, 21 to 44 years.

For full information address the Jewelers' League of New York, 12 John St., New York City.

SEND THIS COUPON FOR PARTICULARS.

Without committing myself to any action I shall be glad to receive, free, particulars and rates.

Name .....

Age .....

Address .....

THE

A GUARANTEE

LOCKET Ⓡ HOUSE

OF SATISFACTION

ROTHSCHILD BROS. & CO.

51-53 MAIDEN LANE, NEW YORK



Our Lockets ARE 10-K. or 14-K.
They have stood the test for thirty-six years.
How many have been returned to you for unsatisfactory wear?
THIS TELLS THE TALE.

LOCKETS OF EVERY DESCRIPTION
PLATINUM, KNIFE-EDGE AND PEARL PENDANTS

Signet Rings
Bracelets
Combs, Etc.

ALL THE FADS OF THE SEASON
RIGHT GOODS AT RIGHT PRICES

Memo. Orders Solicited

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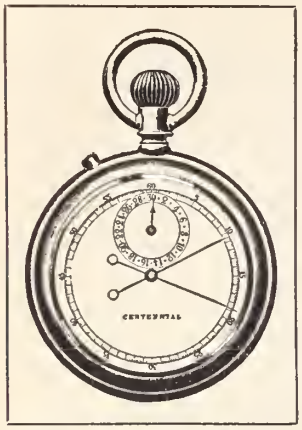
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Sugar and Cream Bowl complete this attractive set.

Colors: White and Gold, Blue, Olive Green and Pink.

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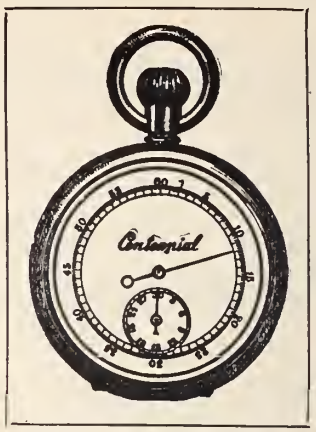
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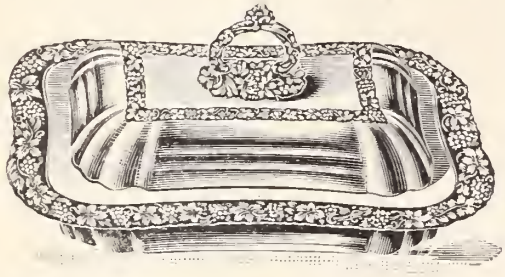
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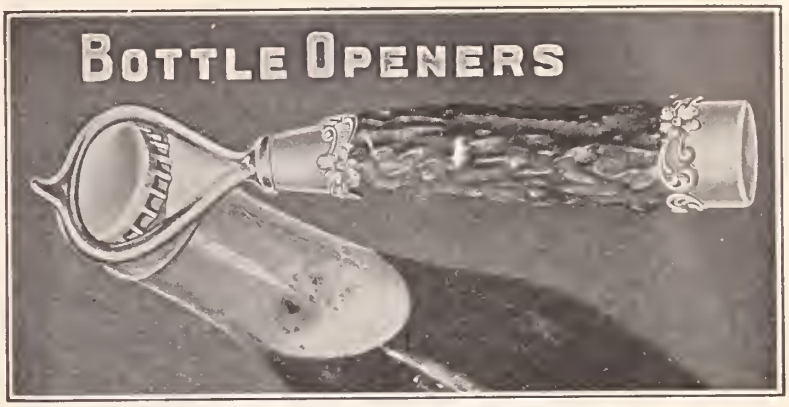
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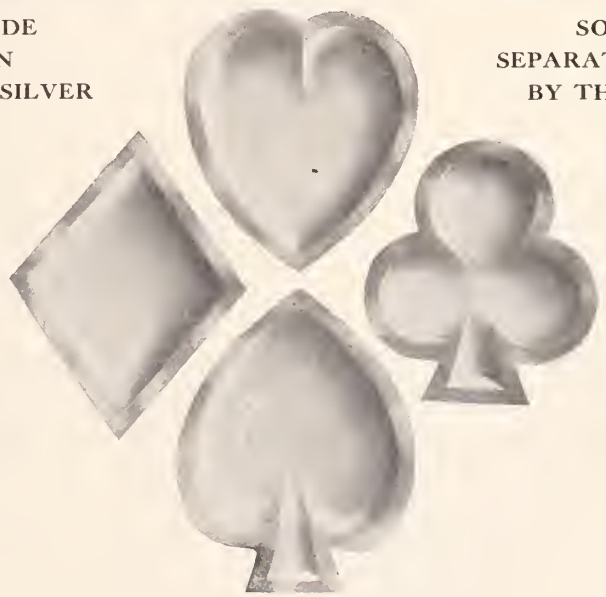
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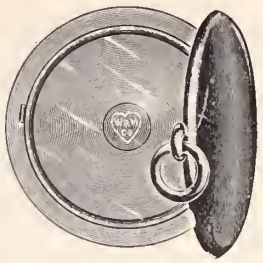
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Providence, R. I.



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Value — Quality

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S.&B.L. ★ CO. Merit Mark in Each Locket

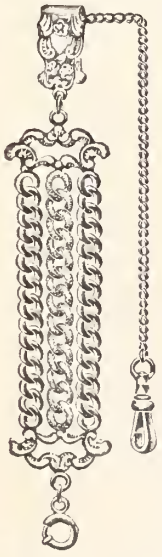


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NORTH ATTLEBORO, MASS.

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¶ All first-class jobbers now carry our Chains in large assortments. Be sure to have a selection of our Neck Chains, Guards, Fobs and Vests.

¶ They will surprise you by their selling qualities. Get your order in early if you want a sufficient quantity of those Kenilworth Bracelets—also Bangles and Signets—as there is a limit this fall.

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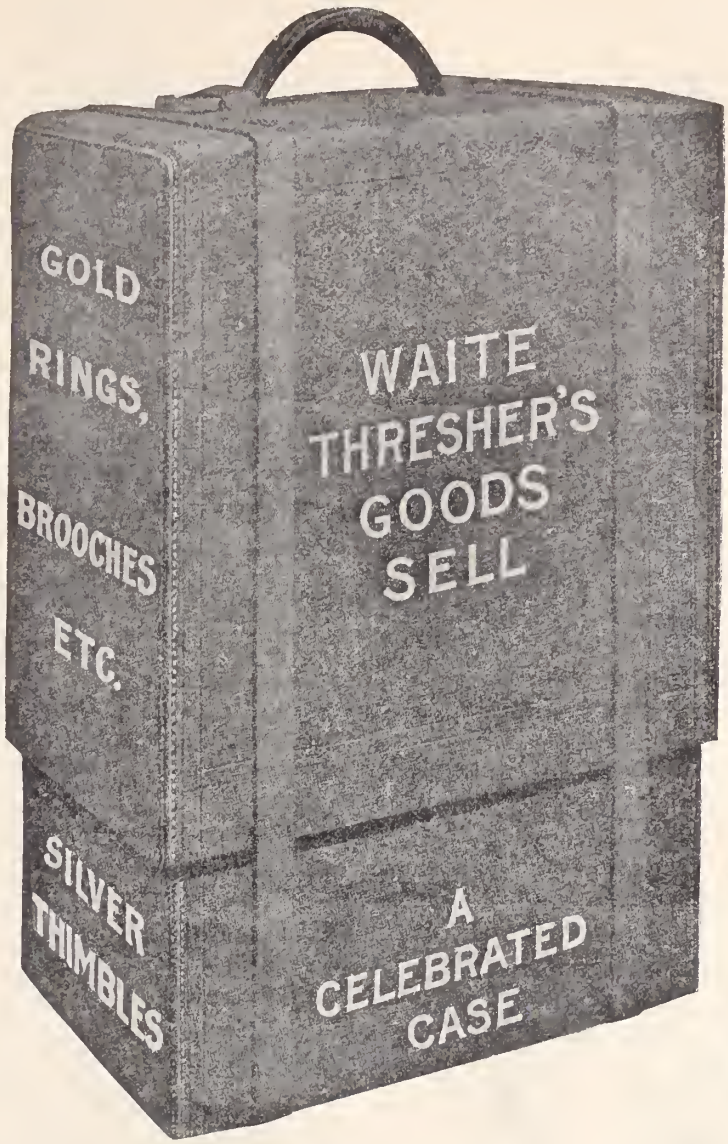
The existing confidence created in our lines during many successful years of progress is conclusive proof of the superiority of our creations. We respectfully call your attention to our new designs for the holiday season in novelty jewelry in sterling silver:

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Holly Sprays and Folding Stars are all the rage now.



Chrysanthemums

No.		Per Doz.
1539P.	Paper Chrysanthemums	$ .40
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ESTABLISHED 1873

Has your HOLIDAY STOCK of Sterling Silver Toilet and Manicure Goods and Sets been ordered?

If not, attend to it at once and insist upon getting goods with the F&B Trade-Mark. They have the QUALITY, BEAUTY and FINISH to attract the best trade and you will find them profitable goods to handle. They sell quickly.

Have you received our new Catalogue, H?

The accompanying illustrations are taken from it and they show a selection from our Gypsy pattern.

ORDER NOW and do not forget to add a few Armlet Bracelets, Lockets, Chains, Crosses, Pendants, Fobs, Neck Chains, Collarettes, Brooches, Earrings, Link Buttons, Scarf Pins, Hat Pins, Barrettes, Buckles, Waist Sets and Hair Chain Mountings.

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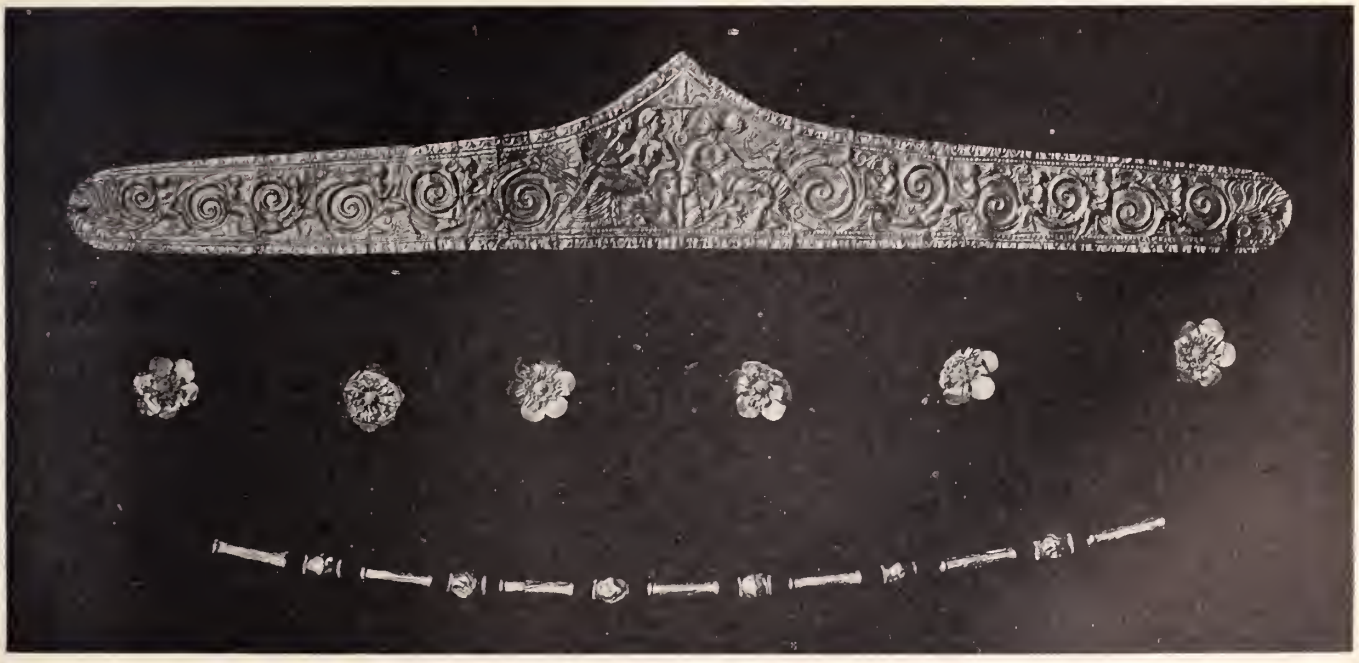
Ancient Greek Jewelry Recently Acquired by the Metropolitan Museum of Art, New York

THE Metropolitan Museum of Art, New York, recently purchased out of the income of the Rogers fund a number of pieces of ancient Greek jewelry which are of extraordinary beauty and importance, and which have an added interest from the fact that they are all said to have been found in the same grave. These are now on exhibition in the Gold Room, and are illustrated in the plates on this page and on the front cover. They include a diadem, a necklace, a pair of earrings, a finger ring, seven rosettes in the form of small flowers, and 19 beads from a necklace, all of them being of the pure yellow gold which was customarily used by the Greeks for their coins and for the better class of their jewelry.

Technical characteristics both of the design and the execution make it possible to date these in the fourth century, B. C., and probably not later than the middle of the century. They therefore represent the art of the Greek goldsmiths at the highest stage of its development, and they do this not unworthily. For, while none of them (with the possible exception of the rosettes) is unique in the strict sense of the word, yet all exhibit a perfection of workmanship which is not surpassed by similar examples in any other collection; and one has only to examine them carefully to understand why the Grreek women, with the keen instinct for beauty which distinguished their race, should have preferred specimens of such delicate craftsmanship for their personal adornment, rather than the mere glitter of precious stones.

The diadem consists of a very thin plate of gold, 14½ inches long and 2⅛ inches wide at the point in the middle (.368× .06m.). Its decorations are entirely of repoussé work, hammered into low but carefully modeled reliefs. In the middle the youthful Dionysos and Ariadne are sitting back to back, their faces turned toward each other. Each holds a long *thyrsos*—the staff with a pine cone at the top, which was the emblem of Dionysos and his followers. Their seat is a conventional design of akanthos leaves, from the center of which rises a large flower. From this group a series of large scrolls runs out to either end of the diadem, terminating in the conventionalized honeysuckle or "palmette" pattern; and between the scrolls are small female figures, seated on the stalk of the vine from which the scrolls spring, all facing toward the center. These little figures, of which there are five on each side, are modeled with the greatest care as to details, no two being quite alike, even in their features. From their occupation there would be no hesitation in calling them Muses were there less than 10; and probably they were in fact intended for Muses, each being regarded as a duplicate of the corresponding figure on the other side, with which it balances exactly in pose and action. On each side the first is playing upon the small Greek harp called the *trigonon*, the second holds a pair of pipes, the third is playing on a lyre, the fourth is singing from a scroll which she holds in both hands, and the fifth is playing on a long instrument somewhat like a lute, which has been identified with the *psalterium*. The combination of these figures with the scrolls surrounding them is gracefully arranged so as to form an uninterrupted design, and the artist has heightened the charm of his composition by introducing minor features, such as the flowers among the scrolls and the three birds on the ground, while on the flowers nearest Dionysos and Ariadne he has placed two grasshoppers.

The necklace is of a type which is not uncommon in Greek jewelry, consisting of a closely woven braid of fine gold wire, from which pendants are suspended by intertwining chains, with rosettes at the points of attachment. The examples of this type vary considerably both in elaborateness of the design and fineness of execution; but it may safely be said that none of those hitherto discovered surpasses this in either respect. It has three rows of pendants, all of which are of the usual amphora shape, pointed at the bottom. Those of the upper row are very small, and linked directly to the ornaments below the braid; those of the middle row are somewhat larger, and are suspended by short chains, with a tiny disk at the junction of each chain and pendant; but those of the lowest row are considerably larger and more elaborate than either. In this row each pendant is hung by two chains, and the chains are fastened by rosettes both to the pendant and to the braid above. Perhaps there is no better means of appreciating the exquisite workmanship of the necklace than by studying these rosettes, especially the row along the bottom of the braid. It will be seen that each is double—that is, it consists of a smaller, five-petaled flower placed over a larger one, both wrought with the utmost delicacy; yet tiny as these flowers are, and thickly as they are massed together, every petal of every flower has a fine, twisted wire running around its edge, and we must remember that this wire was not part of the surface, but had to be soldered to it. Originally, too, the petals were probably enameled with bright colors, though these have disappeared. Still finer than the flowers, however, and so small that they can hardly be recognized without a strong glass, are the fore parts of winged griffins which alter-



GOLD DIADEM SHOWING FINE REPOUSSÉ WORK, ROSETTES AND GOLD BEADS IN METROPOLITAN MUSEUM OF ART.

IF you are a wide-awake retail jeweler, you have been preparing some weeks back for the greatest Xmas business in the history of the jewelry trade.

The year 1906 is a year of optimists, and has no room for pessimists. Are you in the right class?

Referring to your stock of gold jewelry, have you any weak spots in it? Are your lines of rings for man, woman and child; lockets, cuff buttons, shirt studs, vest buttons, as large and complete as they should be for a big business?

If not, may we strengthen these lines through our travelers, the Larter Gold Book or Uncle Sam's Post Office?

Larter & Sons

Ring Makers

21-23

Maiden Lane

New York City



Registered Trade-Mark.

nate with the rosettes in this row, and from which the upper pendants are hung. In the general effect these count for so little, in proportion to the work expended upon them, that we might wonder at its having been thought worth while to introduce such a minute detail, did we not recognize in them a characteristic example of the Greek craftsman's love of his work for its own sake. It should be noted also that these tiny griffins are modeled by hand, not stamped or moulded; and finally, attention should be called to the beauty of the design and execution of the two clasps, as well as to the remarkable preservation of the jewel as a whole.

The length of the necklace is 12⅝ inches (.323 m.). It is therefore too short to have been worn loosely, and must have been fastened close around the neck, like a collar.

The earrings, like the necklace, belong to a type which is not unfamiliar, and like the necklace they rank with the finest examples of their type. The length of each is slightly less than three inches (.074 m.). The design consists of three parts. At the top is a disk, decorated with an elaborate rosette in filigree; from this is suspended a crescent, convex in section, and from this crescent hang three rows of pendants like those of the necklace, also with the double rosettes and the winged griffins where they are attached. It is unnecessary to dwell again upon the beauties of these details, but the middle portion cannot be passed over, as it displays the most delicate and elaborate workmanship to be found in any of these jewels. The crescent is attached to the disk above it by two hooks or hinges, which are masked by floral designs, and at the side of each stands a figure of Eros (Cupid), represented as a slender boy with large wings, just as he is in the larger works of art of the same period, in distinction to the chubby, short-winged infant whom we find in later Greek and Roman art. The floral ornament is carried across from one side to the other, forming a sort of bower, in the midst of which is seated a Muse playing upon a lyre, this minute figure being modeled in full round. The crescent itself is covered with globules of infinitesimal size, which are arranged in groups of four, with marvelous regularity of spacing, and with just enough distance between the groups to give more variety to the surface than would have been possible had they been simply massed together.

The other objects do not call for detailed mention, as they are of less importance, and may be easily appreciated from the illustrations. The flowers show much of the skill of the larger pieces, and are modeled with unusual realism for Greek work of this kind, pistils and stamens being rendered carefully and closely after nature.

The necklace and earrings have been cleaned and repaired by Tiffany & Co., but there are no restorations. The diadem appears to have been cleaned before it came into the possession of the Museum.—E. R., in the *Bulletin of the Metropolitan Museum of Art.*

G. E. Smith & Sons, Parkersburg, W. Va., have presented a new clock to the Criminal Court room at that place.

Can Science Produce Gems Other Than Rubies?

Precious Stone Importers Interested in Question as to How So-called "Reconstructed" Emeralds and Sapphires Are Made.

SINCE the publication in THE CIRCULAR-WEEKLY to the effect that questions are pending before the Board of United States General Appraisers, New York, as to the classification and duties on importations of so-called reconstructed emeralds and sapphires there has been much discussion of the subject in the trade. The facts in relation to the particular cases were brought out quite fully in the issues of Oct. 3 and 10. Naturally, in talking over the matter people in the trade recall the reconstructed ruby cases which, from a customs point of view, have been settled. The numerous reports, circulated from time to time, about efforts to manufacture diamonds and pearls, come into the consideration of the subject.

Summing up developments in the attempts to make by artificial means stones that will be the same in chemical and physical qualities as the natural stones, a prominent dealer said:

"The manufacture of diamonds, though a physical possibility, has proved of no commercial importance, because the artificial stones cost vastly more than the natural diamonds, and besides have no beauty or value as gems. Of the imitation of pearls there is no end, but as far as anybody knows not a pearl has ever been produced that has the chemical constituents of the natural gem.

"The manufacture of rubies has been carried so far that the reconstructed stones are of the same chemical qualities as natural rubies. In this line the artificial stone has become a factor in the trade.

"Whether emeralds and sapphires may also be made by artificial means is yet to be demonstrated."

Testimony was introduced before the Board of United States General Appraisers that the "reconstructed" emeralds are real aquamarines artificially colored. As emeralds and aquamarines are both beryl, with no difference except in color, the significance of the claim is apparent. Jewelers and experts in New York have been surprised by this contention and have been loath to express opinions until they see specimens of the stones.

The testimony as to the character of the "reconstructed" emeralds was not at all conclusive, however, and attorneys are now trying to learn from Europe how the stones are made. If they are of glass they would fall under the head of imitations dutiable at 20 per cent.

In the reconstructed ruby case there was no question that the stones were not of glass, but were of the same chemical materials as natural rubies. An effort was made by the importers to show that the stones were made by fusing small natural rubies at high temperature. The Government claimed that the stones were made by mixing alumina and other materials in a crucible.

The General Appraisers held that, irrespective of the question as to the process of making the stones, they were, under the similitude clause of the tariff law, dutiable at 10 per cent., the same as natural precious stones that are advanced in value. This decision, in favor of the importers, has been accepted by the Government, so that reconstructed rubies are now imported regularly on payment of the 10 per cent. duty.

The opinion is freely expressed that in all cases of this kind the amount of duty involved is of secondary importance to the importers, as well as to other people in the trade, the main point being as to the status which the stones may receive in the trade and in the public estimation as a result of the decisions.

M. D. Rothschild, of the American Gem & Pearl Co., 14 Church St., when asked by a representative of this paper for his opinion as to recent developments in the imitation of precious stones, said: "As I have not seen any of the so-called reconstructed emeralds I would not like to say anything about them just now. I do not know whether or not they are imitation stones identical with natural stones in such qualities as specific gravity, hardness, dichroism and refraction. That is the case in so-called reconstructed rubies.

"Imitations of sapphires, which were called reconstructed sapphires, were brought to me Oct. 4 for examination. They had been bought in Europe as reconstructed sapphires, and were being offered in this market under that name. I found them to be ordinary glass and not even good imitations. It is possible, of course, to make glass of a specific gravity conforming to that of the precious stones which are being imitated, but no attempt was made in this case to do so. There was a specific gravity of 2.34 instead of 4.

"A glance at these so-called reconstructed sapphires would satisfy anybody who knows much of precious stones that they are much too light in weight. One-carat stones made of this glass had the appearance of being nearly two-carat sapphires."

When asked his opinion as to the place of reconstructed rubies in the trade, Mr. Rothschild said that in his judgment they have come to stay, as a fine class of imitations, and should be sold only as such. He believes that this country should follow the example of France, which long ago passed a stringent law against the selling of reconstructed rubies as natural stones or anything except as what they actually are.

Mr. Rothschild said he believes that reconstructed rubies may be made by the process of fusing small or comparatively worthless rubies, perhaps adding chromium to give required coloring. He believes, however, that commercially no stones are made in this way, and that the reconstructed rubies in the market are made by the well-known chemical process, in which alumina and other materials are mixed to produce the results. From a commercial point of view, he said, it is a matter of indifference whether the stones are made by one process or the other, although there might be a little more sentimental value if they were made of real or natural rubies. It behooves the trade, Mr. Rothschild suggested, for buyers to get as much information as possible about the various so-called reconstructed stones that are being bought in Europe and sold in this country. The trade naturally looks to the importers to know all about the articles, so that there may be no deception.

When the attention of a large importer, who deals in both natural and imitation stones, was called to Mr. Rothschild's statement the importer said: "That is right as to the sapphires. There are no reconstructed sapphires."

As to emeralds, the importer showed two kinds. One lacked in hardness as indicated by the action of a file. The other was made by joining together two halves, each light-colored emeralds or aquamarines, while the deep-green coloring was imparted by paint placed where the pieces were joined. These stones were designated by the importer as soldered or scientific emeralds. He was free to admit that in his opinion no reconstructed emeralds have yet been made, in the sense that the term "reconstructed" is applied to rubies. The emeralds on which he made marks were, of course, of glass.

"Can reconstructed rubies that you are now getting be readily distinguished from the natural stones?" was the question put to the importer, and he replied:

"There are several grades of the reconstructed rubies. The best are not easily distinguished from real stones. The public certainly cannot tell the difference. I doubt if many retail jewelers can tell. Sometimes even an importer or expert cannot tell from a mere look whether or not a stone is a reconstructed ruby. A careful examination may be necessary to reach a decision. As a rule, the reconstructed rubies have bubbles or defects that may be seen with a powerful glass. The luster of the reconstructed is not as brilliant as that of the natural stones.

"We can get the reconstructed stones in all sizes. The prices now are much less than they were when these stones first made their appearance. Then they brought as much as $80 a carat. Nobody knows to what extent these reconstructed stones are sold to people who do not know that they are not getting natural rubies. When the reconstructed stones are placed in settings it is especially difficult to detect them. Put one of these rubies in a cluster of diamonds, which cast some of their brilliancy on it, and nobody can say whether the red stone is a natural or an artificial product without taking it out of the setting."

Several dealers were asked if the reconstructed rubies have injured the value or sale of natural rubies. They said that the values of the natural rubies are as high as ever, but that there are not as many sales being made, especially in smaller sizes, because the reconstructed stones are used instead. "The natural stones," said a recognized expert, "are like the paintings of the great masters. They may be imitated, but the value of the originals is not depreciated by any number of imitations."

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NEW YORK

General Appraisers Render Decisions Differentiating Between Millinery Ornaments and Jewelry.

Millinery and dress ornaments of various kinds has been before the Board of United States General Appraisers, New York, in the last week, for classification and the fixing of customs duties. The Board's conclusions were set forth in a batch of decisions which were announced last Friday.

The Board divided most of the articles into two classes, one of which was jewelry, dutiable at 60 per cent. The other class was dutiable at 45 per cent., the articles coming under either Par. 112 of the Tariff Law, providing for manufactures of glass or paste or under Par. 193, providing for manufactures of metal not otherwise enumerated. The cases came before the board in the form of protests from the action of the Collectors, who had claimed the 60 per cent. duty on all of the consignments. Nearly all the protests were against the rulings of the Collector at New York.

In some instances the importer brought in the consignments, dozens of articles varying largely in material, workmanship and degree of ornamentation. In such cases the Board carefully classified all these articles, sometimes sustaining the Collector as to a part of the merchandise and reversing his rulings as to other portions.

S. W. Wyler & Co.'s protest against the action of the Collector in holding a shipment of dress ornaments to be dutiable as jewelry at 60 per cent. was reversed, the Board holding that all the articles came under either Par. 112 or Par. 193.

Mills & Gibb filed a protest against the ruling of the Collector. He was reversed as to millinery ornaments, buckles, clasps, certain hat pins and purses, which were held to come under the 45 per cent. rate. A class of hat pins with ornamental heads were held by the Board to be jewelry, and as to those the Collector's action was sustained.

J. & H. Rosenberg brought in among other things millinery ornaments in imitation jet. The Collector was reversed in classifying these ornaments as jewelry, the Board placing them in the 45 per cent. class. Other ornaments, imported at the same time, were properly assessed as jewelry, the Board held.

Brooches imported by A. L. Mathews were held to be properly dutiable at 60 per cent. as jewelry, the action of the Collector being sustained by the Board. The importer tried to get the 45 per cent. duty.

Celluloid combs set with rhinstones were held by the Board to be dutiable at 60 per cent. duty, and the action of the Collector was affirmed.

Brass snaps imported by Albert Lorsch & Co., were held to be dutiable at 45 per cent. under Par. 193, and the Collector who imposed the 60 per cent. duty, holding the articles to be jewelry, was reversed. The Board pointed out that the snaps were not washed with any precious metal and that no attempt had been made to give them the appearance of gold or silver.

The Collector was reversed in classifying metal buckles and other ornaments imported by J. & H. Rosenberg as jewelry. The Board held that the importers were correct in their contention for a 45 per cent. duty.

Imitation precious stones mounted in metal settings, or on screw backs, for use in making women's back combs, were held to be dutiable at 45 per cent. The articles were imported by Pitt & Scott, and were classified under Par. 112 and Par. 193 by the Collector, who was sustained. The importers tried to get the 20 per cent. duty provided for imitations of precious stones by Par. 435. The Board pointed out that these articles were excluded from this section because they are mounted or set.

Neck chain snaps made of metal were declared to be dutiable at 45 per cent. under Par. 193. The snaps, which were imported by the American Bead Co., were returned at 60 per cent. as jewelry by the Collector, whose decision was reversed.

Necklaces whose chief value was in glass beads were held to be properly dutiable at 60 per cent. under the jewelry clause or alternatively under Par. 408, providing for articles made in whole or in part of beads. The importers, R. F. Downing & Co., claimed that the beads should be classified under Par. 112 or Par. 113, but their protest was overruled.

The Scruggs, Vandervoort & Barney Dry Goods Co. protested against the ruling of the Surveyor at St. Louis. The protest was sustained as to several kinds of ornaments in relation to which the Board agreed with the importers that the duty should be 45 per cent. under Par. 112 or Par. 193. As to other articles the Surveyor's action in classifying them as jewelry was affirmed. Among the articles held to be jewelry were flower holders in burnished brass set with imitation diamonds, combs set with imitation precious stones, bead necklaces, chains, brooches, bracelets and crosses.

Imitation precious stones imported by Albert Lorsch & Co., were held to be dutiable at 45 per cent. under Par. 112, thus affirming the action of the Collector. The importers claimed the 20 per cent. duty for imitation of precious stones under Par. 435. The Board held that superadded decorations required a higher duty.

The protest of the Manhattan Chain Co. in relation to cheap snaps was sustained, the Board holding that they are to be classified under Par. 193, at 45 per cent.

Wm. H. Steiner & Co. were overruled in their protest against the action of the Collector in assessing a duty of 35 per cent. on pierced imitation pearls, which he held to be beads not threaded or strung, coming under Par. 408. The protest of the importers in relation to a consignment of coral settings for jewelry was sustained, the Board holding that the articles were dutiable at 20 per cent under Par. 435, providing for imitations of precious stones.

G. W. Sheldon & Co. imported a quantity of buckle slides and hatpins which the Board held were dutiable at 45 per cent., and as to such articles the Collector, who classified them as jewelry, was reversed. Other articles imported at the same time, including neck chains, necklaces, brooches, hatpins with ornamented beads, and some kind of combs were held by the Board to be jewelry, and as to them the action of the Collector was affirmed.

The protest of Charles H. Wyman & Co. against the action of the Surveyor at St. Louis in imposing a 60 per cent. duty on a consignment of millinery ornaments was sustained except as to certain pins with ornamental heads, and as to them the Collector's ruling was affirmed.

Metal buckles imported by Kunstadter Bros. were assessed by the Collector at Chicago at 60 per cent., and he was reversed, the Board holding that the articles were entitled to the 45 per cent. duty.

The Surveyor's decision was reversed as to a quantity of buckles and other ornaments imported at St. Louis by the Richard Haulon Millinery Co., the Board holding that these articles were dutiable at 45 per cent. and not at 60 per cent.

Necklets, whose chief value were beads, imported by the Jordan, Marsh Co., were classified by the Board as jewelry, and the Collector's action in calling for 60 per cent. duty was affirmed.

Foiled back jewels made of paste were held to be dutiable at 20 per cent. as imitations of precious stones. The jewels were imported by Morris Goldberg, and the Collector called for a 35 per cent. duty under Par. 408 relating to beads.

Test Suit to Have Fine Coral Classified for Duty as a Precious Stone.

A decision is expected from the Board of United States General Appraisers, New York, within a week or so on the question as to whether coral, when advanced in value by cutting, carving and polishing, may be admitted on paying a 10 per cent. duty, the same as the rate for precious stones that have been cut. The specimens in the test case are all of fine hard coral, cut into round oval, pear or other shapes that fit them for setting in jewelry. The articles are, therefore, similar to precious stones in shape and in the purposes for which they are designed.

If these specimens should be imported in the settings in which they are ultimately to be mounted, they would be assessed as jewelry at 60 per cent. A. H. Washburn, the attorney for the importers, will argue from these and other facts that under the similitude clause of the Tariff Law the coral objects should be classed as precious stones. Until now coral, thus advanced in value, has been assessed at 45 per cent. as a manufacture under Par. 115 of the Tariff Law. The attorney for the importer claims that this paragraph was intended to cover articles of utility and not embrace those that are to enter into jewelry.

No effort is being made in the pending cases to get a lower duty on coarser grades of coral or on any quality except when it has been so cut or carved as to prepare it for setting in jewelry. The coral in the rough is admitted free of duty.

The store of C. Barnhart, in the Walker Valley, N. Y., was entered by burglars recently, and $300 worth of miscellaneous stock was stolen. Mr. Barnhart has been ill for some time, and it is believed that the thieves knew this and took advantage of his absence.

The police of Hamilton, O., recently received word from Jackson, Mich., that Peter Foutz, a prisoner in the county jail at Dayton, was wanted in that city for robbing the jewelry store of W. W. Bugg. Part of the loot taken from the jewelry store was found in the possession of Foutz when he was arrested in Hamilton.



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ANNOUNCEMENT

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475 Fifth Avenue

(Farmers' Loan & Trust Co. Building)

an establishment in addition to our downtown quarters which will continue to be maintained as heretofore.

The Fifth Avenue location is especially convenient for Jewelers in the fashionable up-town districts and for visitors arriving by the Grand Central Depot and the new Pennsylvania Terminal in course of construction. Indeed, it is readily accessible by all lines of transit.

In this new and attractive establishment will be displayed the superior showings of important pearls and high grade gems with which we have long been identified.

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NEW YORK

Career of the Late Ernest Ludeke.

The funeral of Ernest Ludeke, a well-known retired manufacturing jeweler and diamond importer, and the founder of the business now continued by Ludeke & Heiser, 170 Broadway, New York, whose death was briefly recorded in last week's issue, took place Thursday evening of last week at his late residence, 812 Hudson St., Hoboken, N. J., and was largely attended. In accordance with his wishes the remains were cremated.

Mr. Ludeke was born at Elze, near Hanover, Germany, 66 years ago. He learned the jewelry trade in Hanover and afterward worked at it in Geneva, Paris and London.



THE LATE ERNEST LUDEKE.

In 1865 he came to New York, and for a year was in the employ of Tiffany & Co. Then he formed a partnership with Anthony Hessels under the firm name of Hessels & Ludeke. For many years this firm was in business at 23 John St. as manufacturers of jewelry and importers of precious stones.

In 1884 the firm dissolved and Mr. Ludeke continued alone for one year under the style of Ludeke & Co. At the end of the year his nephew, Adolph Ludeke, who is a member of the present firm, became a partner, and the business continued under the style of Ludeke & Co. until Feb. 1, 1903, when Ernest Ludeke retired. The changes since then in the firm's style have been to Ludeke & Power and to the present firm of Ludeke & Heiser.

Many friends heard of Mr. Ludeke's death with sincere regret. He was a companionable man who won the high esteem of those about him. That he thoroughly understood the jewelry business was shown by his successful career in it. He was a man of domestic habits, and since his retirement from business passed the years enjoying with his family the rest which he had so justly earned.

Death of Harry Gillespie.

HARTFORD, Conn., Oct. 24.—Harry Gillespie, a jewelry repairer located at 58 Asylum St., this city, died Monday, of cancer, at his home, 6 Pavilion St., aged 38 years. The deceased had suffered from the disease which finally proved fatal for the past three years.

Mr. Gillespie began business here about 10 years ago at 2 State St., moving afterwards to 884 Main St., and later to the store which he occupied at the time of his death. He is survived by a widow and three children.

Gem Dealers Deny Report That Real Pearls Are Imitated Otherwise Than in Glass.

Several authorities on pearls were asked during the last week by a representative of this paper if in their judgment any imitation pearls have been manufactured in a calcareous concretion giving to them the same chemical constituents as real pearls possess. Reports have been circulating that pearls of this character have reached the market from Paris. It has been said that some of the imitations recently sold to the trade along the Wabash, as reported in THE CIRCULAR-WEEKLY of Oct. 10 and Oct. 23, were of this kind. The dealers in this city who were seen were unanimous in expressing the opinion that all the imitations now in the market, even the most skilful, are made of glass.

Dealers say that imitations of the best grade are probably made by the well-known process of coloring the interior of hollow glass spheres with fish scale solution and filling the center with wax or some other material so nicely put together as to give to the article approximately the weight of an actual pearl of the same size. Various modifications of the process are being made, it is said, as the manufacturers are constantly striving to get better results, and each maker claims that his output simulates most closely the work of Nature. The efforts to make pearls that would have the same materials as are excreted from the oyster's mantle and would have the luster and other qualities of gems, say authorities, have been going on for hundreds of years without success.

Death of Henry N. Prill.

BRADFORD, Pa., Oct. 24.—The death of Henry N. Prill, which occurred Sunday night, is the cause of deep regret to his many friends in this city. Mr. Prill passed away at the hospital where he was receiving treatment for a complication of diseases. Although his condition was serious, it was hoped by his family and friends that he would recover almost up until the last moment.

Deceased was 45 years old, and was widely known and well liked. He had lived in Bradford for 21 years, and had been in the jewelry trade for a long time. When the firm of L. Emery & Co. opened a jewelry department, Mr. Prill was put in charge and by his business sagacity and ability conducted it successfully for a number of years. After the department was discontinued, Mr. Prill, in January, 1902, purchased the stock and opened a store for himself at 1 Main St., which he continued up until his illness. He was noted for his honesty and integrity as well as his sterling qualities as a business man, and this helped to build up for him a large and important clientele.

The deceased is survived by a widow and one son.

Wm. H Runkle, Lisbon, Ia., has disposed of his stock, at that place, to C. R. Runkle.

The Trade in London.

Conditions Improving and Good Holiday Trade Expected—Rise in Silver Affects Manufacturers—Trouble in the N. A. G.

LONDON, Eng., Oct. 15.—There is a remarkable fillip in trade just at present, and it would appear that the Christmas trade in England, so far as the jewelry and allied industries are concerned, is likely to be a good one. It is quite time something happened; we have been through an exceedingly bad time.

There is one unfortunate matter which affects the silver trade and that is the increasing price of silver. In very small articles it does not matter much, but when it comes to a question of ounces, in these days of keen competition, a half-penny or penny per ounce makes a big difference; a glance at the rising market will show that it does not stop at half-pennies and pennies, and consequently manufacturers have to contend with considerable difficulties in the attempt to get a little more for their products and thus make up for the rising price of the metal. Other metals are also on the up grade, copper particularly so. I can remember when the duty was on silver here, and when it was 5s. per ounce, but many of the retail buyers either forget or will not remember that silver was within the last 25 years twice its present value.

Matters are getting in a very serious way with our National Association of Goldsmiths. I have hinted previously that it was to be hoped the American National Retail Jewelers' Association would not follow on the lines of the British one and develop into practically a one-man show. It would appear that the secretary of our N. A. G. has been drawing up leaflets and making charges broadcast without the consent of his executive, and that the chairman has publicly repudiated his connection with the documents. Still it is not particularly interesting, I presume, to my American readers, this want of a businesslike capacity on the part of business men who belong to what should be a business organization. I simply remark upon the fact, and have previously mentioned it, because I think it would be well that American jewelers should know the shortcomings of the much older national association, which looks as though it were on the decline owing to want of interest on the part of its members and the complacency of its executive. It has been admitted that for a year not a single executive meeting was held, and so the secretary has bossed the association!

The diamond market improved slightly as compared with the last of September, as there was a better demand for polished goods, especially in the larger sizes. Small-sized stones of good quality are at present difficult to sell at a profit, owing to the high wages paid to the cutters and polishers which makes the selling price very high.

ST. GEORGE.

During a fire which recently broke out in Brazil, Ind., the stock of A. D. Lemon, a retail jeweler of that place, was damaged to the extent of $100. The total damage to the business district was estimated as being about $10,000.

LARGEST IN THE WORLD

EDUARD VAN DAM
DIAMOND CUTTER

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ANTWERP — 61 Rue de la Province (Sud)

NEW YORK — 23-27 City Hall Place

AMSTERDAM — 2-10 Albert Cuypstraat

LONDON OFFICE, 31 Holborn Viaduct

Eastern Manufacturers Dine.

Members of New England Manufacturing Jewelers' and Silversmiths' Association Hold Annual Session.

PROVIDENCE, R. I., Oct. 27.—Probably never in its history has the corporation of the New England Manufacturing Jewelers' and Silversmiths' Association held a more enthusiastic and interesting meeting than that of this evening. The gathering assembled in Free Masons' Hall on Dorrance St., and from start to finish the occasion was enjoyable. The prosperous condition of the trade, the growing strength of the association, and its increased importance in the field of activity which it covers were



WILLIAM A. COPELAND, PRESIDENT.

all causes for congratulation. In addition to this the papers read and the brief addresses given were most helpful in their nature, and served to bring forth ideas helpful and stimulating to all who heard them.

Prior to the business meeting of the association dinner was served, a representative number of the membership being in attendance. There was an absence of formality, and only members and a few invited guests were present, admission being by card. Dinner out of the way, President William A. Copeland rapped for order and the business of the meeting was taken up, Harry M. Mays acting as secretary *pro tempore* in the absence of the regular secretary.

When reports were called for Secretary Hancock and Treasurer Holmes set forth the conditions of membership and finances, a gain being shown in both. President Copeland told interestingly and pertinently of plans for the future of the association, his remarks being listened to with deep attention and meeting with hearty applause. As chairman of the advisory council, Harry Cutler outlined what the body of which he is the head had accomplished and hoped to accomplish, after which came a series of helpful addresses. Nathan B. Barton told of "The Factory System"; E. C. Ostby described the progress of the scholarships maintained by the association at the Rhode Island School of Design; Theodore W. Foster told of the stamping bill recently passed by Congress and the benefits that the manufacturers expected would accrue from it; ex-President Henry G. Thresher set forth his views on the "Value and Needs of Our Corporation," the whole forming one of the most comprehensive and interesting series of addresses that the association has ever listened to.

The following officers were then chosen: President, William A. Copeland, Providence; vice-presidents, Albert A. Bushee, Attleboro, Theodore W. Foster, Providence, and George K. Webster, North Attleboro; treasurer, George H. Holmes; secretary, Harry M. Hays; directors, Roswell C. Smith, Frank B. Reynolds, Charles M. Robbins, Harry Cutler, Arthur O. Ostby, Charles T. Paye, Herbert L. Spencer, Everett I. Rogers, William P. Chapin.

The Advisory Council selected are: Theodore W. Foster, William P. Chapin, George K. Webster, Roswell C. Smith, Harry Cutler, Arthur O. Ostby, Albert A. Bushee, Charles M. Robbins, J. Thomas Inman, T. S. Carpenter, Charles T. Paye, Walter B. Ballou, E. Crees, Everett L. Spencer, Everett I. Rogers, George H. Holmes, Charles E. Hancock, Wade Williams, Alfred K. Potter, Harry M. Mays, George H. Cahoone and Frank B. Reynolds.

The meeting adjourned at a comparatively early hour, after expressing a general opinion of gratification at the interest and success of the meeting.

Search for John H. Sweger, Lewiston, Pa., Instituted by His Business Associates.

LEWISTON, Pa., Oct. 24.—There was considerable surprise among the many friends in this town yesterday when the news that a search was being made for John H. Sweger became known. Mr. Sweger is president and manager of the Mifflin County Jewelry Co.'s store, and stands high in the business world here. He left this city for New York two weeks ago on a business trip, and has not returned since that time. Complaint, it is said, has been made as the result of investigation by the other members of the company, which led to the discovery that jewelry was missing from the stock. Whether Mr. Sweger has skipped out, or has met with an accident which has kept him from communicating with his friends, time alone will tell.

Mr. Sweger has been in the jewelry business for many years. He was originally at Lykens, Pa., but sold out there in 1894, and moved to Paterson, N. J. He also continued a store at Mifflintown at about that time, but met with reverses and was forced to the wall in 1896. He then did a repair business for about four years, and after going through bankruptcy started up in Lewiston. In the Summer of 1903 he opened a store here under the style of the Keystone Jewelry Co., and in 1904 the business was reorganized and incorporated under the style of Mifflin County Jewelry Co., with a capital of $25,000, of which $11,700 is paid in. Mr. Sweger was president of the company; W. W. Cunningham, treasurer, and W. Elders Ulsh, the secretary, while the stockholders have been composed of eight of the principal residents of Lewiston.

The concern has been managed successfully by Mr. Sweger up until his departure for New York.

Daring Thieves Rob Window of Hoboken Jewelry Store in Crowded Street.

HOBOKEN, N. J., Oct. 25.—Window smashers operated boldly last Saturday night at the store of Marcus Weintraub, 115 Washington St., and stole a pair of diamond earrings which the jeweler valued at $700. The police, it is said, had received a warning that thieves intended to do something of this kind at Bernhard Braunstein's store, 121 Washington St., and a policeman was stationed in the vicinity. The thieves then shifted the scene of operations to Mr. Weintraub's store. A brick wrapped in a piece of carpet was hurled through the show window by one of the men, and in an instant another had seized the diamond earrings. This was done early in the evening while the store was open and there were crowds of shoppers on the street.

The thieves ran through the crowds. Policeman Michael Wallace, in citizen's clothes, heard the crash and saw two men running. With the assistance of citizens he caught the two men, who gave the names of William Spernelli, 162 Greenwich St., New York, and Frank Larello, 165 Christopher St., New York.

The police say that after the prisoners, who were both under 20 years of age, were placed in cells Larello made a confession to a detective, supposing that the latter was a fellow prisoner. As a result Frederick Larello, brother of one of the prisoners, was subsequently arrested in New York, it being supposed that he threw the brick. Spernelli is said to have seized the earrings while Frank Larello acted as a sentinel. The card to which the diamond earrings were attached was found in Spernelli's pockets, it is said, but the diamonds were not recovered.

Frederick Larello is detained in New York to await extradition, and the other two prisoners have been held for the Grand Jury.

Jewelers' Gold Bars Withdrawn and Exchanged at New York.

Week Ended Oct. 27, 1906.

The U. S. Assay Office reports:

Gold bars exchanged for gold coin	$610,612.24
Gold bars paid depositors	105,744.12
Total	$716,356.36

Of this the gold bars exchanged for gold coin are reported as follows:

Oct. 22	$159,104.50
" 23	107,784.38
" 24	52,178.78
" 25	147,959.60
" 26	77,018.84
" 27	66,566.14
Total	$610,612.24

J. R. Campbell, Stamford, Conn., has admitted Geo. H. Tharmer, formerly with E. B. Meyrowitz, New York, as a partner in his business, which will be continued under the name of Campbell & Tharmer.

HAYDEN W. WHEELER & CO.

HW

Trade-Mark Registered.

AMSTERDAM
2 TULP STRAAT

MOUNTED DIAMONDS

Our salesmen are now out and showing larger and more varied stocks of Mounted Diamonds than ever before.

If they do not call on you, your mail or telegram order will receive prompt attention.

RINGS, BROOCHES, SCARF PINS, NECKLACES, LA VALLIERES, BRACELETS, STUDS, EAR RINGS, SLEEVE BUTTONS.

HW

Trade-Mark Registered.

LONDON
50 HOLBORN VIADUCT

2 MAIDEN LANE, NEW YORK TELEPHONE 7365 CORTLANDT

Oppenheimer Bros. & Veith,

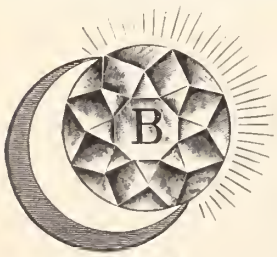
Cutters of Diamonds,

65 NASSAU ST. (PRESCOTT BUILDING), NEW YORK.

AMSTERDAM,
2 Tulp Straat.

LONDON,
40 Holborn Viaduct.

CUTTING WORKS,
Cor. Union & Nevins Sts., Brooklyn.



TRADE MARK.

A. C. BARD & CO.

IMPORTERS AND CUTTERS OF **DIAMONDS**

Loose or mounted goods on memo. to responsible dealers.

103 STATE ST., CHICAGO. COLUMBUS MEMORIAL BUILDING.

JOS. NOTERMAN & CO.

DIAMONDS

IMPORTERS AND CUTTERS

Recutting and Repairing odd shaped and chipped stones a specialty. Manufacturers of Mountings and Fine Jewelry. Special Designs Furnished.

CINCINNATI, OHIO.

HENRY E. OPPENHEIMER & CO.,

51 Holborn Viaduct, London.
50 Rue de Chateaudun, Paris.
7 Place Loos, Antwerp.

Tel. 621 Cortlandt.

3 MAIDEN LANE, NEW YORK.

DIAMONDS, PEARLS AND PRECIOUS STONES.

MEMORANDUM ORDERS SOLICITED.

Trenor P. Judd, Syracuse, N. Y., Files Bankruptcy Petition After His Stores Are Closed by the Sheriff.

UTICA, N. Y., Oct. 26.—Trenor P. Judd. with jewelry stores at 102 E. Fayette St. and 517 Kirk building, in Syracuse, sought relief to-day from financial embarrassment by filing a petition in voluntary bankruptcy. Judd's stores were closed yesterday by the Sheriff under a judgment for a small amount. The Sheriff levied upon the stock and fixtures, and announced that there would be a sale on Wednesday at 10 o'clock. Mr. Judd, however, decided to go into bankruptcy, and about the time his petition was filed to-day about half a dozen creditors filed a petition in involuntary bankruptcy, and secured an order restraining the Sheriff's sale next week.

Judd's principal store was in the Rosenbloom building, and it was known as "The Little Shop." He also had an office in the Kirk building.

The schedules filed with the petition show: Liabilities, secured claims, $611: unsecured claims, $5,986.83; total, $6.597.83. Assets, stock in trade, including pledged claims, $4,200. George D. Chapman, of Syracuse, has a claim for $300 on a demand note, dated Sept. 20, 1906. This claim is secured by a chattel mortgage on the stock. E. L. Betts, Syracuse, has jewelry valued at $600 to secure a claim for $311 for store rent.

The unsecured creditors number 65, and among them are: M. J. Averbeck, $182.25; I. Emrich & Co., $57; D. Lisner & Co., $61; Colne & Co., $50; Goldsmith, Loeser & Auslander, $90; Max G. Cohn & Co., $68; Baum, Lenz & Cohen, $45; M. Guggenheim, $206; Schwartz Bros. & Co., $223; Wiener Bros., $50; Klipper Bros., $55; Cohn & Rosenberger, $102; A. Trenkmann, $207; Butler Bros., $33; Diamond Point Pen Co., $62; R. A. Briedenbach, $204; Cheever, Tweedy & Co., $326; F. S. Gilbert, $54; Furbish, Swift & Fisher, $57; A. H. Bliss Co., $385; Standard Chain Co., $36; W. H. Saart Co., $56; Bristol Mfg. Co., $157; James E. Blake Co., $32; F. H. Hill & Co., $31; Rothschild Bros. Co., $44; P. J. Cummings & Co., $123; Read & Lincoln, $23; Waite, Mathewson & Co., $149; E. L. Spencer Co., $159; William Loeb, $47; M. F. Williams, $64; Goldsmith & Harzberg, $22; R. L. Griffith & Son Co., $474; Albro & Kettlety, $18; L. Davidsberg, $43; S. K. Merrill & Co., $42; Smith Bros., $36; George H. Holmes Co., $58; A. Pollard & Co., $20; J. Sollinger & Co., $84.38; Marden & Kettlety, $56; Morgan Jewelry Co., $117; F. E. Bennett Co., $57; F. H. Mooney, $35; Armstrong Braiding Co., $141; Pickering, Metcalf Co., $72; Lenzen & Rueckert, $47; W. P. Hitchcock, $52; Fisher & Gere, $99; Hannah M. Bostable, $600; M. L. Cohen, $52; P. A. Coon Silver Co., $62.

Judd lists his assets as follows: In store 102 E. Fayette St., stock and fixtures, $1,300; at 517 Kirk building, $800; in possession of L. T. and E. L. Betts, $604; in possession of George D. Chapman, $1,500.

It is possible that creditors will attack the transfer of the stock to the two secured creditors. The two petitions will probably be consolidated, and sent to Referee Stone at Syracuse, and he will call a meeting of creditors.

Pittsburg Jewelry Salesman Accused of Larceny Arrested in New York.

PITTSBURG, Pa., Oct. 27.—Detective Leff, of the Pittsburg police, left to-night for New York to bring back to this city Bango S. Jaffe, who is wanted to answer a charge of robbing the Castleberg Jewelry Co., 408 Smithfield St., of $5,000 worth of diamonds. Jaffe left the city several weeks ago, and soon thereafter it was charged that he had systematically robbed his employers of a large amount of stock.

The police department, through Supt. Thomas A. McQuaide, sent descriptions of the man all over the country, and he was located in New York early in the week; detectives then kept on his trail until he was finally arrested. In order that there will be no difficulty about bringing Jaffe back to this city to stand trial, Detective Leff is armed with requisition papers. It is not expected that Jaffe will put up any fight.

Jaffe is charged with stealing by making out false leases in the names of reputable citizens. Much of the property which he is alleged to have stolen was found in some of the local pawnshops. Jaffe also secured several thousand dollars worth of goods, which he is alleged to have deliberately stolen. His arrest was heralded with pleasure, and the New York officer who ran him down will get the reward of $100 which was offered for his capture. A great deal of credit is also given the Pittsburg police for the man's capture.

Detectives Cassassa, Devey and McKenna, of the Central Office, made the arrest in New York, finding Jaffe in a furnished room at 329 E. 16th St. When the arrest was made the detectives found in the room six watches, two gold chains, two fob chains, several diamond rings and 11 pawn tickets. The prisoner was taken to the Tombs Police Court, where Magistrate Steinert remanded him to the custody of the detectives. It has been expected that the prisoner would give information as to the disposition of the remainder of the stolen jewelry, and thus assist in its recovery. According to the reports that were given out, Jaffe confessed his theft as soon as he was arrested, and his only remark was: "You've got to steal in Pittsburg to keep up your end."

Importers Protest Against Ruling That Rough Reconstructed Rubies Pay 20 Per Cent. Duty.

Reconstructed rubies in the rough have recently been received in New York, and over them a new question as to customs duties has arisen. The reconstructed ruby "brut" from which these stones are cut was illustrated in an article published in the issue of Oct. 24, entitled, "How Artificial Diamonds and Rubies Are Made." The pear-shaped lot of rough stones that have come to New York are to be polished by lapidaries here, who claim that they give a better finish and more brilliant polish to the stones than do the cutters in Europe.

The question before the Board of United States General Appraisers started when the Collector of the port classified the stones as non-enumerated manufactures dutiable at 20 per cent. The same stones, cut in Europe, are imported on payment of a 10 per cent. duty, the authorities having decided that they come by similitude under the clause of the tariff law relating to precious stones advanced in value.

The importers of the reconstructed stones in the rough claim that the articles are entitled to free entry, the same as other precious stones in the rough. It is contended that as the reconstructed rubies, when cut, are classed as precious stones for customs purposes, the uncut specimens are equally precious stones. It is pointed out that if the Government should be sustained in its efforts to collect a 20 per cent. duty, then this would provide the remarkable example of an article which is dutiable at a higher percentage in the rough than in its finished condition.

It is understood that the amount of money involved in the pending cases is slight, and even if the importers were compelled to pay 20 per cent. on all importations of the reconstructed rubies in the rough, the financial requirement would not be heavy, there being a wide difference in the prices of the rough stones as well as in those that are cut. The important feature of the proceedings to the importers, it is understood, is to maintain the prestige which the reconstructed rubies obtain by being classed for customs purposes with natural stones.

Importations at the Port of New York.

Week Ended Oct. 27, 1905, and Oct. 26, 1906.		
China, Glass and Earthen Ware:	1905.	1906.
China	$86,629	$104.664
Earthen ware	26,750	23,061
Glass ware	35,349	33,352
Optical glass	1,008	3,776
Instruments:		
Musical	16,996	14,406
Optical	14,754	8,227
Philosophical	1,300	1,037
Jewelry, etc.:		
Jewelry	12,713	12,178
Precious stones	472,025	1,111,478
Watches	58,645	59,081
Metals, etc.:		
Bronzes	8,741	14,602
Cutlery	37,940	40,059
Dutch metal	7,206	3,536
Platina	70,110	12,611
Plated ware	.....	231
Silverware	4,007	700
Miscellaneous:		
Alabaster ornaments	128	237
Amber	11,183	2,067
Beads	10,428	3,750
Fancy goods	7,590	6,756
Clocks	9,945	8,561
Fans	7,321	7,698
Ivory	4,786	11,371
Ivory, manufactures of	1,877	1,491
Marble, manufactures of	40,947	21,618
Statuary	11,190	6,618

A recent fire in the store of John Wadsworth, Manchester, Ill., wrought damage to the extent of $1,500.

George L. Hepp, Lititz, Pa., has the sympathy of his friends in the trade, owing to the recent death of his father, George W. Hepp. Death was caused by a complication of diseases.

E. A. Agens, Lowville, N. Y., has leased larger quarters in the Smiley block, in which to continue business. The new store will be entirely renovated before Mr. Agens' occupancy.

The Elegance of Pearls

appeals to the refined taste. They are greatly in favor now. Our weekly shipments of this staple have kept up well with the demand.

ROUND PEARLS
BOUTON PEARLS
HALF PEARLS
ORIENTAL BAROQUE PEARLS

with strong lines of Oriental, Montana and Australian Sapphires, Reconstructed Rubies, Opals, in regular shapes and selected qualities.

L. Heller & Son

Importers of Precious and Imitation Stones.

New York, 51 Maiden Lane Providence, 212 Union St. Paris, 39 Rue de Chateaudun Idar, 14 Hauptstrasse

GEORGE H. HODENPYL. WALTER N. WALKER.

DIAMONDS

DIAMOND JEWELRY AND PEARLS

HODENPYL & WALKER

Mounted Jewelry in New and Staple Designs

170 Broadway, New York
Corner of Maiden Lane
TELEPHONE, 1898 CORTLAND

Pearls and Pearl Necklaces

CYRUS PRICE & CO.

IMPORTERS AND CUTTERS OF DIAMONDS

BROADWAY-MAIDEN LANE BUILDING
170 BROADWAY
NEW YORK

CUTTING WORKS
ANTWERP, BELGIUM

A. ROSEMAN, 9-11-13 Maiden Lane, New York

IMPORTER OF
DIAMONDS
Maker of Diamond Jewelry

TRADE-MARK.

Established 1872
HEADQUARTERS FOR
AMERICAN WATCHES

Importers of Precious Semi-precious and Imit. Stones.

T. L. LYONS, Pres. I. A. LYONS, Sec. & Treas.
THE LYONS GEM CO.
14 Maiden Lane, New York
HEADQUARTERS FOR
SCIENTIFIC RUBIES

We solicit your Jobbing and Memorandum Orders.

Trade-Marks of the Jewelry and Kindred Trades.
Second Edition. Price, $3.00. The Jewelers' Circular Publishing Co., 11 John St., New York.

Chicago Workmen Vote to Stay on Strike Until January, Employers Claim They Will be Back Nov. 1.

CHICAGO, Oct. 27.—At a meeting of the Jewelry Workers' Union held last night the question of prolonging the strike was brought up, and it was decided by a unanimous vote to continue the strike until Jan. 1, 1907, if the demands of the men were not conceded by the employers prior to that date. It was understood among the members that only those members in actual need of financial assistance would call upon the treasury for aid.

An officer of the union, when asked regarding the men who have returned to work, explained it on the ground that these workers were generally foreigners, not being familiar with the English language, hence only amenable to the argument of getting their wages every Saturday night. The union claims an enrollment of 425, 40 men having left town and 12 having gone back to work.

Among the manufacturing jewelers it seems to be the consensus of opinion that a majority of the men will be back at work by Nov. 1. The manufacturers claim that men are applying for their old positions daily, expressing dissatisfaction at not receiving any or proper "benefits" from the union. Not a few of the members of the Jewelers' Association have found that while a good many years have elapsed since they did actual work at the bench, yet with a little practice they find themselves as adept as of yore. In this way most shops can muster a force of jewelry workers of three to four men, who easily take care of the rush work.

These are some of the reasons which do not permit of a common ground upon which the employer and worker can meet.

Mississippi Optometrists Hold Interesting Meeting in Jackson.

JACKSON, Miss., Oct. 25.—A large and enthusiastic meeting of the optometrists of Mississippi was held at the Edwards House here yesterday, under the auspices of the Mississippi Optical Society. The day was spent in discussing matters pertaining to the benefit of this influential organization. Among the new laws passed was the following, which will be of interest to the people of this State, assuring them better work:

"Resolved, That all applicants for admission to this society be examined upon the following subjects: The anatomy of the eye, refraction, optics and practical experience."

This society has had such a large growth that it feels the time at hand when it can make admission into its membership a thorough test of the educational qualities of the applicant. Plans were also brought forth looking toward the passing of a State law regulating the practice of optometry similar to that in force in California, Minnesota and Oregon.

After business was over the following educational programme was carried out: "Anatomy of the Eye," F. W. Queen; "Muscular Anomalies," E. R. von Seuter; "Light and Lenses," Dr. A. I. Orr; "Correcting Astigmatism," L. M. Guess; "Benefits of Organization," M. E. Fritz; "Modern Optician," T. L. Mitchell.

The next meeting will be held at Hattiesburg on the second Tuesday and Wednesday of next May.

Jewelry, Clocks, Watches, Silverware and Kindred Lines Exported from New York.

WASHINGTON, D. C., Oct. 24.—The following were the exports of jewelry, silverware and optical goods, clocks, watches and kindred lines from the Port of New York for the week just ended:

Albany: 2 packages plated ware, $180.
Banes: 3 cases clocks, $102.
Barcelona: 1 case jewelry, $110.
Bremen: 2 packages optical goods, $438; 4 packages plated ware, $748.
Buenos Ayres: 1 case watches, $1,024.
Calcutta: 34 cases clocks, $420; 1 case watches, $200; 31 cases clocks, $617; 7 packages plated ware, $1,105.
Cape Town: 1 package optical goods, $100; 19 packages plated ware, $1,262; 3 cases watches, $372.
Cartagena: 1 package jewelry, $200.
Colon: 10 packages plated ware, $1,154; 1 case watches, $150.
Corinto: 2 packages silverware, $122.
Copenhagen: 31 cases clocks, $810.
Guayaquil: 10 cases clocks, $124.
Hamburg: 4 packages optical goods, $645; 3 cases watches, $5,700; 5 packages scopes and views, $500; 5 cases clocks, $113; 1 package silversmiths' supplies, $183.
Havana: 3 packages optical goods, $223; 1 case jewelry, $745.
Havre: 2 cases jewelry, $558; 2 cases watch cases, $500.
Hobart: 20 cases clocks, $104.
Liverpool: 2 packages silverware, $250; 1 package optical goods, $100; 3 cases clocks, $147; 4 cases watches, $400; 4 cases jewelry, $677; 179 cases clocks, $7,594; 2 cases watches, $1,358; 1 case jewelry, $600.
London: 1 package plated ware, $325; 178 cases clocks, $2,356; 1 package silverware, $250; 3 packages plated ware, $148; 52 cases watches, $9,544; 12 packages optical goods, $3,206.
Melbourne: 186 cases clocks, $2,814; 4 packages optical goods, $502; 17 packages plated ware, $1,712; 1 case watches, $125.
Montevideo: 1 case watches, $197.
Pernambuco: 2 cases watches, $231; 34 cases clocks, $606; 1 package optical goods, $302.
Progreso: 3 packages plated ware, $216; 22 cases clocks, $200.
Rio de Janeiro: 2 packages watches, $255; 1 case jewelry, $118; 1 package stereoscopic goods, $106.
Rotterdam: 1 case watches, $320.
Sydney: 2 packages optical goods, $139; 40 cases clocks, $295.
Valparaiso: 4 packages plated ware, $287; 6 cases clocks, $651.
Vera Cruz: 21 cases clocks, $408.
Wellington: 249 cases clocks, $4,199; 3 packages jewelry, $168; 2 cases watches, $323; 9 packages plated ware, $264.

Death of Simon Hesse.

CINCINNATI, Oct. 26.—Simon Hesse, lately with the Duhme Jewelry Co., and one of the best known traveling salesmen in Cincinnati, died at his home on Lexington Ave., Avondale, Wednesday, after a lingering illness. He is survived by a widow, two sons and a daughter. The funeral, which was largely attended, took place to-day, and the interment was in the Walnut Hills.

Mr. Hesse was born in Louisville, Ky., 44 years ago, and had devoted the greater part of his business life to the jewelry trade. He was formerly connected with A. G. Schwab & Bro., and about seven years ago took up his present position as diamond salesman for the Duhme Jewelry Co., covering the territory in the south and southwest. He apparently was in good health until about two months ago, when he was overtaken by nervous prostration, which caused his death.

Deceased was prominent in fraternal circles, and was a member of the Knights of Pythias, Elk and Masonic lodges. He was widely known as a highly respected citizen, and was noted for his many charitable acts.

Death of William Walsh.

ST. LOUIS, Mo., Oct. 24.—William Walsh, 71 years old, for many years a member of the late firm of Merrick, Walsh & Phelps, one of the best known jewelry firms in the west, but for the last six months employed as a salesman by the Hess & Culbertson Jewelry Co., on Thursday evening shot himself through the head with a 38-caliber revolver.

The suicide occurred in the lodge rooms of the Elks on the 12th floor of the Colonial Security building. Despondency is believed to have been the cause of Walsh's act. Mr. Walsh left a widow and one son, Capt. E. V. Walsh, with whom he lived at 1390 Union Ave.

He left a brief letter to his wife, saying among other things: "It's God's will. See John 15-13." The verse referred to reads: "Greater love hath no man than this, that a man lay down his life for his friends."

Mr. Walsh appeared at the Elks club rooms late in the afternoon with a party of friends, joining in the general talk and appearing more cheerful than usual. He left the room about 6 o'clock, and that was the last seen of him alive.

The body was discovered shortly after 7 o'clock by a member of the order who was showing some visitors through the club rooms. The body was stretched on two chairs, face downward. Mr. Walsh had been sitting in front of a small table upon which he had placed a bundle containing the two letters and a pocketbook.

The revolver had been clutched in the right hand, and the muzzle placed against the right side of the head, an inch above the ear. The bullet plowed its way through the brain, ranging upward and passing out through the top of the head, about an inch on the left side. After passing through the head the bullet struck the wall and glanced to the right.

The Mermod & Jaccard Jewelry Co., now the Mermod, Jaccard & King Jewelry Co., purchased the business of Merrick, Walsh & Phelps, in 1902. Mr. Walsh since then had been employed as a salesman in various downtown jewelry establishments. He was one of the most popular jewelers in St. Louis, and was known for his integrity and sense of honor. Capt. Walsh said that his father had brooded over his health and his financial condition for several years.

The deceased was born in Quebec, Can., July 14, 1835, and came to this city in 1865. He saw service during the Civil War as a member of the 15th Pennsylvania Cavalry. He was a member of Ransom Post, G. A. R.; Tuscan Lodge, A. F. & A. M.; Ivanhoe Commandery, Knights Templar, and Local No. 9, B. P. O. E., of which he was chaplain.

In the pocketbook found on Mr. Walsh's person was a bank book, showing a balance of about $200. He carried a life insurance policy for several thousand dollars. These constituted his entire estate.

WE CATER FOR SPECIAL ORDERS

CHART FOR THE GRADING OF DIAMONDS

A. Blue white and perfect
B. Blue white and very slightly imperfect, commercially perfect
B1. Blue white and slightly imperfect
BX. Blue white and imperfect

C. Extra white and perfect
D. Extra white and very slightly imperfect, commercially perfect
E. Extra white and slightly imperfect
EX. Extra white and imperfect

1. White and perfect
2. White and very slightly imperfect, commercially perfect
3 White and slightly imperfect
3X. White and imperfect

4. Commercial white and perfect
5. Commercial white and very slightly imperfect, commercially perfect
6. Commercial white and slightly imperfect
6X. Commercial white and imperfect

7. Good color and perfect
8. Good color and very slightly imperfect, commercially perfect
9. Good color and slightly imperfect
9X. Good color and imperfect

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When you want a very fine diamond
" " " " " large diamond
" " " " diamond of any size or quality
" " " " diamond guaranteed as to quality
" " " any diamonds for your stock

Send to us and others and compare prices and qualities. We carry a very large stock and can fill your orders promptly.

HENRY GINNEL & COMPANY

Cutters of Diamonds

Established 1835. 31 Maiden Lane, NEW YORK

PEARL COLLARS

WITH OR WITHOUT

DIAMOND BARS

Nine Hundred to Ten Thousand Dollars

IN GREAT VARIETY

L. TANNENBAUM & COMPANY

Fifty-Two Nassau Street - - - NEW YORK

LONDON PARIS AMSTERDAM

I. BLOOM

Diamond Cutting and Polishing

101 BEEKMAN ST. NEW YORK

References—L. & M. Kahn & Co., Fulton National Bank.

Manufacturers who pose as cutters and repairers of

Diamonds

but depend upon outside cutting shops to do the work, charge you an extra profit. Send me your stones and be convinced that the highest grade of workmanship at the lowest price is obtainable.

I have my own cutting shop, and you save the intermediate profits. The 88 carat stone, part of the crown jewels of the Queen of Belgium, was cut by me.

REPAIRING AND MATCHING A SPECIALTY

Call at my cutting factory while in town, or

WRITE FOR FULL INFORMATION

EDMUND R. NEBELING
Diamond Setter
49 Maiden Lane - NEW YORK
Telephone, 6039 John
Gypsy and Platinum Work a Specialty. Mail Orders promptly attended to. Write us for references

Manuel Suarez, Accused of Smuggling Emeralds, Hastily Brought to Trial and Released—Forfeiture Proceedings to Continue.

In the case of Manuel Suarez, the Colombian who was accused of smuggling a quantity of emeralds into New York, the prosecution moved with much celerity last week, but the outcome was the practical dismissal of the criminal side of the charge, with the understanding that the civil action for the forfeiture of the stones will now proceed.

About the time that the preliminary hearing before Commissioner Shields was coming to an end the Federal Grand Jury brought in an indictment charging Suarez with smuggling, and he was at once brought to trial before Judge Thomas in the United States Circuit Court. Assistant District Attorney Houghton appeared for the Government, and the defendant was represented by his counsel, L. M. Phillips.

The prosecution put in its evidence at a single session, and at the close of the case Mr. Phillips moved for a dismissal of the indictment on the ground that no crime had been proved. He cited the Keck case to support the claim that there can be no smuggling unless the articles are taken outside the customs lines. His client was arrested by the customs inspectors before leaving the pier. Mr. Phillips also argued that there was no intention to defraud, claiming that his client, not being conversant with the language of the inspectors, had not understood their questions when they asked if he had anything dutiable in his possession. The lawyer said that his client had intended to take the stones back with him to Colombia, being on his return from a trip to Europe.

Judge Thomas, it was learned, suggested that the lawyers sign a stipulation in accordance with which one of the jurors was withdrawn, producing a technical mistrial. The stipulation further provided that after the termination of the civil proceeding for the forfeiture of the stones an order shall be entered formally dismissing the criminal case.

The explanation given of this proceeding is this: After hearing the evidence for the prosecution and the appeal of the prisoner's attorney, the judge concluded that justice would be best served by allowing the criminal case to lapse and the civil action to proceed. It was doubtful, it was said, that the jury would bring in a verdict of guilty on the evidence.

If the criminal charge were dismissed outright that fact might militate against the Government in the forfeiture proceedings, and this was the reason why the stipulation was made under which the charge will not be formally dropped until after the civil action is terminated. It was further explained that the evidence required to obtain a forfeiture of merchandise is not so rigid as what is necessary to convict a man of smuggling.

One of the experts who examined the emeralds said that they were of poor quality, having many flaws, and are worth about $25 a carat, the lot being worth about $6,000.

This has apparently been another case in which the inspectors acted hastily, and some criticism is heard in the trade of incidents of this kind. The point is made that if the man intended to smuggle, as the inspectors suspected, they should have allowed him to take the articles away from the pier before making an arrest, as all the authorities may be presumed to have knowledge of the principle established in the Keck case, which was decided several years ago by the Supreme Court of the United States.

The opinion is expressed by many in the trade that in the case of a deliberate smuggler the punishment involved in the civil action for the forfeiture of the articles is not sufficient to deter him from taking the risk, and, therefore, the inspectors should do everything possible when there is suspicions of smuggling to bring the case in a proper manner before the courts.

Business of Richard Deutz, Trenton, N. J., Put in the Hands of a Receiver.

Trenton, Oct. 29.—The business of Richard Deutz, who had been for many years in the retail trade and was formerly a manufacturer, has been turned over to a receiver. On application of Lawyer Benjamin A. Freeman before Supreme Court Justice Alfred Reed, William Dolton, of this city, was appointed receiver. Deutz is a nephew of Adam C. Deutz, the founder of Deutzville.

The receivership grows out of a petition filed by Frank J. Ullrich, as assignee of a judgment in the New Jersey Supreme Court, which Mr. Deutz confessed to the Henry R. Fell Co., praying that Mr. Deutz make discovery, on oath, concerning his property. Accordingly Justice Reed made an order appointing Edward W. Evans, Supreme Court Commissioner, to take the testimony.

On an examination of Mr. Deutz before the commissioner it was discovered that he had property consisting of real estate and money due him on notes.

Justice Reed, after considering the evidence, ordered Deutz to convey to the receiver all his property and rights in action.

Death of Joseph Feinier.

Joseph Feinier, a well-known watch case maker, of New York, and a resident of Brooklyn for nearly a half century, died Saturday at his home, 288 Clifton Pl., Brooklyn. He was in his 76th year. The interment took place Monday at Greenwood Cemetery.

Mr. Feinier engaged in 1880 in the manufacture of watch cases at 6 John St. He had been a skilled watchmaker. After going into business for himself he did considerable repairing for the trade, and sold to peddlers and to private trade. He retired a number of years ago.

Death of Rufus P. Twambly.

Saco, Me., Oct. 24.—Rufus P. Twambly, who died here Monday, was at one time known in the jewelry business, having conducted a store in this town for many years.

The deceased was 68 years old, but retired a long time ago. He had been an invalid for 13 years, so death was not unexpected.

Walter H. Lydick Again Arrested in St. Louis and Taken to Washington, D. C.

St. Louis, Mo., Oct. 27.—Walter H. Lydick, who is wanted in Washington on the charge of jumping a $2,000 bond, was recently arrested in this city and turned over to F. H. Cornwall, of the Washington police force. Lydick, who was formerly employed by a jewelry concern, is indicted for embezzlement from his employers.

Washington, D. C., Oct. 27.—Walter H. Lydick, arrested in St. Louis, has been out on $2,000 bail since his arrest on the charge of stealing jewelry from his employers, which occurred a year ago in St. Louis. The man, who is also known as Harry Lydick, was for some time employed by R. Harris & Co. as an outside salesman, and Sept. 30, 1903, failed to report at the store. An investigation showed that a pair of diamond earrings and other jewelry in his possession had not been accounted for, and a search was made for him.

Early in October last year he was picked up in St. Louis by a detective and taken to Washington, where he was admitted to bail. He returned to St. Louis a few weeks ago, and it is said got employment with an advertising company.

Lydick, it is said, claims he did not "skip" his bond, but kept in close touch with the surety and would have returned to the city whenever his case was called.

Death of William R. Pfennig.

San Francisco, Cal., Oct. 24.—Word has been received here of the death of William R. Pfennig, a jeweler of Pine Ave., Long Beach, Cal., after an illness of but a few hours. Upon retiring in the evening of the day before, Mr. Pfennig complained of feeling ill, and soon after became rapidly worse. Physicians were sent for about midnight, but Mr. Pfennig was dead before they arrived. It was found that death had resulted from a clot of blood on the brain.

The deceased was 35 years old, and was born at La Porte, Ind. He came west about 10 years ago, settling first in Oregon, where he was married, nine years ago. At Long Beach Mr. Pfennig was engaged in the jewelry business in partnership with his brother-in-law, Joseph Sutcliffe.

Finishers Strike at the Whiting Mfg. Co.'s Factory Not Yet Ended.

The finishers who went on a strike at the Whiting Mfg. Co.'s silver factory, New York, have not gone back to work. Andrew Hellthalen, who represents the labor union, said yesterday that the men are confident of winning.

Mr. Hamilton, president of the Whiting Mfg. Co., said yesterday: "As our shop has always been recognized as an open shop, the action of the union in ordering a strike for a closed shop was unwarranted. Our shop will always be an open shop.

"We have made it plain that we are willing to treat with our former employes individually, or through a committee representing them, but not through a representative of the union. We will not treat with Mr. Hellthalen or with any representative of the union in adjusting these differences. Rather than do so we would close the shop."

Chester Billings & Son

1840 Successors to Randel, Baremore & Billings 1906

Importers of Diamonds
Other Precious Stones, and
Pearls, Diamond Jewelry

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COLLARETTES
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47 and 49 Maiden Lane, New York
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IMPORTERS OF

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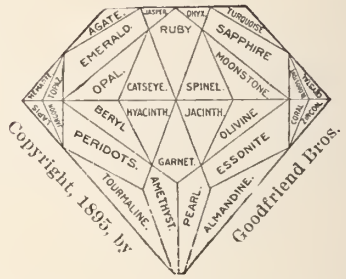
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PEARLS



Pearls	Emeralds
Aquamarines	Tourmalines
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And other Precious Stones

PEARL, CORAL and STONE
BEAD NECKLACES

NEW YORK:
9-11-13 MAIDEN LANE

PROVIDENCE: 256 Westminster St.
PARIS: 10 Rue Cadet

News of the Associations.

The Milwaukee Jewelers' Association held an enjoyable monthly banquet at the Globe Hotel, Milwaukee, Wis., Oct. 10.

Members of the Retail Jewelers' Association of Missouri will meet this week, and among other business transacted will be the selection of delegates to the Deep Water Ways convention which meets in St. Louis, Nov. 15 and 16.

The Retail Jewelers' Association of Minnesota, which became affiliated with the American National Retail Jewelers' Association Sept. 27, is now in a most flourishing condition, according to Secretary J. C. Herdliska, Princeton, Minn. A. E. Paegel of Minneapolis is the president.

The Kansas Retail Jewelers' Association, which was organized May 10, has doubled its membership in the past few months, and is steadily growing. F. E. Pirtle, Council Grove, Kans., the secretary-treasurer of the association, announces that he will be pleased to send to all members of the trade any information that they desire about the association, together with copies of its constitution and by-laws.

The Massachusetts Retail Jewelers' Association will hold its next regular meeting Thursday, Nov. 15, at the American House, Boston, at 2 P. M. Secretary E. H. Dunbar, Norwood, Mass., has sent out to all members, as well as to the retail jewelers of the State generally, a circular letter giving a brief history of the association, and calling attention to the fact that the members desire to have every legitimate jeweler in the State to be enrolled on its books. The letter invites all jewelers to participate in the next meeting in Boston.

S. M. Strain, president of the Illinois Retail Jewelers' Association, is warning the members of that and other associations to be careful in dealing with a material dealer formerly of New York, who of late has been moving around to cities in the west. Mr. Strain claims that he bought a bill of goods from the man, and that he sent him a diamond which he agreed to take back in case it was not sold. The stone was not sold, and when the jeweler asked to have it taken back and to be credited with the amount the dealer refused to do this and sued him. Rather than bother with a lawsuit he paid the bill, hence the warning.

Pennsylvania Jewelers Hold Successful Meeting at Pittsburg.

The Pennsylvania Retail Jewelers' Association met last Thursday night at the Duquesne Hotel, Pittsburg, Pa., and took decisive action to fight the proposed parcels post bill. The question was brought up by Vet Cowles, of Point Marion, Pa., who took the stand that if it becomes a law it will inflict great hardships on the small dealer in the country towns. Mr. Cowles stated that the bill would greatly benefit the department store and injure the retail jeweler. Great hardship is already being inflicted on the trade through the mail order houses, and he believed that this bill, if allowed to become a law, would increase them. The organization put itself on record as unfavorable to the bill, and further action probably will be taken.

On request of the president of the national organization that the president of the Pennsylvania organization name one of its members to serve on the Legislative Committee of the former, President Graul appointed W. F. Steinmacher to that position.

Quite a lot of routine business was transacted, and then interesting papers were read. One of these on "The Credit System" was read by A. Isaacs. He said that there was little difference between the wholesale and retail credit system, and pointed out the evils of both, as well as the good to be derived by exercising proper judgment. President Graul read a paper on "Methods of Maintaining Membership." Both papers were well received and the attendance was good.

The following jewelers were elected members: Earl J. G. Lovitt, Titusville; H. G. Phillips, Vandergrift; A. Carlson, Pittsburg; John Young, East Pittsburg; A. Katzenmeyer, Burgettstown; R. Pinkstone, Philadelphia.

Secretary Wiley reported that many inquiries were coming from all parts of the State regarding the work of the organization.

It was decided to hold another special meeting in this city Feb. 12, 1907, the time and place to be announced later. The organization bids fair to double its membership before it is a year old.

New Stores and Enterprises.

J. M. Hale is a new jeweler in De Witt, Nebr.

C. E. Sturges has begun business in Spokane, Wash.

Chas. Fales is about to start in business at Pierre, S. Dak.

A. W. Koppange has just begun business at Ryder, N. Dak.

H. M. Roberts has opened a store in Dickinson, N. Dak.

H. G. Matteson recently started in business in Maywood, Nebr.

David Glickman is a new jeweler and repairer in Santa Rosa, Cal.

Carl Michel is now located in a well-equipped store in Portage, Wis.

A. L. Wiffin recently began business as a retail jeweler in Ritzville, Wash.

C. W. Ware is now engaged in the retail jewelry business in Garfield, Wash.

A. W. Grimby has opened a store at 6204 Lancaster St., Philadelphia, Pa.

Geo. L. Woodford will shortly engage in the retail jewelry business in Philippi, W. Va.

In Mason City, Ia., F. C. Haase has engaged in the retail jewelry business at 219 S. Main St.

F. W. Carl has opened a watch and jewelry repairing shop in the McNamara block, Great Bend, Pa.

The Powell & McKee Co. has just opened an attractively furnished store in K St., Sacramento, Cal.

Louis Boessel & Co. have started in business at the corner of Main and Conduit Sts., Annapolis, Md.

A new jewelry store was opened a short time ago at 51st St. and Ashland Ave., Chicago, by Max Goldberg.

Corey & Vier is the name of a new firm which has commenced business in Galesville, Wis. Confectionery is carried as a side line.

Frank Walsh, for four years with Trenkley & Koerber, Fort Wayne, Ind., has opened a store of his own at 1134 Calhoun St., at that place.

J. H. Wood & Co. recently opened a store at 139 S. Main St., Fall River, Mass. Mr. Wood was formerly in the employ of C. E. Gifford & Co.

C. H. Harris has leased quarters at 13 E. 8th St., Chattanooga, Tenn., where he has begun business as an optician. Mr. Harris formerly resided in Portsmouth, O.

The Hecht Jewelry & Loan Co., Beaumont, was recently incorporated in the State of Texas with a capital of $50,000. The incorporators were W. Hecht, M. Hecht and D. W. Glascock, all of Beaumont.

The Empire Fountain Pen Co., 525 Main St., East Orange, N. J., was incorporated last week to manufacture fountain and metal pens. The capital is $10,000, and the incorporators are: Charles L. Beck, Charles O. Geyer, F. C. Ferguson.

The Midland Mfg. Co. has engaged in the wholesale jewelry manufacturing business at 310 S. 12th St., Omaha, Nebr. R. B. Zachry is president and principal owner of the concern. Others interested are E. A. Phillips, S. T. Goodrich, E. G. Patrick, A. J. Hanneman and E. R. Benson.

The Hales Co. has completed arrangements to start a jewelry and optical business in Newport News, Va. The firm will be located at the corner of 29th St. and Washington Ave. Dr. Hales, president of the firm, was for many years in the employ of J. R. Sprague & Co. The other officers are: Vice-president, E. R. Vaughan; secretary and treasurer, F. B. Hobson. Directors are: Geo. A. Dobbins, H. K. Vaiden, J. H. Hales, J. R. Stern, F. B. Hobson, C. J. Despar and W. B. Colonna.

Columbus, O.

TRADE CONDITIONS.

Local retail houses report Fall trade thus far to be very good, although the holiday business had not yet started. Orders are being received for all classes of jewelry, and altogether the outlook is very encouraging.

Taylor Warwick, Portsmouth, O., has been in Columbus in the past week trying to interest local men in a company formed to develop the so-called diamond fields of Kentucky. Several Columbus jewelers are credited with being stockholders in the company, and others are said to have been among the business men seen by Mr. Warwick.

The Governor of Michigan last week sent a requisition to the Governor of this State for the return to Jackson, Mich., of Earl Fouts, who was arrested recently at Hamilton. Fouts was taken into custody for a misdemeanor, but later, from plunder found on him, the Michigan authorities believed he was the man wanted for robbing a jewelry store in Jackson, and asked that he be sent on. The requisition was granted.

Mr. Miribal, a jeweler of Santa Fe, N. Mex., died recently, aged 40 years. Death was caused by heart trouble, superinduced by alcoholism. The deceased was a widower and is survived by two children.

Wm S. HEDGES & CO.,

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THE POPULAR LINE

BAROQUE PEARL EAR SCREWS
PENDANTS and NECKLACES

14K., all Pearl or trimmed with Diamonds and Semi-precious Stones.
Popular priced goods our strong suit.

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WHEN a house is known to excel its competitors in any one attribute, it becomes recognized as "a specialist." I will pay a better cash price for jewelry and precious stones that your customers wish to dispose of, and you do not care to purchase yourself, than any other concern. Send me a trial selection and be convinced.

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Maurice Brower

12-16 John St., New York

Telephone, 6233 Cortlandt

Pittsburg.

W. J. Johnston, of the W. J. Johnston Co., left Saturday night on a business trip to Chicago and St. Louis.

Albert M. Dueber, secretary and treasurer of the Dueber Watch Case Mfg. Co., was a visitor in Pittsburg last week.

F. L. Young, Mt. Vernon, O., spent a few days of last week in this city visiting friends. He was accompanied here by Mrs. Young. Mr. and Mrs. Hinkley, Mercer, Pa., also visited friends in this city last week.

It was thought several days ago that the police had located in New York S. B. Jaffe, the salesman who is wanted on the charge of robbing the Castleberg Jewelry Co., of this city, of $5,000 worth of diamonds, but the clue proved vain. Another clue was then taken up which resulted in Jaffe's arrest, as told in another column.

J. Alexander Hardy, of the Hardy & Hayes Co., last week accompanied to Harrisburg a number of Pittsburg business men who appeared before Governor Pennypacker to enter a protest against the granting of a number of charters to projected companies who desire to build elevated railroads in this city.

Among the out-of-town jewelers in Pittsburg on buying trips last week were the following: W. F. Eyles, South Sharon; Frederick Kropff, Tarentum; B. E. Brown, Monessen; H. E. Frampton, Parkers Landing; John Linnenbrink, Rochester; J. M. Langendorf and E. F. Seaman, Monongahela; W. King, McKees Rocks; G. C. Kurtz, Connellsville; G. R. Patterson, East Liverpool, O.; F. L. Wells, Marion, and E. A. Malsberry, Rockwood.

Referee in Bankruptcy W. R. Blair, of the Pittsburg district, has appointed the Guarantee Title & Trust Co. receiver for Sloan & Co., against which firm an involuntary petition in bankruptcy was filed three weeks ago, as previously stated in THE CIRCULAR-WEEKLY. An effort is being made to straighten out the firm's affairs. It is not thought that Sloan & Co. are involved for a large amount.

It has developed that F. X. Guth, the Coraopolis, Pa., jeweler who has been missing since late in August, secured a lot of goods from certain Pittsburg jewelers on memorandum and has not returned them. Guth is said to have been located in Chicago. The Pittsburg houses who were anxious to learn of Guth's whereabouts have communicated with their attorneys. Guth, they say, has made no settlement for the goods, which he secured on the strength of a statement that he was to open a store in McKeesport. This store was never opened.

Edward J. Mellon, with Joseph Horne & Co., as an employe of the jewelry department, and other employes of the store, charged with robbing that concern of many thousands of dollars worth of goods, were called for sentence in criminal court on Saturday. Mellon turned State's evidence and pleaded guilty to the charge against him. The firm was inclined to be lenient with him, not appearing to prosecute, and Judge Young sentenced Mellon to 10 days in the workhouse and gave the other men 30 days. Mellon was married a short time ago. Before he went to work for the Horne concern he was a clerk in a well-known wholesale jewelry house in this city.

Connecticut.

O. E. Rudolph, New Haven, moved recently into larger quarters at 510 State St.

John E. Scully, with factory "E," International Silver Co., Meriden, and Miss Eleanor Josephart, were married on Thursday.

Harry Osborne, with R. Wallace & Sons Mfg. Co., Wallingford, has just returned from a business trip in the interest of that concern.

Chas. D. Morris has transferred to Clifford W. Leavenworth an undivided one-half interest in a lot 55 by 110 feet, with building, on Prince St., New Haven.

Chas. F. Smith, president of the Landers, Frary & Clark Co., New Britain, has been elected a director of the Hardware City Trust Co., just organized in New Britain.

Edwin G. Burnham, a retired manufacturer well known in the jewelry trade and organizer of the Eaton, Cole, Burnham Co., Bridgeport, is said to be critically ill at his home, at 768 Fairfield Ave.

Geo. Scudder, who conducted a retail jewelry store in the Morse block, Thomaston, about 25 years ago, has just returned to his present home in Allentown, Pa., after a short visit to his old friends in the former place.

While at work on a circular saw in the case department of the Seth Thomas Clock Co., Thomaston, Wednesday, John Dick accidentally severed the index finger of his left hand at the first joint and sustained a deep gash in the second finger.

Mayor Geo. M. Landers, New Britain, last Thursday opened in Hadley Hall a bazar for the benefit of the John Ericson Temple, T. of H. & T. The exhibit is in charge of Chas. Malmgren, Gustave Ahlquist, Oscar Varsels, Alfred Anderson and B. Anderson.

Mathew McMahon, a well-known resident of Meriden, where he had lived for over half a century, and one of the oldest employes of the Bradley & Hubbard Mfg. Co., died at his home, 13 Bartlett St., at that place, last Wednesday morning, after a prolonged illness.

The first annual dance of the Simeon L. & Geo. H. Rogers Co.'s Mutual Aid Society was held in Eagle Hall, Hartford, Monday evening of last week. About 200 persons attended. The entertainment committee consisted of Robert Mandeville, W. I. Twiss, J. Luzmore and B. E. Babcock.

Osses Landerman and Sadie Landerman, alleged proprietors of the Hartford Loan Co., Hartford, have been made the defendants in a suit brought by Jesse S. Ward, Springfield, Mass., to recover damages amounting to $150. The plaintiff alleges that on Oct. 2 last the firm loaned him $50 on a diamond ring valued at $100, and that on Oct. 7 the firm charged him $5 for the loan for seven days, which had not elapsed. Property owned by the defendants has been attached to secure judgment in the suit.

Work on the Miller St. factory in Meriden, formerly occupied by the J. D. Bergen Co., and recently purchased by the International Silver Co., to be used by that firm's sterling silver department, is nearly completed, and already a portion of the building is occupied. The factory has been entirely renovated, and is now considered one of the best equipped shops in the State. The stamping department will be located on the ground floor, the second floor will be devoted to the finishing, and the third floor will be occupied by the silversmiths and chasers. The designers will occupy the fourth floor, which will also be used for office and stock room purposes.

New Orleans, La.

J. Julius Weinfurter has added to his stock a line of rare hand-painted china.

H. Ginder, of A. B. Griswold & Co., will return from his trip to New York this week.

Sales at the A. M. Hill auction during the past week were very large, and nearly half of the stock was disposed of.

E. Claudel's new Canal St. store is now one of the attractive establishments on the great thoroughfare, and is much larger than the old stand in Carondelet St.

The Southern Jewelry & Optical Co. has moved into fine new quarters at Iberville and Chartres Sts., the building formerly occupied by the Morgan State Bank. The establishment presents a very attractive appearance.

In speaking of the stockholders of the M. Scooler Co., the note published Oct. 17 was slightly erroneous. The stockholders of the company are as follows: Mrs. M. Scooler, Morton P. Levy, Miss Bertha Scooler, Gabe Scooler, Miss Ray Scooler, Miss Lilly Scooler, H. P. Dart. Mrs. M. Scooler is president of the concern, and Morton P. Levy is vice-president and manager.

Recent Publications.

LEITFADEN FUER UHRMACHER-LEHRLINGE:—By H. SIEVERT. 333 pages, illustrated, bound in cloth, octavo. Published in Berlin by the *Deutscher Uhrmacher Zeitung*.

THE eighth edition of this German horological treatise, the title of which, translated, is, "Guide for watchmakers' apprentices," has just been received. The esteem for an earlier edition of this treatise was made manifest a number of years ago by the translation and publication of copious extracts, which found great favor at that time.

A perusal of the improved chapters and additions suitable to the progress of horology has brought home the conviction that the value of the treatise has been greatly enhanced, and has forced the obvious conclusion that no watchmaker can afford to be without a copy of this book. It is of unlimited value to the apprentice and to advanced horologists; to the former on account of the instruction which it contains and to the latter as an example of clear instruction. It may confidently be predicted that the translation of such a treatise into the English language would bring its rewards.

E. E. Phelps and G. E. Tasker have formed a partnership at Kenmare, N. Dak., and will engage in the jewelry and music business.

ADDISON W. WOODHULL, President.
FRANK K. HUFF, Vice-President.
GILBERT T. WOODHULL, Treasurer.
WILLIAM J. McQUILLIN, Secretary.

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IMPORTERS OF PRECIOUS AND IMITATION STONES
Crystals Engraved and Painted from Photo. Crests and Coats of Arms Engraved. Stone Seal Engravers and Incrusters. Lapidary Work a Specialty.
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PEARL
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Mounted Diamond Jewelry of Every description :: ::

Largest assortment of all kinds of very fine, fancy and rare gems, including Pearls, Diamonds, Emeralds and Sapphires :: ::

PARTICULARLY FANCY COLORED AND FANCY SHAPED DIAMONDS

Ludwig Nissen & Co.
182 and 184 BROADWAY
NEW YORK

Providence.

The team representing the Gorham Mfg. Co. defeated the Howard-Bullough team of Pawtucket in an exciting game of association football on the Gorham grounds last Saturday.

Englehart C. Ostby was elected a member of the executive committee of the Squantum Club, one of the most exclusive clubs on Narragansett Bay, at the annual meeting held last week.

Some of the apprentices at the Gorham works had an enjoyable outing Wednesday down the river. The party chartered a launch and sailed to Hope Island, where a clambake was enjoyed, and a ball game played.

The United Wire & Supply Co., 100 Stewart St., has declared its regular quarterly dividend of 1¾ per cent. on the preferred stock and of 1 per cent. on the common stock, payable at the office of the concern Nov. 1.

At the recent annual meeting of the Ancient and Accepted Rite of Scottish Free Masonry for the United States, held in New York, Marcus W. Morton, of this city, secretary of the Manufacturing Jewelers' Board of Trade, was elected Grand Secretary, as well as deputy at large.

Harry Cutler has recently been appointed a member of the committee of American Hebrews, the object of the committee being to render aid to members of that race in Russia and to enlist the support of the various powers in alleviating the persecutions of the Hebrews in that country.

The Theodore W. Foster & Bro. Co. won its case in the action brought against it for $5,000 damages by Ralph W. Farnham, the jury in the Superior Court, Judge Baker presiding, bringing in a verdict for the defendant. The plaintiff, who was at one time in the employ of the concern, claimed to have been injured by reason of certain machinery not being properly safeguarded. The defendant claimed that the accident was the result of the plaintiff's own carelessness. The jury took this view of the matter.

That a revision in price schedules will be made the first of the year by many of the manufacturers of the cheaper grades of jewelry, at least, appears to be the belief now entertained. This will be made necessary, it is stated, by reason of the high price of copper and the correspondingly heavy jump in the price of brass, which enters so largely into the manufacture of this grade of jewelry. Some hint that this course will be taken has already been given and a revision of the schedule is said now to be under way.

Mr. and Mrs. George N. Babington celebrated the 20th anniversary of their wedding at their home in Edgewood last Wednesday. Mr. Babington is a well-known manufacturing jeweler on Eddy St. It was a "china" wedding, and Mr. and Mrs. Babington were the recipients of numerous handsome remembrances, among them being a gift from Mr. Babington's employes. A reception at the home was followed by a dance at Odd Fellows' Hall, Pawtuxet.

Now that the holiday season is approaching the local police are keeping a watchful eye out for the so-called "penny-weighters" who take advantage of the rush in the retail jewelry stores to "lift" valuable articles of jewelry and substitute for them goods of inferior value. Two men believed to belong to this class tried to work the game, it is believed, in one of the downtown stores last week, but, noting that their suspicious actions had attracted attention, they departed hurriedly. One of them was later arrested and subjected to a rigid cross-examination. He was held for a few hours and then released.

Attleboro.

Walter L. Blackinton, a resident of this town and traveling salesman for the Kinney Jewelry Co., Providence, was united in marriage last week to Miss Frances I. Macheleidt, of New Haven, Conn.

W. F. Wheeler, a representative of the management of the coming Jamestown exposition, spent last week in this town, personally soliciting the manufacturing jewelers to make a display of the products of their industry at the big fair.

Charles M. Robbins, of the Chas. M. Robbins Co., left last week for a trip of two months or more in Europe. Just before his departure he was given a complimentary banquet in Boston by his fellow members of the Ancient and Honorable Artillery Co., in which he is a sergeant. He was presented with a variety of valuable and useful traveling gifts, and a group of friends on a tug escorted him down Boston harbor when the ship sailed.

Bowling has broken out with unusual interest among the jewelry factory employes this Winter. The standing of the Jewelers' League at the close of last week was in this order: Regnell, Bigney & Co., Attleboro Mfg. Co., Bates & Bacon, W. E. Richards & Co., Watson & Newell Co., J. M. Fisher & Co., C. A. Marsh & Co., Carter, Qvarnstrom & Remington, Fontneau & Cook and the C. H. Eden Co. A new league was also formed last week which included the Horton, Angell Co., W. H. Saart & Co., and others.

One of the important cases before the Massachusetts Supreme Court which is now in session will be that of the exceptions filed by the Attleboro Mfg. Co. against the verdict of $16,000 allowed William Hodde, Jr., of this town, for injuries received by being burned with acid three years ago. Hodde, who was given the verdict by the Superior Court last year, was employed as an errand boy by the defendant. On Jan. 28, 1903, he claimed he was ordered to get a quantity of acid from a receptacle, and was given two pitchers. One was without a handle, and as he was stooping over the acid receptacle the pitcher slipped from his grasp and fell into the acid. The liquid splashed into his face, causing burns sufficient to destroy the sight of one eye.

William Clark, a negro, 30 years old, employed by the Burns-Barry Jewelry Co., Memphis, Tenn., as a porter, was recently arrested on the charge of robbing the concern. He confessed that he had systematically stolen articles from stock since he obtained his position last June. The detectives recovered about $1,500 worth of stolen property, and expect to locate much more.

North Attleboro.

John E. Tweedy is on a hunting trip to the western part of the State.

The Corey Mfg. Co., which was located on Pine St., Providence, has removed to Plainville.

Surveyors were at work last week upon the new factory that the H. F. Barrows Co. intends to erect on Chestnut St.

George Kelley, of Kelley Bros., Attleboro, colorers and electroplaters, was married last week to Miss Jeanette Martin, of this town.

John MacMillan has ceased to be New York representative of W. D. Marble & Co. He has entered the employ of Abraham & Straus, New York.

Joseph Drizner has opened a chasing shop on Orne St. For 15 years he was head chaser for H. F. Barrows & Co., and more recently the George L. Paine Co.

Notice was received this week by the manufacturers that the postal authorities had granted their application for a later New York and western mail. When matters are regulated a mail will leave town for the west at 8:30, an hour later than at present.

E. Bishop, an employe of the T. I. Smith Co., had a narrow escape last Wednesday. Bishop is a polisher, and the leg of his overalls became entangled in the running gear of the lathe. The young man was rapidly being drawn into the trap, when his father, the foreman of the room, came to his assistance, and stopped the power. Every stitch of clothing was stripped from the young man, and his right leg was badly bruised.

Syracuse.

George O. Mead has been appointed as receiver for A. J. Russell & Co., jewelers, at Walton. No statement has been given as to the assets and liabilities.

The final report of C. L. Stone, of this city, in the distribution of the composition, satisfying the liabilities of the M. S. Benedict Mfg. Co., has been filed. The settlement was at 40 cents, and the total amount paid out to creditors was $153,207.89; checks still outstanding, $945.57, leaving a balance of $846.60 on hand. The liabilities were about $600,000.

After an agitation to get a silverware factory at Lyons, to take the place of the Manhattan plant which was shut down some years ago by the International Silver Co., the Lyons Business Men's Association recently permitted a local capitalist to withdraw a proposition to establish a silverware factory there, put up half the cash capital and assume the management.

Richard G. Tafel, 122 W. Market St., Louisville, Ky., was visited by a swindler early last week, who presented a bogus check for $19.50. The man had previously been to Mr. Tafel's store, and had said that he was going to dispose of a bicycle to a second-hand man named Lipsky. He returned with a check for $19.50, signed with Mr. Lipsky's name, and purchased a ring, receiving $10 in change. The check was drawn on the Western National Bank, at which Mr. Lipsky had no account, so the fraud was soon discovered, but not before the swindler had escaped.

EICHBERG & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS,

65 NASSAU STREET, (Prescott Building.) NEW YORK.

STERN BROS. & CO.,

IMPORTERS AND CUTTERS OF

DIAMONDS,

CUTTING WORKS:
138-142 West 14th St., N. Y.

68 Nassau St.,
NEW YORK.

CHICAGO,
103 State St.

LONDON,
29 Ely Place.

Boston's Foremost Manufacturing and Importing House.



Manufacturer of Mountings and Diamond Jewelry, Ranging in Price from $1 to $1,000

All Orders for Diamonds as well as Mountings, Promptly and Satisfactorily Executed

A. S. Hirshberg,
373 Washington Street, Boston, Mass.
Cable Addresses: {Ashir, Boston. Hochschüler, Antwerp.

ALWAYS SOMETHING NEW
IN
UNIQUE GEMS
NOVELTIES IN STRICTLY GENUINE SEMI-PRECIOUS AND NATIVE STONES
ALSO MANY IMPORTED NOVELTIES
Send for Sample Papers and see some New Beauties
NO IMITATIONS.
LOUIS J. DEACON, ATLANTIC CITY, N. J.

JACOB BASCHKOPF,
DIAMOND SETTER,
LETTER AND MONOGRAM
ENGRAVER,
9-13 MAIDEN LANE,
Room 701 Jewelers' Bldg. NEW YORK

GARREAUD & GRISER
68 & 70 Nassau St., New York.
LAPIDARIES. PRECIOUS STONES
GEMS in Unique Cuttings

TRY US ON DIAMONDS

Lissauer & Company
12 MAIDEN LANE

L. Tannenbaum and Company

IMPORTERS and CUTTERS of

Diamonds
Pearls
Emeralds
Rubies
Sapphires

and all other Precious Stones

Fifty-Two Nassau Street
NEW YORK
LONDON PARIS AMSTERDAM

Philadelphia.

Albrecht Kettnitz has completed alterations to his store, 320 W. Girard Ave.

H. L. Strawley, watchmaker, has accepted a position with John Ernst, 710 Chestnut St.

Jules Gigon, casemaker, 722 Chestnut St., is mourning the loss of Joseph Gigon, his 12-year-old son.

E. J. Hertz, 13th and Chestnut Sts., was elected last week a director of the new People's Trust Co.

Charles Haas, head watchmaker for C. R. Smith & Sons, 18th and Market Sts., is reported to be seriously ill.

George Rickert, a diamond dealer, is reported to contemplate opening a retail store on Maine St., Germantown.

A fire broke out last week in the retail store of C. Moskovitz, 3416 Market St., but was extinguished with slight loss.

J. Warner Hutchins, 728 Sansom St., has been appointed one of the business men's Republican Campaign Advisory Committee.

G. B. Tilghman, Cape Charles, Va., was a visitor to the local wholesale trade last week, purchasing goods for the Winter and holiday trade.

John Bechtel, manufacturing jeweler, 721 Sansom St., has secured larger and better quarters at 125 S. 7th St., to which he will remove at once.

S. Rush Weaver, a Chestnut St. diamond dealer, is receiving congratulations upon the marriage of his daughter Alice recently to Howard Breed, Cincinnati.

Lindsay McElwin, a watchmaker who was recently in business in the western part of the State, has returned to this city and means to locate here permanently.

G. R. Oliver, Beverly, N. J., is reported to have decided to give up his retail store in that town and to enter into business with his brother, George Oliver, in Burlington, N. J.

The old established store known as Drake's, which has earned a reputation for its business in fountain pens, will be removed next month from 7 10th St. to 2044 Germantown Ave.

Victor Friesinger, Atlantic City, will open Nov. 1 a retail store at 1010 Chestnut St., for the sale of French jewelry, fancy goods, leather novelties, objects of art, cut glass ware and ceramics.

J. S. Round & Co., who conduct an instalment jewelry business in Boston, have opened a store in this city at 1512 Arch St. The store is a large one, expensively furnished and equipped.

Charles Koshland, of the Koshland & Italie Co., made a business trip to Baltimore last week. Thomas J. Campbell has started on a seven weeks' trip through Virginia, West Virginia and Maryland.

Horace Edelman, watchmaker for George S. Katz, 1943 Germantown Ave., is receiving the condolences of his friends in the trade on account of the death at Easton last week of his father, a prominent attorney of that town.

Changes among watchmakers in the trade during the week were noted as follows: Marcus Golden accepted a position with Riggs & Bro.; A. Lynch accepted a position with J. H. Knerr, Camden, N. J., and M. A. Finna, formerly of New York, accepted a position with J. E. Caldwell & Co.

J. E. Caldwell & Co. made an interesting bulk window display last week of the evolution of ivory from the tusks to toilet articles. The firm was given the contract to design the cross country challenge cup for automobilists presented by H. Bartol Brazier.

A. W. Grimley, who recently sold out his store on lower Lancaster Ave. to J. A. Large, formerly of Parkesburg, Pa., opened last week a new store at 6204 Lancaster Ave. The new store is in a growing neighborhood and has been attractively furnished.

William F. Happich, son of E. P. Happich, manufacturing jeweler, 833 Arch St., gave a successful violin recital last week in Witherspoon Hall, which was attended by many jewelers. Mr. Happich is regarded as one of the most promising young violinists in the city.

A. G. Lee, vice-president of the Jewelers' Club, and widely known in the trade of this city and New York, who temporarily quit the jewelry trade last Spring to enter into the hosiery manufacturing business, has become associated with the Imperial Cut Glass Co. Mr. Lee will act in the capacity of sales manager.

At the last meeting of the Watchmakers and Jewelers' Beneficial Association of this city, the following officers were elected: President, Borris Oster; vice-president, Joseph Goldberg; secretary, Joseph Rothman, and treasurer, Wolf Estes. The association was started by a number of Hebrew watchmakers and jewelers, July 15 last.

Among the out-of-town retailers buying here during the week were: Amos B. Ewan, Smithville, N. J.; H. S. Kratz, Souderton, Pa.; George Bowen, Bridgeton, N. J.; Edmond and George Oliver, Burlington, N. J.; Calvin Solliday, Lambertville, N. J.; George Ware, Atlantic City; M. Friedeberg, Atlantic City; H. H. Lake, Ocean City; L. Kamsky, Harrisburg, and E. L. Thomas, Phoenixville, Pa.

I. E. Fridrich, manufacturing jeweler and diamond setter, 116 S. 8th St., who purchased the business last Spring, has sold out to Isidor S. Sagoska, 713 S. 6th St., who takes possession Nov. 1. The new proprietor proposes to give up his 6th St. store and concentrate the business at 8th and Sansom Sts. Fridrich intends as soon as he can find a suitable location to open a retail store in the city.

Charles Schwartz, who some years ago conducted a retail store on 8th St., near Arch St., which is now occupied by I. Press & Sons, has leased a store on 9th St., above Chestnut St., in the Gimbel block, which he is having fitted up for immediate occupancy. Mr. Schwartz, after giving up his 8th St. store, went to the Pacific coast. He conducted a retail store in Denver, known as the Charles Jewelry Co., and afterward went south.

The Philadelphia Jewelers' Club gave its annual Fall musicale last night at the cosy headquarters of the club, 13th and Chestnut Sts. About 200 of the members, many of them from New York city and other points nearby, enjoyed the festivities of the evening. Good female "talent" helped in the entertainment, while for the satisfaction of gastronomical desires and to please the palate there was a pleasant light luncheon spread on an upper floor. The musicale was given on the main floor of the club headquarters from a stage in the rear.

The Bailey, Banks & Biddle Co. has just completed a magnificent silver service for the battleship *Virginia*, the contract having been awarded to the firm by the Virginia State authorities some time ago. The service is displayed in the show rooms of the firm's handsome Chestnut St. store, and will shortly be turned over to the proper authorities for formal presentation to the ship. While the service for the *Virginia*, the cost of which is reported to have been $5,000, is not so elaborate and costly as that made by J. E. Caldwell & Co., about a year ago for the battleship *Pennsylvania*, which cost $25,000, it is regarded as an example of the highest type of the silversmith's art.

Rochester.

Judgment was taken by default in Municipal Court recently by Don I. Danks against Claude S. Clifford for $52.10.

S. D. Burrit is an up-to-date retailer. Recently a thief broke through one of the windows of the Burrit store and stole a tray full of jewelry valued at about $150. The next morning there was a sign over the broken portion of the window which read, "They all know where to come for good jewelry." It caused quite some comment.

At a meeting of the Rochester Credit Men's Association, held last week, Philip Present was proposed by the nominating committee for president in 1907. Other officers named were: Vice-president, W. B. Conkling; treasurer, Lee Richmond. The report of the nominating committee is usually accepted. "The Credit System and the Law" was the subject of an address by John J. McInerny.

Grace Cullen, who, with Bessie Koehler, was arrested last week charged with petit larceny, is under indictment for grand larceny in the second degree. Both were discharged in police court, but the Cullen girl was rearrseted on a bench warrant and taken to jail. The Koehler girl is exonerated. The two girls were arrested on complaint of Isidore Present, who claimed that they had stolen two rings from him. After the arrests it transpired that one of the young women had been to the store of J. R. White and exchanged one of the rings for a diamond ring worth $120.

Frank Alexander and Cyrus Murphy were arraigned in the Police Court at Albany, N. Y., last week, charged with having broken into the store of Frederick W. Hoffman, N. Pearl St., and stolen 32 small diamond rings and a pair of opera glasses. The men were arrested shortly after the burglary had been committed, and a number of rings and a pair of glasses found on them. They admitted the theft when locked up, and when arraigned pleaded not guilty, and were held for the Grand Jury.

James Loverine, 23 years old, was arrested at Buffalo, N. Y., while attempting to sell jewelry in the streets last week. He was charged with peddling without a license, after a permit had been refused by Mayor Adams. He was locked up.

AMETHYSTINE QUARTZ

There are a number of localities where occidental Amethyst or Amethystine Quartz is found.

The finest variety comes from Urals in Russia and is commercially known as

SIBERIAN AMETHYST

Buy From the Cutters

FROM MINES TO MARKET

We have a large quantity of these stones in our own, as well as European cuttings, also

FINE URUGUAY, BRAZILIAN and AMERICAN AMETHYSTS

AMERICAN GEM & PEARL COMPANY

LONDON
16 HOLBORN VIADUCT

14 TO 16 CHURCH ST., NEW YORK

PARIS
39 RUE DE CHATEAUDUN

THE NASSAU BANK

Corner Beekman and Nassau Streets

NEW YORK

ESTABLISHED 1852

OFFICERS

FRANK H. RICHARDSON, President
JAMES C. BELL, Vice-President
WILLIAM H. ROGERS, Cashier
EDWARD EARL, Assistant Cashier

Special Attention paid to Jewelers' Accounts

Diamonds Set Without Cost

means a lot of money saved during the year.

This you can do very easily if you put the above assertion to the test. Bring me a platinum mounting with the requisite number of diamonds, and after I have set the article you will admit that through my skilful and artistic setting the diamonds have gained in brilliancy and quality, and that as a result your mounting has improved greatly and has enhanced three times the value you paid for the setting. At the same time your customers are satisfied with all the orders you turn out. You can also compete with all those who are slow to grasp the importance of these facts.

A trial will convince you of the above. I can refer you to the most reliable houses in the jewelry trade, who will testify to my reliability and to the skilful manner in which I execute my settings on fine.

Platinum Mountings, Watch Cases, Lockets,

Roman colored goods and Gypsy rings.

RUDOLF BRETTNER

65 Nassau Street NEW YORK

Established 1883 Telephone 2547 Cortlandt

MAIL ORDERS RECEIVE PROMPT ATTENTION

PARIS FRANCE 19 RUE DE CHATEAUDUN and 58 RUE LAFFITTE

Cable Address, NEHOC, PARIS (Lieber's Code Used)

JULES E. COHEN

PRECIOUS STONES

Buying Agent and Broker

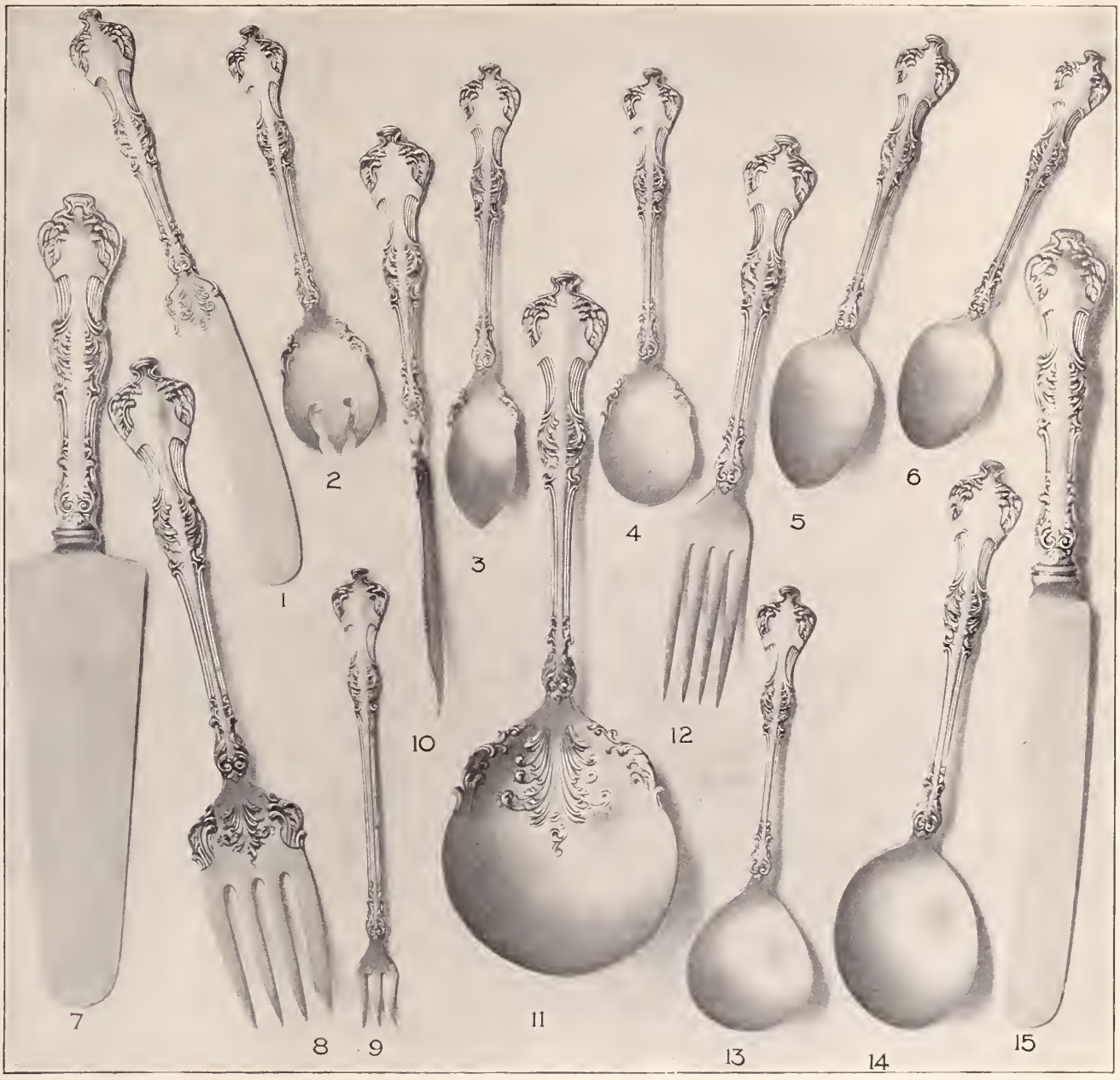
MEYEROWITZ BROS.,

IMPORTERS OF **DIAMONDS,**

37-39 MAIDEN LANE, NEW YORK CITY

A Complete Line of Precious, Semi-Precious and Imitation Stones. Mail orders promptly attended to.

Telephone, 4577 John.



The "Crest" Pattern

is the latest design produced in the old reliable **"Star (★) Brand."** It will prove one of the most popular patterns on the market.

"★ ROGERS & BRO. A-1"

(Trade-Mark)

Furnished in Bright or French Gray. A full line now ready for delivery. Send for booklet. Supplied by us direct and by all leading jobbers.

International Silver Co.
Successor to

ROGERS & BROTHER, **Waterbury, Conn.**

Warerooms—9-11-13 Maiden Lane, New York

GORHAM UMBRELLAS

A HINT TO JEWELERS

¶ In order that Umbrellas and Canes may form an appropriate and profitable feature of the Retail Jeweler's Stock, it is essential that they should be characterized by an individuality of appearance so marked as to readily distinguish them from the purely commercial offerings of the dry goods stores. Thus only will they command the consideration of the most desirable class of customers.

¶ Especially notable in this regard are the Gorham Company's productions. Fashioned by expert workmen, of the most admirable materials, the originality of their artistic treatment confers an aspect of exclusive distinction in harmonious accord with that of fine jewelry and elaborate silverware.

THE GORHAM COMPANY,

Silversmiths and Goldsmiths

Fifth Avenue and 36th Street, New York.

BRANCHES:

CHICAGO, 137 Wabash Ave.

NEW YORK, 23 Maiden Lane.

SAN FRANCISCO, Temporary Office: 1103 Broadway, Oakland, Cal.

LONDON, Ely Place.

WORKS: Providence and New York.

THE JEWELERS' CIRCULAR
WITH WHICH ARE CONSOLIDATED
THE HOROLOGICAL REVIEW.
THE JEWELERS' WEEKLY.
THE JEWELERS REVIEW

PUBLISHED EVERY WEDNESDAY BY
THE JEWELERS' CIRCULAR PUB'G CO.
11 JOHN ST. COR. BROADWAY, NEW YORK.

TELEPHONE: 1148 CORTLANDT. CABLE ADDRESS: JEWLAR NEW YORK

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Remit by check or money order! Remittances in money are at sender's risk.

Notices of changes in standing advertisements must be received one week in advance; new matter can be received up to Monday.

No attention paid to communications unless accompanied by full name and address of the writer. This is asked not necessarily for publication, but as an evidence of good faith.

Index to Special Articles.

	Page. Page.
Antique Greek Necklace and Earrings; illustrated on front cover	
Ancient Greek Jewelry in the Metropolitan Museum of Art	47, 48
Can Science Produce Artificial Gems Other Than Rubies?	49
Customs Decisions Differentiating Between Millinery Ornaments and Jewelry	51
Test Suit Over Coral Duty	51
Career of the Late Ernest Ludeke	53
Death of Harry Gillespie	53
Gem Dealers Deny Report that Real Pearls Are Imitated Otherwise than in Glass	53
Death of Henry N. Prill	53
The Trade in London	55
Members of the N. E. M. J. and S. Assn. Hold Annual Session and Elect Officers	55
Search for John H. Sweger, Lewistown, Pa.	55
Daring Thieves Rob Window of Hoboken Jewelry Store	55
Trenor P. Judd, Syracuse, N. Y., Files Bankruptcy Petition	57
Pittsburg Jewelry Salesman Accused of Larceny Arrested in New York	57
Importers Protest Against Ruling on Rough Reconstructed Rubies	57
Importations at the Port of New York	57
Chicago Workmen Vote to Stay on Strike	59
Mississippi Optometrists Hold Meeting in Jackson	59
Jewelry, Clocks and Kindred Lines Exported from New York	59
Death of Simon Hesse	59
Death of William Walsh	59
Manuel Suarez Tried on Smuggling Charge and Released	61
Receiver for Richard Deutz, Trenton, N. J.	61
Death of R. P. Twambley	61
Walter H. Lydick Arrested at St. Louis	61
Death of William R. Phennig	61
Death of Joseph A. Feinier	61
Association Notes	63
The Optometrist's Catechism	91
A Study of Convergence and Its Defects—(Concluded)	93
Ohio Opticians Working for Legislation	94
The Art of Watch and Clock Making	103
Why He Did Not Want a Striking Clock	107
The City Hall Clock of Philadelphia, Pa.	107
A Comparison and an Analysis of Two Advertisements Written in Verse	113
Why the Dressing of the Show Window Seems a Dreaded Task to Some Storekeepers	116
The Storekeeper On the Market	117
The Way of the Enterprising	117
The Question of Price	117
"Yankee Jewelry Dandy"	117
Workshop Notes	119
A New Benzine Lamp	119
Japanese Pottery and Porcelain	121
A Fine Collection of Pewter	123
Jewelry Presented by a Nobleman in 1476	123
Remarkable History of the Spanish Crown Jewels Taken by Marat	125
Production of Platinum in 1905	125

The Laws Against Fraudulent Advertising.

OWING to the numerous examples of deceptive advertising that have been called to the attention of this journal from time to time within the past year, it is evident that many merchants, including some in the jewelry or imitation precious stone trades, seem to be unaware of the fact that it may be dangerous to falsely represent their merchandise in their public announcements, for not only does false representations come within the general criminal statutes of some States, but in some—New York particularly, where most of these statements have appeared—there is a special statute, passed in April, 1904, which specifically forbids any such announcement containing false assertions concerning the quantity, quality, value of production or manufacture of merchandise. This law, to which particular attention was called in THE CIRCULAR-WEEKLY about the time that it was passed, comprises Subdivision 8, Section 1, of Section 364 of the Penal Code, and reads as follows:

> Any person, firm, corporation or association, or any employe thereof, who, in a newspaper, circular or other publication published in this State, knowingly makes or disseminates any statement or assertion of fact concerning the quantity, the quality, the value, the method of production, or manufacture, or the reason for the price of his or their merchandise, or the manner or source of purchase of such merchandise, or the possession of rewards, prizes or distinctions conferred on account of such merchandise or the motive or purpose of a sale, intended to give the appearance of an offer advantageous to the purchaser which is untrue or calculated to mislead, shall be guilty of a misdemeanor.
>
> Any person, firm, corporation or association, or any employe thereof, who violates any provision of this act shall be liable to a fine of not less than $25 nor more than $100 for each offense.
>
> This act shall take effect immediately.

A careful reading of the statute will show that it is decidedly drastic and forbids practically every kind of false statement that may be made by an advertiser, whether as to the quality of the merchandise or the motive for selling it, and even goes so far as to forbid the use of any statement which is calculated to mislead or give the appearance of an advantageous offer when such is not the fact.

In view of this statute we feel that false advertising should absolutely cease within New York State, and after again calling attention to the statute this journal gives notice that it intends to invoke the law in future against firms in or pretending to be in the jewelry trade who knowingly or wilfully deceive consumers by fraudulent statements in their announcements.

The attention of one firm in New York has been already called to the law by THE CIRCULAR-WEEKLY, with the announcement that a future violation of the act will be called directly to the attention of the District Attorney.

Sound Business Indicated by Few Failures.

ACCORDING to the statistics relating to commercial failures in the United States during the past nine months, there were fewer failures during that period of 1906 than in the corresponding period of the previous year, though the liabilities recorded were slightly greater this year than last. On the other hand, the reports for September alone compare most favorably with that month in early years, and even the figures for the third three months make a better showing than those of the beginning of the year. This has been taken as indicating a general improvement in business that has been continuous throughout the year, and the present position of the mercantile world would appear, therefore, to be even more sound than in July or than at the end of the first quarter. When the failures are divided according to certain classifications (manufacturing, trading, brokerage, real estate and other occupations) the excellent position of the manufacturing and trading world is made especially apparent, substantial improvement in both lines being noted right straight along through the year.

According to *Dun's Review* the insolvency returns in the year so far indicate an unprecedentedly sound condition of business, adding their testimony to the many other gratifying statements that have appeared. With business expanding at a rate never before equaled, both as to the number of new firms in business and the amount of capital involved, it is to be expected that some increase will be found in the number of unsuccessful ventures, yet the statistics do not show any such proportionate increase in either number of failures or amount of liabilities.

As far as the jewelry trade alone is concerned, the failure statistics for the nine months, and for the third quarter of the year, are very favorable, being far below the average both in number and the amount of liabilities. According to the figures given in the table of failures by branches of business, compiled for *Dun's Review*, there were but 25 insolvencies among the dealers in jewelry and clocks during the last three months, whose total liabilities amounted to $162,890, or an average of $6,515. How this compares with the failures during the third quarter of the four previous years is shown in the same table, which gives 24 failures in 1905 with liabilities of $143,288; 39 failures in 1904 with liabilities of $256,156, and 27 failures in 1903, with liabilities of $170,904 and 25 in 1902 with liabilities of $276,173. As far as the month of September alone is concerned, the failures in the jewelry trade were unusually low, both in number and liabilities, there being recorded only six with liabilities of $16,428, or an average of $2,738, as against nine in September, 1905, with liabilities of $80,407; 10 in September, 1904, with liabilities of $48,181; eight in September, 1903, with liabilities of $81,655, and 12 in September, 1902, with liabilities of $152,492.

Altogether the showing is as good as any trade could ask, and indicates that the continuous increase in business, which all lines of the jewelry trade have experienced since the beginning of the year, has been coincident with a strong financial condition among retailers that has not been marred by the usual tendency to undue expansion, or, in other words, a desire to do too large a business on too small a capital.

Chas. L. Taylor, Dennison, O., and Miss Nellie Snyder were recently united in marriage in Bellaire, W. Va.



MEMO. PACKAGE ON REQUEST

You don't have to take our word as to the *price* of our diamonds being *low* and the *quality high.* Send for a Memo. package and judge for yourself. Anything you want—loose or mounted—sent on request.

CROSS & BEGUELIN

Importers and Cutters of Diamonds and Precious Stones

43 Rue de Meslay, Paris *Telephone 2188 Cortlandt* *17 Maiden Lane, New York*

PRESS DOWN THE TIPS WE'VE DONE THE REST

PEOPLE CHOOSE THE ARCH CROWN



EASY TO SELL
Samples on Request



PEOPLE CHOOSE THE ARCH CROWN



EASY TO SET
Samples on Request

COMPLETED BEARING ARCH CROWN MOUNTINGS INSURE PERFECT SETTING

DIAMONDS SHOW WHITEST **PLATINUM TIPS** Have You Tried Them? They Wear Longest

Cross & Beguelin, New York.
Kossuth Marx Jewelry Co., New York.
D. C. Percival & Co., Boston.
Jos. Noterman & Co., Cincinnati.
M. Schussler & Co., San Francisco.
Schrader-Wittstein Co., Chicago.
Leonard Krower, New Orleans.
Chas. Wathen & Co., Denver.
Eisenstadt Mfg. Co., St. Louis.
T. R. J. Ayres & Sons, Keokuk, Ia.

ARCH CROWN MFG. CO., 26 Camp Street, NEWARK, N. J., U. S. A.

Last Week's New York Arrivals.

THE CIRCULAR-WEEKLY each day posts in its office a bulletin of the latest buyers visiting New York, which every member of the trade is cordially invited to copy.

For the sum of $10 (payable in advance), a daily list will be mailed or delivered, during the Fall season (Aug. 1—Dec. 15), to the offices of those desiring this service.

ALBANY, N. Y., L. Miller (L. Miller & Bro.), Park Ave.

BALTIMORE, MD., H. C. Garthe, Breslin.

BINGHAMTON, N. Y., B. T. Ash (B. T. & W. E. Ash), Grand.
C. F. Sisson, Jr. (Sisson Bros.-Welden Co.), Grand.

BOSTON, MASS., F. Bennett, St. Denis.
J. A. Crosby, Jr. (C. A. W. Crosby & Son), Union Hill.

CHICAGO, F. Reid (Boston Store), Grand.
S. Leboldt (Rothschild & Co.), 43 Leonard St.

CINCINNATI, O., O. Keck, Astor House.

DETROIT, MICH., H. Taylor (Taylor-Woolfenden Co.), Union Sq.

HORNELLSVILLE, N. Y., M. W. Waldorf (Geo. A. Waldorf & Son), Breslin.

JACKSONVILLE, FLA., J. H. Crosby (Greenleaf & Crosby Co.), Carter, Howe & Co., 9 Maiden Lane.

JAMESTOWN, N. Y., F. L. Chase, Grand.

MERIDEN, CONN., J. J. Killeen (A. S. Thomas), Normandie.

NASHVILLE, TENN., P. J. Briscoe, Jr. (Briscoe, Daniel & Bro.), Imperial.

NEW BEDFORD, MASS., A. S. Thomas (J. J. Killeen), Normandie.
J. K. Nye, Westminster.

PHILADELPHIA, PA., Miss Huber (Blum Bros.), Gerald.

PITTSBURG, PA., B. Neiman, Herald Sq.

PROVIDENCE, R. I., E. M. Bixby (The Shepard Co.), Bartholdi.

SALEM, MASS., W. T. Grant (Almy, Bigelow & Washburn), 2 Walker St.

TAMPA, FLA., H. E. Adams (H. W. Wheeler & Co.), 2 Maiden Lane.

WASHINGTON, D. C., W. Coleman (M. Goldenberg), Grand.
Mrs. J. C. Nourse (Woodward & Lothrop), Holland.

WHEELING, W. VA., H. Quarrier (Delaplain Dry Goods Co.), Seville.

Pacific Northwest.

W. S. Sparrow, Chicago, is visiting friends in Eugene, Ore.

An addition is being added to the store of M. L. Vial at Weiser, Idaho, which will be used for manufacturing purposes.

H. E. Whitman, formerly of Clealum, Wash., has rented a store at Blaine in the same State, and will begin business shortly.

H. S. Tower, formerly of Charles City, Ia., has been in Marshfield, Ore., where he states he will open a jewelry store in the near future.

J. Martin, Seattle, Wash., who was arrested last week on the charge of misrepresenting goods sold, has been discharged, the case against him not having been proved.

A thief who recently entered the store of E. D. Ruggels, Seattle, Wash., was held up at the point of a revolver by the owner, while attempting to escape with a gold ring which he had taken from a tray, and was forced to pay for the article before leaving the establishment. The proprietor tried to hold the would-be thief until the arrival of the police, but was prevented by two of the man's confederates.

New York Notes.

Oscar S. Straus, a member of L. Straus & Sons, 42 Warren St., will shortly enter President Roosevelt's cabinet as Secretary of the Department of Commerce and Labor.

Clark Warren, White Plains, N. Y., and Miss Pearl Hazel Eckers, of Cooperstown, N. Y., were married recently at the bride's home by Rev. S. F. Conger, pastor of the Presbyterian Church of that city.

Burglars tried a few nights ago to enter the store of Charles Handel, Woodhaven, Borough of Queens. Mr. Handel, who sleeps back of the store, heard the noise, and when he looked out of the window two men ran away.

The old Tiffany building, at Union Sq. and 15th St., was sold last Friday to Charles Simon's Sons. Since the jewelry company moved out of it the building has been altered and leased for wholesale purposes of various kinds.

Herbert K. Smith has sent out notices calling attention to his "three up-to-date stores," at 370 Fulton St., Jamaica; 267 Central Ave., Far Rockaway, and 492 Boulevard, Hammels, all in the Borough of Queens. In each store, besides the jewelry lines, there are optical and engraving departments.

On the *Prinz Waldemar*, arriving one day last week from the West Indies, was a passenger suspected of having in his possession a quantity of emeralds which he would try to smuggle. Customs inspectors made a careful search of the man and his baggage, much to his indignation, but found nothing contraband.

A check for $100 was recently sent by Secretary James H. Noyes, of the Jewelers Security Alliance, to Inspector John H. Boyle, of the police department at Springfield, Mass., as a reward for the capture and conviction of the burglar who on the night of April 13 entered the store of E. A. Whipple & Sons, in that city.

Increased importations of earthen ware, stone and china ware, for the first eight months of the present year, are shown from several countries, as compared with the corresponding period of 1905. The United Kingdom has increased from $1,811,549 in valuation to $2,047,557. From France the importations have increased from $1,083,019 to $1,246,628. Japan has gone up from $709,050 to $1,182,516. There has been a slight falling off in the imports from Germany which amounted in the eight months of this year to $3,101,529, while in the corresponding period of last year the total was $3,182,357. A large part of the gains has been in decorated or ornamented china.

Frank P. Pollatchek, a dealer at 1177 Third Ave., reported to the police last Wednesday that his pocket had been picked and his purse, containing diamond jewelry to the value of $3,000, had been stolen while he was riding in a crowded westbound 28th St. car, about 10:30 o'clock in the morning. He said that two or three men jostled him, and in a few moments, when he felt for his pocketbook, it was gone. The police arrested three men, said to be crooks, but Mr. Pollatchek could not identify them. Subsequently he picked out two photographs in the Rogues Gallery as those of men who crowded about him in the car. The police sent for these men, who will be examined.

Abraham Berrent, a retailer at 4 E. 119th St., appeared in the Tombs Police Court last Wednesday as the complainant against Richard Scherer, who had been arrested on a charge of grand larceny, as related in last week's New York notes. A diamond sunburst, valued at $800, was obtained by Scherer on memorandum, according to the charges, and was afterward pledged in a pawnshop, where Mr. Berrent found it. Scherer, who was employed in a jewelry store at 1422 Third Ave., is also accused of converting articles obtained on memorandum from Cross & Beguelin and from Samuel Ehrlanger. The prisoner was held for the Grand Jury.

The case of the United States against Tiffany & Co., an action to recover duties on 59 pearls, was not argued at the recent term of the United States Circuit Court of Appeals, because of the death of the importing company's counsel. D. Macon Webster has been named as the new counsel, and the case has been placed on the calendar of the new term which will begin Nov. 12. In this case, particulars of which were published in the issue of Oct. 17, the importers paid a duty of 10 per cent. on the pearls, and afterward the Government reliquidated the entry, demanding an additional payment of 50 per cent., which the importers refused to pay. The main issue is whether or not the pearls constitute a necklace.

Talking of the recent 400 per cent. advance declared by the Premier Diamond Mining Co., and of the market tendencies of the stock of this company and of the De Beers Consolidated Mines, Ltd., a diamond importer who closely watches the quotations said yesterday: "Directly after the declaration of this large dividend the value of the Premier shares fell off largely. The face value of the shares is 2s. 6d., making eight shares to the pound. The decline was from £14½ to £11, and afterward the shares reacted to £12⅜. The Premier shares have shown a downward tendency of late, while De Beers shares have been going up a little. Aug. 17 the Premier shares sold at £16¾ and De Beers at £17⅞. The quotations Oct. 12 were: Premier, £12⅜; De Beers, £19¾."

Count Gyula de Festetics, for many years a prominent art metal enameler at Fourth Ave. and 18th St., was in the West Side Police Court Thursday, charged by his wife with kidnapping their son. His defence was that the boy was in need of medical treatment, which he was not receiving while in his mother's care because the latter is a Christian Scientist, and so does not believe in the administration of medicine. Mrs. Festetics claimed that she had given the boy medicine and all other proper attention. The case was dismissed, as the matter is to come up in the Supreme Court in proceedings to punish the father for contempt for violation of an order giving the legal custody of the boy to Mrs. de Festetics. The Count was represented in the proceedings by Moses Grossman as counsel, while Lorlys Elton Rogers appeared for the mother.

E. M. Gattle & Co. recently took possession of their enlarged and remodeled store at the southwest corner of Fifth Ave. and 38th St. The Gattle building on this corner has been made larger by the construction of an addition fronting on the Fifth Ave. side. The jewelers occupy the ground floor and basement. The interior of the store has been handsomely refitted in mahogany in Colonial style. The artificial lighting is from chain chandeliers suspended, one in the center of each of the ceiling panels. As the Fifth Ave. front and the 38th St. side of the store are practically all of glass, there is the best of lighting in the daytime. Show cases are arranged in a horseshoe form, extending the length of the store, and another line of cases extends beside the windows on the 38th St. side. In the northwest corner Mr. Gattle has his private office. The store is devoted exclusively to jewelry, no other lines being carried.

Miss Ettie Abeloff, who is a sister of Samuel Abeloff, 54 Maiden Lane, and who had been for seven years in her brother's office, was married last Sunday to Horace I. Kaplan, an importer of agate ware, of Brooklyn. The ceremony was performed in Vienna Hall, Lexington Ave. and 58th St., by the Rev. Rabbi Kolmen, assisted by Rev. Rabbi Kaplan. Mr. Abeloff gave away the bride. Among the 368 guests attending were a number prominent in the jewelry and other trades. The presents were numerous, handsome and costly, including 58 articles of jewelry, many of which were especially designed. The present given by Mr. Abeloff was in the form of a check for a handsome amount, besides a pair of diamond earrings. Congratulations were extended to the young couple on all sides, many telegrams being received. The wedding festivities, which were unusually elaborate, concluded with dancing, after which the newly married couple left for an extended trip.

Joseph Fahys & Co. completed in the last week the work of moving to their new offices and salesrooms in the enlarged Fahys building. The salesrooms now occupy the fourth floor front of 52 and 54 Maiden lane, and to the accounting rooms is given the entire third floor front. The store at 52 Maiden lane will be occupied about Nov. 15 by the Alvin Mfg. Co., which will also occupy the first floor front over the store as a stock room, and the entire second floor front for wholesale purposes. The growth of the companies controlled by the Fahys interests has for some time demanded additional facilities, which are now obtained in the increased room of the new quarters. The Fahys building has now double its original frontage on Maiden lane, and the completed structure is a splendid architectural addition to the district. The Alvin building, at Fifth Ave. and 35th St., is now ready for tenants, and the Alvin Mfg. Co. has taken possession of the first two floors for its uptown business. This building is a substantial commercial structure built of pressed brick in a drab color with attractive iron ornamentation. The windows on the Fifth Ave. side are set in iron frame work like a huge panel set in the facade. There are similar windows in large number on the 35th St. side, and the lighting of the buildinig is one of the features which

(*New York Notes continued on page 79.*)

IN THE HEART OF THE JEWELRY DISTRICT.

Guardian Trust Company,

170 BROADWAY, COR. MAIDEN LANE, NEW YORK.

Capital and Surplus - Over $1,000,000

Equitable rates of interest allowed on surplus funds. Collection of out-of-town items made on reciprocal basis.

FRANK W. WOOLWORTH, President.
GEORGE W. FAIRCHILD, Vice-President. LATHROP C. HAYNES, Secretary.
CHARLES L. ROBINSON, Vice-President. ALFRED M. BARRETT, Asst. Sec'y.

Prominent Jewelers Among our Directors: LUDWIG NISSEN. A. K. SLOAN. LEOPOLD STERN.

THE ORIENTAL BANK.

ESTABLISHED 1853.

182 and 184 Broadway, Corner JOHN STREET, NEW YORK.

Capital, - - - $750,000.00.
Surplus and Profits, 1,100,000.00.

ACCOUNTS FROM THE JEWELRY TRADE ARE SOLICITED.

R. W. JONES, Jr., President.
NELSON G. AYRES, First Vice-President.
GEO. W. ADAMS, Cashier
LUDWIG NISSEN, ERSKINE HEWITT, CHARLES J. DAY, } Vice-Presidents.
R. B. ESTERBROOK, Assistant Cashier.

The Market and Fulton National Bank of New York.

ORGANIZED 1852. 81-83 FULTON STREET.

Capital, $1,000,000. Surplus, $1,335,000.

ALEXANDER GILBERT, President.
R. A. PARKER - - Vice-President.
T. J. STEVENS - - - - Cashier.
JOHN H. CARR - Asst. Cashier.

Invites the Accounts of Jewelers.

Will extend every facility that good banking will justify.

SAFE DEPOSIT VAULTS.

The Chatham National Bank

Broadway and John Street, New York

GEORGE M. HARD, President

H. P. DOREMUS, Cashier W. H. STRAWN, Ass't Cashier

THE STATE BANK

376-378 GRAND STREET, NEW YORK

Capital and Earned Surplus, over $1,100,000. Deposits over Fourteen Millions.

Offers a favorable market for short and long time jewelry and diamond paper

THE MERCANTILE NATIONAL BANK

OF THE CITY OF NEW YORK

195 BROADWAY

Capital
$3,000,000

Founded 1850

Surplus
$3,000,000

OFFICERS

FREDERICK B. SCHENCK, President.
MILES M. O'BRIEN, Vice-President.
WILLIAM H. TAYLOR, Vice-President.

JAMES V. LOTT, Cashier.
EMIL KLEIN, Assistant Cashier.
ALFRED W. DAY, Assistant Cashier.

STATEMENT AT CLOSE OF BUSINESS, SEPTEMBER 4th, 1906

RESOURCES		LIABILITIES	
Loans and Discounts	$18,059,467.54	Capital Stock	$3,000,000.00
U. S. Bonds	1,758,212.50	Surplus and Undiv. Profits	4,648,663.78
Bonds to Secure U. S. Deposits	310,000.00	Reserve for Taxes	46,370.19
Furniture and Fixtures	87,495.36	Bank Notes	1,542,500.00
Real Estate and Securities	2,173,398.60	Deposits	22,016,823.77
Due from Banks and Bankers	1,771,648.37	U. S. Bond Account	105,000.00
Cash	7,199,135.37		
	$31,359,357.74		$31,359,357.74

DIRECTORS

CHARLES P. ARMSTRONG
WILLIAM BALLIN
WILLIAM F. CARLTON
ROBERT C. CLOWRY
WILLIAM NELSON CROMWELL
WILLIAM J. CURTIS
FREDERICK L. ELDRIDGE
EDWIN GOULD
EDWARD T. JEFFERY
JOHN F. KEHOE
EMANUEL LEHMAN
SETH M. MILLIKEN
CHARLES W. MORSE
HARRY F. MORSE
BENJAMIN NICOLL
MILES M. O'BRIEN
AUGUSTUS G. PAINE
DICK S. RAMSAY
ADOLPH RUSCH
GEORGE H. SARGENT
WILLIAM SKINNER
ABRAHAM STERN
WILLIAM H. TAYLOR
ERNST THALMANN
EDWARD R. THOMAS
ROBERT M. THOMPSON
WARNER VAN NORDEN
ISAAC WALLACH
JOHN SKELTON WILLIAMS
RICHARD YOUNG
FREDERICK B. SCHENCK





Jet Mounted Combs
Jet Bracelets
Jet Festoons
Jet Barrettes
Jet Crosses
Jet Brooches
Jet Collars
Jet Buckles

Ours is the only complete line of French Jet Jewelry in the country. Line complete in every detail.

Selection packages sent upon request.

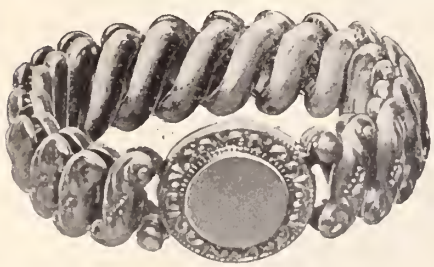
CHOPARD FRÈRES

49 Maiden Lane
NEW YORK

FACTORY:
35 Rue des Trois Bornes
PARIS, FRANCE

LADY ETHEL

FINEST QUALITY GOLD FILLED

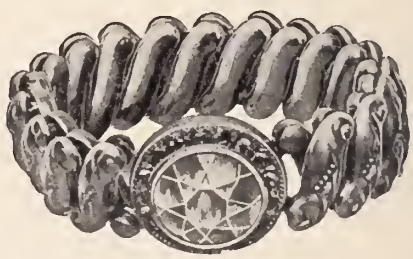


Price per Dozen, $30.00 Net.

FINEST QUALITY GOLD FILLED



Price per Dozen, $24.00 Net.



Price per Dozen, $30.00 Net.

These Bracelets contain more gold than any Bracelet on the market at these prices.

SEND FOR SAMPLES

C. H. EDEN CO., Attleboro, Mass. New York Office 699 Broadway

New York Notes.

(*Continued from page 753*)

will especially commend it to tenants in the trade.

Charles Weygand, polisher, at 64 John St., has added a coloring plant.

J. Jacoves has moved from 295 Bowery to 41 Maiden Lane, where he will continue the manufacture of gold chains and bracelets.

F. E. Leimbach, 65 Nassau St., left Saturday for Vincennes, Ind., to obtain a pearl of unusual qualities which was found recently, according to report, at one of the fisheries.

Notices have been received from the E. H. H. Smith Silver Co., Bridgeport, Conn., that because of the advance in metal the prices have been revised, and the new list is made effective to-morrow.

From Canada an elk's head measuring 56 inches from the base to the tip of the horns and 46 inches across came last week to the office of Dieges & Clust, where it has been added to the other ornaments.

Another adjournment was taken last Friday in the case of Conrad Schickerling, the president of Schickerling Bros & Co., the corporation in bankruptcy, who has been accused of grand larceny. The next hearing is now set down for Nov. 8 at 3:30 P. M. in the Jefferson Market Court.

Jean R. Tack, Newark, N. J., was the complainant in the Court of Sessions one day last week against William L. Edwards, accused of assault and battery. The jeweler testified that the assault was committed when he tried to collect a bill for $30 from the defendant in the latter's office.

Miniature diamond cutting and polishing works, modeled after one of the Amsterdam factories, is being shown in the store of Abraham & Straus, Brooklyn. There are two square red-brick buildings, one for the power house and the other for the cutting plant, which is operated by an electric current.

Maurice Brower, who recently returned after a trip to Paris, said yesterday that while he was there an American bought several pearls weighing 20 grains each on an 85 franc basis, or upward of $6,000 for each gem. Mr. Brower said that pearls were never before so high, in his experience, as he found them on this trip.

After pleading guilty in the Court of General Sessions last Friday to the charge of grand larceny in obtaining silverware to the value of several hundred dollars from the Gorham Co., Dr. John H. Billings, 366 Lexington Ave., was sentenced by Recorder Goff to six months in the penitentiary. The prisoner obtained the silverware by using the names of other persons.

L. Simon, 525 Fulton St., Brooklyn, is a member of the committee appointed by the Merchants' Protection League for the purpose of conferring with city authorities as to the condition of that street which has been torn up and obstructed ever since work began on the subway. The committee reports that it has already obtained some improvement of conditions.

Members of the jewelry trade were among the business men representing various industries who were present at the unveiling of the granite and bronze drinking fountain erected in Van Cortlandt Park as a memorial to the late Algernon Sydney Sullivan, who was a member of the law firm of Sullivan & Cromwell, attorneys for the old Jewelers' Association about 17 years ago.

In the Adams St. Police Court, Brooklyn, Richard Schluttig, foreman in the employ of the Cooper Diamond Co., was on Wednesday of last week held for the Grand Jury on the charge of grand larceny in stealing diamonds and pearls to the value of $1,500 from his employers. Mr. Schluttig had charge of the company's jewelry factory, which joins its cutting works on Eighth Ave., Brooklyn. The details of the case were published in last week's issue.

A report that a jewel box, confiscated by customs inspectors from the clothing of Hugo L. Lederer, a passenger on the *Deutschland* on the last trip to New York, had once been the property of a member of the German royal family, was not wholly credited by the trade. The box and some jewelry were said to be worth about $500, and Mr. Lederer, who is a shirtwaist manufacturer at 23 W. 111th St., did not enter the articles in his declaration. No representative of royalty has yet claimed them.

About 120 members were present at the meeting held on the evening of Oct. 23 by the New York Watchmakers' Society in its hall, Third Ave. and 18th St. The feature of the evening was a lecture delivered in German by Joseph Menzel on "The Mainspring as the Driving Power of the Watch." This lecture, which had been prepared with much care, was declared by members to be one of the most instructive that had ever been delivered before the organization. Three other lectures will be given during the winter season.

Announcement was made last week of the incorporation at Portland, Me., of the W. F. Doll Mfg. Co., which is to manufacture gold cases and sell watches directly to the public. The new corporation takes over the business of the W. F. Doll Mfg. Co., a New York corporation at 175 Broadway, New York. The total authorized capital stock of the new company is $500,000, and the stock is being offered to the public in $10 shares at par. In its announcement the company says that it will establish branches for the sale of its product at San Francisco, Cal., Chicago, and other cities.

At the Brooklyn Purchasing Syndicate, 608 Broadway, in that borough, the stock of Curran Bros., bankrupts, at Gainesville, O., was received last week, and is being sold at auction, the sale beginning yesterday and continuing daily to and including Friday of this week. The sale of the stock in bulk took place Oct. 11 at the Gainesville store, and many bids were received by the trustee in bankruptcy. Frank Walker, representing the Brooklyn company, put in a bid considerably higher than any others, and subsequently the sale to Mr. Walker was confirmed by the referee in bankruptcy.

Alfred H. Smith & Co., 170 Broadway, have opened their new uptown branch at 475 Fifth Ave., in the Farmers' Loan & Trust Co. building, directly across from the new library. The uptown establishment is an addition to the downtown business, which continues as heretofore. The Fifth Ave. quarters have been handsomely finished in mahogany, and have been furnished in a manner suggestive rather of the comforts of home than of the ordinary store or office. Friends of the company will find here a convenient place to call, and every facility has been provided for the convenience of patrons in making selections from the stock.

The Oscar Trilsch Co., Whitestone, L. I., was incorporated Monday to manufacture jewelry cases, with an authorized capital of $10,000. The directors are: George Loring, R. H. E. Starr, H. R. Bauer, New York.

Frederick A. Jeanne, Paris, arrived in New York Saturday on the *Philadelphia*, and will remain here until Nov. 17, when he will return on the *New York*. While here he makes his headquarters with the Maiden Lane Safe Deposit Co.

Pawn tickets have been turned over in the last week to John R. Keim, receiver in bankruptcy of Charles A. Weber, the diamond dealer at 320 Fifth Ave., against whom a petition was filed, as related in last week's issue. The tickets represented diamonds and jewelry pawned by Mr. Weber. Ten of the tickets were for articles the ownership of which was claimed by other persons who said that they had entrusted the jewelry to Mr. Weber on memorandum. Among those to whom tickets were turned over were L. L. Kufeke, 11 pieces of jewelry, pledged for $4,500; G. B. Hurd, 2 pieces, pledged for $3,900; Eisenmann Bros., a pearl necklace, pledged for $2,500, and Ludeke & Heiser, pearl necklace, pledged for $2,000. The entire amount of the jewelery returned to owners was pledged for $15,625. Mr. Weber's liabilities are about $40,000. It was said when the petition was filed that his equity in jewelry that had been pledged would amount to nearly $20,000. Since the return of the pawn tickets to the claimants mentioned, however, the creditors have figured that the assets remaining for general distribution will be that much smaller than had been expected.

Peculiar incidents mark the disappearance of a package of pearl baroques shipped last week by Isidor Guntzberger, 11 John St., to Bergfels & Co., manufacturers at 336 Mulberry St., Newark, N. J. The baroques, which were placed in a box the size of an ordinary cigar box, were sent by the Adams Express Co. Inclosed in the package was a bill for $150 and a postal card which the consignee was requested to sign and return to the shipper. The postal card came back a day or two later without any signature. The bill for the baroques was delivered to the consignee by mail. Mr. Guntzberger, on inquiry, learned that the box had not been delivered to Bergfels & Co., and at once notified the Jewelers Protective Union, of which he is a member. The society notified the express company, putting in a claim for $50, the limit of the company's liability, as no value was placed on the package. The remainder of the loss is met by the Safety Fund Society. The circumstances indicate that the package was taken from the express company's custody while in transit between this city and Newark, and that the thief was considerate enough to return the postal card to the shipper and to send on the bill to the consignee.



Ball's Official Standard R. R. Watches

WHAT WOULD YOU GIVE FOR A LIFELONG CUSTOMER?

Try this plan:
Sell your next watch customer a "Ball."
Its reliable performance will convince him you are a dealer to be depended on—he'll keep coming back for other things.
The watch will win you his business and friendship for always.

Write for booklet, and watch this space.

We want to add a lot of new friends to the Ball family of railroad watch dealers.

THE WEBB C. BALL WATCH CO.

CLEVELAND
Ball Building

CHICAGO
804-6-8 Railway Exchange

ESTABLISHED 1854. INCORPORATED 1893.

JUERGENS & ANDERSEN CO.,
DIAMONDS
MAKERS OF FINE JEWELRY,
92 TO 98 STATE STREET,
CHICAGO.

23-25 Looijersgracht, Amsterdam, Holland.

THE HERMAN KECK MFG. CO.
Cutters of
DIAMONDS.

17-19-21-23 West Fourth Street, CINCINNATI, O.

RUDOLPH NOEL PHILIP NOEL

RUDOLPH NOEL & CO.
IMPORTERS OF
DIAMONDS

2 Tulp Straat, AMSTERDAM 'Phone 1902 John 37-39 Maiden Lane, NEW YORK

CHICAGO AND WEST

Western Office:
204 Columbus Memorial Building,
Chicago.

Telephone:
4079 Central,
Chicago.

Vol. LIII. CHICAGO, WEDNESDAY, OCTOBER 31, 1906. No. 13.

Chicago Notes.

M. Newhouse has returned from a trip to the Coast.

Max Goldberg has opened a jewelry store at 51st St. and Ashland Ave.

W. T. Sulzer, New York, has taken a position with the Bartels Optical Co.

W. S. Sparrow, with Stern Bros. & Co., has returned from the Pacific Coast.

M. A. Cohn, representing Rettig, Hess & Madsen, is in from a northern trip.

Horace W. Steere, of Arnold & Steere, Providence, visited Chicago last week.

Leopold Reinheimer, Joplin, Mo., stopped here a few days on his way to New York.

E. A. Dayton, of E. A. Dayton & Co., has returned from a six-weeks' trip to the coast.

E. Klein, of Fred C. Klein & Bro., has returned from a trip through Ohio and Kentucky.

A. Flesenstein, of the Star Diamond Co., has returned from a two-weeks' trip to New York.

E. M. Lunt, manager of the Towle Mfg. Co. in this city, has returned from a trip to the factory.

Fred Rausch, with Kleinschmidt, Howland & Co., New York, visited Chicago trade last week.

R. A. Kettle has just returned from a visit to the factory of the American Waltham Watch Co.

George B. Moore goes with C. D. Peacock on Nov. 1 to take charge of the advertising and catalogue departments.

Harry E. Farquharson, representing E. D. Gilmore & Co. here, has just returned from a trip through the southwest.

George H. Fuller, of the George H. Fuller & Son Co., Pawtucket, R. I., is visiting the Chicago office and the local trade.

A. L. Wiffin, for nearly 20 years with Benj. Allen & Co., has left that concern to go into the retail jewelry business at Ritzville, Wash.

Frank H. Challen, with the Ohio Cut Glass Co., has returned from a trip to the northwest, and is now on a trip through Michigan and Indiana.

Carl Michel, formerly with C. A. Port, Portage, Wis., has gone in business for himself in Portage. Mr. Michel was here during last week buying his opening stock.

Jacob Weiss, father of Adolph Weiss, of Heinrich, Herman & Weiss, died last week after a short illness. Mr. Adolph Weiss is receiving the condolences of his many friends.

The office force of the Western Clock Mfg. Co., La Salle, defeated the machinists in the last series for the baseball championship of the company by a score of 12 to 5.

Charles J. Zeller, with Dieges & Clust, went with his regiment, the First Illinois, last week to attend the ceremonies at the dedication of the Illinois State Memorial at Vicksburg, Miss.

At the annual conclave of the Grand Commandery of Knights Templar of Illinois, held here last week, George E. Feagans, of Joliet, Ill., was elected to the office of Grand Warden.

George Armstrong has accepted a position with the Mauser Mfg. Co. here, and will call on the city trade. He was formerly employed by the International Silver Co.'s office in this city.

J. A. Lucas, representing the A. H. Bliss Co., has returned from his Fall trip. He was compelled to resort to the use of crutches during a greater part of the time, as he was a sufferer from rheumatism.

Hyman, Berg & Co. are having erected a large clock on a specially designed bronze pedestal at the corner of the sidewalk in front of their store. The design of the bronze work is by Harry L. Ottenheimer.

Word was received here last week that P. M. Boyer died at Grass Valley, Ore., recently, where he had been in business for the past two years. Mr. Boyer was well known in the trade, and formerly was in business at Omaha.

James Lynch, for the past seven years manager of the optical department of Otto Young & Co., has accepted a similar position with the Geneva Optical Co. C. Perry, formerly with the Bartels Optical Co., has taken the place vacated by Mr. Lynch.

The following buyers were in town during the past week: M. M. Huck, Kenosha, Wis.; S. Davidson, of Davidson Bros. Co., Sioux City, Ia.; J. B. Hudson, Minneapolis., Minn.; E. H. Carpenter, Burlington, Ia.; Messrs. Russell and Foland, Mt. Pleasant, Mich.; C. F. Bauer, Saginaw, W., Mich.; J. M. Scribner and wife, Attica, Ind.; F. E. Carlson, Attica, Ind.; E. E Chandler, Boone, Ia.; George F. Beech, Valparaiso, Ind.; C. W. Fenn, Prophetstown, Ill.; M. Trenkley, of Trenkley & Koerber, Ft. Wayne, Ind.; Charles Ham, of Blake & Ham Jewelry Store, Frankfort, Ind.; J. R. Mercer, Kansas City, Mo.; Mr. Barrett, of Hollister & Barrett, Freeport, Ill.; J. A. Van Pelt, Brunswick, Md.; Robert Nicoll, Kenosha, Wis.; K. C. Koons, Beatrice, Neb.; Mr. Newhouse, Red Cloud, Neb.

H. H. Berg and Paul Arduser have been in the city during the past week, and have selected a very complete stock for their new store at Dubuque, Ia., where they succeed to the good-will of the defunct firm of A. R. Knights & Co. Mr. Arduser was connected with the latter concern for the past 17 years, while Mr. Berge has been engaged with his father, who was formerly Mayor of Dubuque, in other lines.

Denver.

A. G. Bruce, auctioneer, New York, was in this city the past week.

C. R. Fraiser has just returned to Denver from a trip to Los Angeles, Cal.

Frederick Phiffer, formerly with Shreve & Co., San Francisco, Cal., has taken the position of engraver with Joseph I. Schwartz.

J. W. Edmonds, of Delta, Colo., was taken sick with typhoid fever while on a purchasing trip to this city, and is now at the Mercy Hospital.

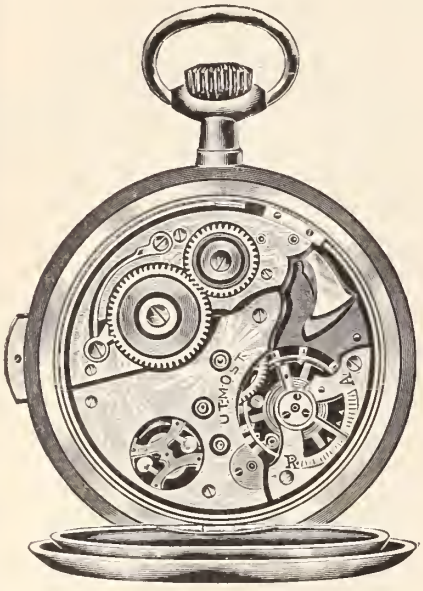
Miss L. Shockley, of the Pacific Gem Co., the only lady traveling representative visiting the Denver trade, paid her first visit to this city last week.

Charles Wathen & Co. have just completed a large modern burglar and fireproof vault. This enables the concern to dispense with the old safes.

Charles B. Krueger, manager of the tool and material department of the Edward Lehman Jewelry Co., has taken a similar position with Nordman Bros., San Francisco, Cal.

Out-of-town jewelers who called on the local jobbers and manufacturers last week included: I. O. Glazier, Greeley; C. A. Beghtol, Canyon City; John Owsley, Creede; F. J. Mund, Leadville; John Maurer, Lake City; J. B. Flatow, Victor; L. J. Henry, Rocky Ford; F. C. Helt, Fort Collins

L. A. EPPENSTEIN & CO., 133 Wabash Ave., Chicago, Ill.



2342 Utmost repeater gold filled case. Guaranteed to wear for 20 years..... **$27.50**
2340 Gun metal black open face ¼ hour repeater **$17.50**

The UTMOST repeaters are very simply constructed on the plan of regular high-grade movements. Free from all the complications usually associated with watches of this sort. Repairing can easily be accomplished by any competent watchmaker. Every part that enters into the construction of the UTMOST repeaters is finished in the best manner possible. The exposed winding wheels and all bright steel parts are burnished and highly polished. *Top plates are silvered.* Striking hammers and sound coil act perfectly, producing a silver bell sound. Free from buzzing mechanical noise.

We guarantee the timekeeping accuracy of every Utmost Repeater to be exactly the same as may be expected from any high grade watches.



2250 Illustration of 14-K. solid gold Minute repeating Chronograph, showing movement view **$95.00**

Minute Repeating Chronograph, 14-K. solid gold Hunting, plain and engine turned.

No 2250 illustrates one of the best 19 ligne solid gold 14-Karat Minute Repeating Chronographs.

The general construction is first class in every particular; full jeweled movement, finely finished throughout. Every part is highly burnished and polished. Exposed concave display winding wheels. The entire chronograph attachment is clearly exposed on the movement surface. There are no hidden or delicate parts to become dislocated. The Minute Repeating striker falls onto a coil spring, producing a clear silver bell sound. Free from all buzzing noise. Mechanically these Minute Repeating chronographs are very simple, and the most accurate service may be expected. They can be repaired by any competent watchmaker.



2351 Silver Chronograph movement view. **$15.00**
2350 Chronograph in black gun metal cases. **$12.00**

The Chronographs illustrated herewith are the nearest to mechanical perfection. Constructed to perform accurately the functions of high-grade time recorders and sporting watches. Our Chronograph attachment is simple and extremely strong in construction, resting entirely on the solid top plate. When in operation it does not in the slightest manner interfere with the timekeeping mechanism. The 30 minute register is a splendid acquisition and especially desired by doctors, autoists, etc.

We guarantee the timekeeping accuracy of these Chronographs to be exactly the same as may be expected from any high grade watches.

A LARGE VARIETY OF

Horse Timers, Split Seconds and Repeating Chronograph Watches

IS ILLUSTRATED IN

THE FIFTH EDITION OF OUR CATALOGUE

Our prices should be carefully considered before placing orders for Sporting Watches of any sort.

Write for a copy of our catalogue to-day. Use it as a guide to intelligent watch buying. It will save you money.

L. A. EPPENSTEIN & CO., 133 Wabash Ave., Chicago, Ill.

ALL QUOTATIONS SUBJECT TO 6 PER CENT. DISCOUNT ONLY

St. Louis.

James J. Burke, president of the Brooks Jewelry and Optical Co., has returned from a business trip to Chicago.

Mrs. Hailey was here last week, accompanied by her sister, purchasing holiday goods for Robert C. Hailey & Co., Jonesboro, Ark.

H. Boehmer, 1510 Cass Ave., was married yesterday at St. Michael's Catholic Church, after which a bridal breakfast was served at the home of the bride.

Goodman King, president of the Mermod, Jaccard & King Jewelry Co., is expected home this week from New York, where he has been on a business trip.

Ellsworth Bauman, of the L. Bauman Jewelry Co., has just returned from a short trip. F. J. Bross, of the same firm, departed Monday of last week for a trip through Illinois.

Among other out-of-town jewelers in this city last week were Joseph Mazer, South McAlester, Ind. T.; George E. Clark, Magee, Ark.; Capt. Klein, of Klein & Fink, Fort Smith, Ark.

Arthur Starzinger, Carbondale, Ill., has completed an eight months' course at the St. Louis Watchmaking School, and has returned to his home, where he has begun business on his own account.

H. P. Hall, Carthage, Mo., one of the richest mining towns in Southwest Missouri, was here last week buying Fall stock. He reports a good business, with excellent prospects for the future.

Harry A. McCleery, who was with the Mermod, Jaccard & King Jewelry Co. for 16 years, and last employed by that firm as joint manager of the New York branch, is now with Wilson Bryant, 400 Fifth Ave.

Benj. Barnett & Co., who recently removed from 605 Pine St. to 203 N. 6th St., are making extensive repairs and improvements to the quarters next door to their present store, preparatory to making it their permanent location.

Mr. and Mrs. Simon Van Raalte, who with a party of friends spent five months traveling abroad, landed in New York last week, and will remain there at the Hotel Imperial until Nov. 1, when they will return to their home, 4355 Washington Boulevard.

H. C. Grawe will remove some time between Nov. 1 and Nov. 15 from his present location at 411 Washington Ave. to the building formerly occupied by the Grand Leader, at Broadway and Washington Ave. Mr. Grawe will occupy one of the stores on the Broadway side.

H. R. Cox has disposed of his jewelry business at Johnson City, Ill., to G. E. Ellis, who will continue it. Mr. Cox has gone to Madisonville, Ky., where he has erected a fine new store. He was in St. Louis last week, buying an opening bill of goods, while Mr. Ellis was here replenishing the stock.

Karl T. Whitney recently purchased a diamond ring for $147 on the time-payment plan from Loftis Bros. & Co., Carleton building. The next day he returned the stone, with the statement that he had offered to pawn it, but could get only $60 on it, and he demanded the $40 cash which he had paid on the purchase. Upon the advice of counsel, Manager Williamson assumed the firm's prerogative of foreclosing the mortgage which Whitney had given, and held the ring. Upon complaint of Whitney, J. C. Morefield, a salesman, was arrested. Loftis Bros. & Co. intend to fight the case to the end. The ring, it is averred, represented good value.

Kansas City.

Sherman Swarts, formerly located on 12th St., has moved to 432 Westport Ave.

Albert Winkler, Kansas City, Kans., lost a $175 diamond stud during a recent carnival.

A. R. Bell, formerly of Los Angeles, Cal., has taken a position with the Meyer Jewelry Co.

R. L. Searfoss, of this city, has enrolled as a pupil with the Kansas City Polytechnic Institute.

H. L. Morrison, Pittsburg, Kans., has just returned from a pleasure trip to the state of Washington.

Gus. Carlson, Lindsborg, Kan., was in this city last week on a vacation trip. He will visit Excelsior Springs.

H. E. Richardson, formerly with A. Wilson, Winfield, Kans., has bought the store of F. Killgore, Caldwell, Kans.

J. R. Mercer and wife have just returned from New York, where Mr. Mercer has been doing considerable buying.

O. D. Fosburg has resigned his position with the Meyer Jewelry Co., and will hereafter be located in Warrensburg, Mo.

C. W. Struby, a graduate of the Kansas City Polytechnic Institute, has taken a position with E. E. Branch, 218 W. 12th St.

Louis Meyer, president of the Meyer Jewelry Co., left last week for a combined business and pleasure trip to Chanute, Kans.

The Green Jewelry Co. is enlarging its quarters by adding rooms to the north of the work shop. It has also increased its force of workmen.

Fred Gierke, who has been a watchmaker in the employ of the Jaccard Jewelry Corporation, has bought out the store of A. Blieden, at 204 E. 12th St.

W. H. Lynch, Fort Wayne, Ind.; E. K. Berry, Moulton, Ia., and Roy Stevenson, Oneida, Kans., have enrolled with the Kansas City Horological School.

Oscar Player, formerly a student of the Kansas City Polytechnic Institute, is back in the city again, taking a course of watchmaking in the same school.

Mrs. E. J. Eddy, Warsaw, Mo.; Mrs. Branch, of this city, and W. A. Wright, Shawnee, Okla., are new pupils at the Southwestern Optical College.

The jewelry and drug store of Luce & Weed, 22d St. and Lister Ave., was entered by burglars one night last week and jewelry valued at between $600 and $1,000 was stolen.

William S. Price, Harrisonville, Mo., for over 30 years in the employ of L. O. Kunze, a retail jeweler of that city, has at last gone into business for himself at that point.

A. J. Levin, St. Joseph, Mo., has decided to open a branch store in Kansas City. The location has not yet been definitely settled.

Mr. Haines, who has been an engraver with the Barr-DeVault Jewelry Co., has resigned to take a position with the Jaccard Jewelry Corporation.

E. R. Kryer, Fort Scott, Kans., who was in this city last week, announces that he has bought the balance of the stock of F. P. Burkholder, who has sold out on account of ill health.

T. Thompson, formerly with the Meyer Jewelry Co., of this city, but recently with George T. Brodnax, Memphis, Tenn., passed through this city last week on his way to Goldfields, Nev.

The following out-of-town jewelers, not elsewhere mentioned, called on the local jobbers last week: H. E. Turk, Ellinwood, Kans.; H. C. Hansen, St. Marys, Kans.; W. A. Wright, Shawnee, Okla.; Mr. Kunze, son of L. O. Kunze, Harrisonville, Mo.; Mr. Inglis, of Inglis & Huber, Kans.; W. G. Coplin, Paola, Kans.; W. H. Meyer, Lawson, Mo., and J. F. Burgy, Brunswick, Mo.

Omaha.

E. O. Peterson, Elgin, Neb., has added a line of drugs to the stock in his jewelry store.

The firm of Taylor & Stroebel, Waterloo, Ia., has been succeeded by Von Buhl & Taylor.

W. C. Buchta, David City, Nebr., was in this city last week, combining business and pleasure.

H. S. Knapp has re-entered the employ of the Shook Mfg. Co., and is making a western trip.

Mrs. J. H. Pratt, Fremont, was in this city last week, visiting friends and attending the Horse Show.

The wife of E. Paul Shaw, salesman for S. W. Lindsay, has returned home from a two months' visit in the east.

Walter Herbert Leach, Lincoln, Nebr., died recently. Mr. Leach was 24 years of age, and was a brother of C. A. Leach, McCook, Nebr.

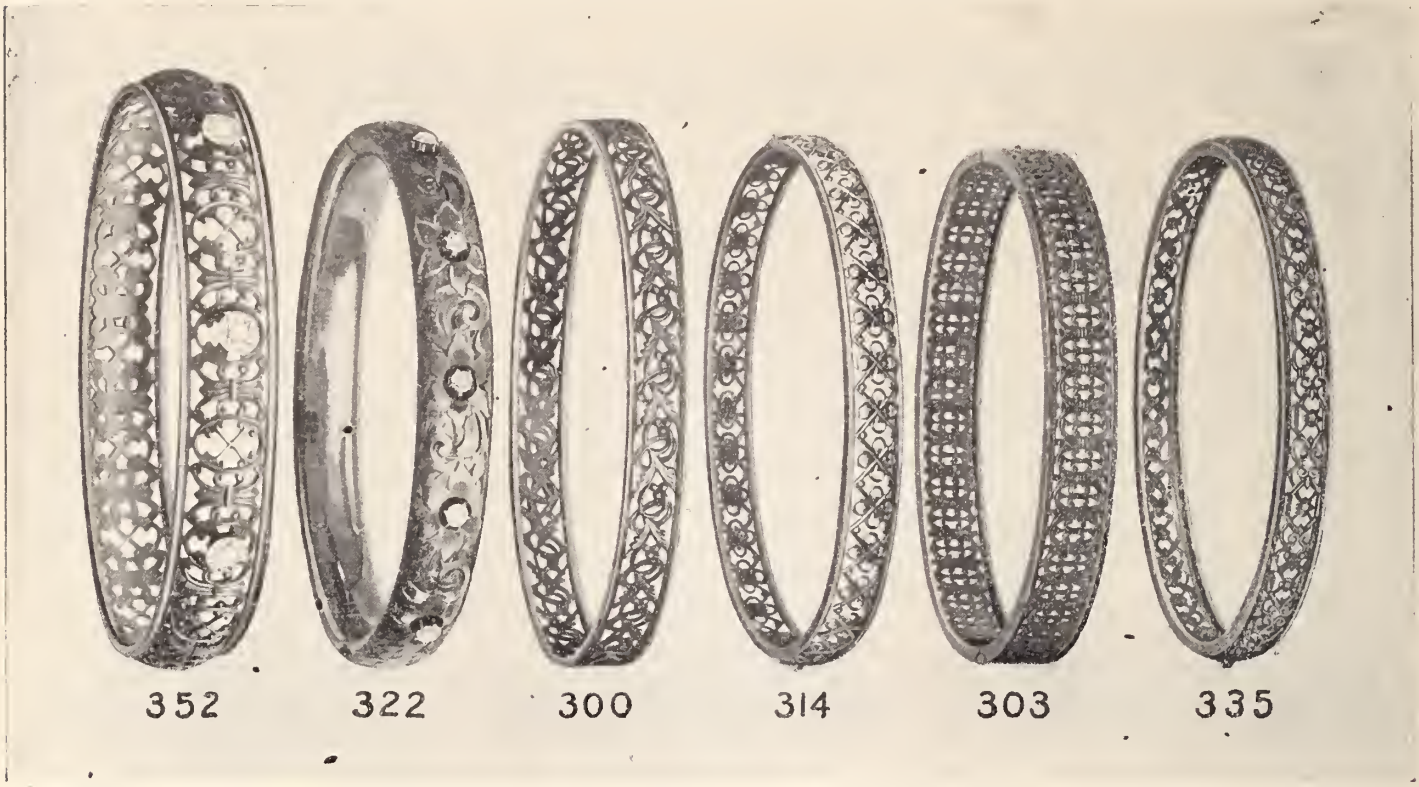
J. A. Peterson, Elkhorn, Ia., who has been confined at the hospital in this city for some time, has recovered sufficiently to enable him to return to his home.

Albert Edholm, the Mawhinney & Ryan Co., A. Mandelberg and Brown & Borsheim donated silver loving cups to the Horse Show last week. They were given as special prizes.

C. F. Steiner, formerly in business at Madison, Nebr., has sold his stock to A. C. Clange. Mr. Steiner has gone to his home in Albion, Nebr., and purchased the jewelry stock of J. E. Smith.

Out-of-town buyers in the city last week not elsewhere mentioned were: Mr. Napier, Decatur, Nebr.; Mr. Peterson, Lyons; John Crabell, Plattsmouth; A. W. Neihart, Elmwood; Mr. Whitney, Tilden; H. C. Steiner, Neuman Grove; W. C. Lee, Corning, Ia.; E. A. Shepard, Oakland, Ia.

John Schoentgen, vice-president and general manager of the Groneweg, Schoentgen Co., and at one time employed by C. B. Jacquemin, a jeweler of Council Bluffs, died recently in Rochester, Minn., after undergoing an operation for a growth in the throat. The deceased had been a resident of Omaha for 40 years. He was born in Belgium in 1848.



10K. and 14K. Bracelets, Joint and Nethersole, Produced by

THE MILLER JEWELRY CO.

Makers of High-Grade Gold Jewelry

Fifth and Elm Streets **(Lion Building)** **CINCINNATI, O.**

LOOK FORWARD

Think of the busy season just ahead.

Think of all the special orders and repair work you will have—then

REMEMBER that

THE DORST COMPANY

SPECIAL MANUFACTURING JEWELERS FOR THE RETAIL JEWELRY TRADE

are eqipped to handle just this class of work

LION BUILDING, = = = CINCINNATI, O.

San Francisco.

The charity sale of the Shreve & Co. relics was concluded last week, most of the goods having been disposed of at good prices.

E. E. Cunningham and Mr. Lundahl, of Cunningham, Lundahl & Co., are in this city from Turlock this week, buying stock for the store.

A buyer for the Powell & McKee Co. has been in this city buying stock. This company has just opened a fine new store on K St., Sacramento.

The Macey Jewelry Co., 1700 Fillmore St., has been remodeling and improving its store front. The display windows have been enlarged and improved.

A. I. Hall & Son, temporarily located in the Kamm building, are adding considerably to their equipment, having put in two new 7x12 cases to be used for the display of samples of glass and silverware, a counter cabinet for novelties and four large safes. The entire force is now working nights and Sundays, trying to keep up with orders.

On Oct. 17 a handsome and well-dressed woman stole a five-diamond bracelet, valued at $390, from the Keystone Jewelry Store. The clerks soon became aware of the theft, and a bright one of the lot set out to find the thief. He soon located her eating dinner at Tait's, the swellest cafe in town, and had her arrested. A charge of grand larceny was preferred against her, and she will be tried within a few days. This is the first robbery in the jewelry trade of the city for some time.

A handsome loving cup, turned out by Shreve & Co., was presented to Raphael Weill, of Raphael Weill & Co., a few days ago, by the women of San Francisco, in appreciation of his generous charity to the women of the city at the time of the big fire. The cup rests on an ebony pedestal and is surmounted by a phoenix, emblematic of San Francisco. The cup is elaborate in design and bears the inscription: "To Raphael Weill, from the ladies of San Francisco and vicinity, in heartfelt recognition of a loyal and faithful citizen, 1906."

The new Jewelers' Building in this city is to be put up by the Crocker Estate Co., which has already leased it to a corporation known as the Jewelers' Building Co. The stockholders of the latter company include many of the most prominent men in the jewelry trade of the city. It has a capital stock of $100,000. The Board of Directors include: R. F. Allen, A. W. Huggins, M. B. Kellogg, H. W. Morgan, B. W. Freer, A. T. Lipman, J. A. Young, A. B. Elford and Leonard Nordman. The officers are: R. F. Allen, president; A. W. Huggins, vice-president; M. B. Kellogg, secretary, and H. W. Morgan, treasurer. The building will be erected on the north side of Post St. between Kearny and Grant Ave., on a lot with a frontage of 99 feet and a depth of 137½ feet. A narrow street, known as Gardner Pl., runs back from Post St. the entire depth of the lot, so that the location is in fact a corner one. The building will be fireproof and of modern steel frame construction, known as class "A." It will have metal doors, door frames, window frames and sashes. The floor area of the entire building will be at least 200,000 square feet. Large vaults will be provided in the basement and on a number of the floors for the use of the tenants. The structure will be restricted to the use of jewelers and dealers in kindred lines, principally wholesalers, though several retailers are planning to secure space on the ground floor. No part of the building, not even the lower floor, will, under any circumstances, be let to merchants carrying inflammable goods. The contractors undertake to have the building ready for occupancy by October, 1907.

Cincinnati.

Jonas Wise, of Frohman & Co., has started on a western business trip.

William Preuser, 5 W. 7th St., has added new fixtures and made a great improvement in his store.

Edgar Fox, of Lindenberg & Fox, has been promoted from lieutenant to captain of the First Regiment of O. N. G.

The Sterling Glass Co. has commenced work on the new addition, which will be a building 50x205 feet. This the company expects will make room for 100 more glass cutters.

Oscar Keck, of the Herman Keck Mfg. Co., has returned from a trip to New York.

John A. Herschede, of the Herschede Hall Clock Co., leaves this week on his regular trip east.

J. H. Gaertz, watchmaker, who lately left Cincinnati rather suddenly, has notified his family here that being discouraged in financial affairs, he had returned to his old home in Oak Harbor, O. He has sent for his family, and will again locate in that place.

Harry Jackson, with Lindenberg, Strauss & Co., while on the rear of a street car last week, was struck on the head by some unknown object, which caused him to fall from the car. An examination disclosed a slight concussion, but it is thought that the wound will not prove fatal.

Out-of-town dealers buying stock here last week included: J. M. Neth, Eaton, O.; F. M. Shull, Mount Hope, W. Va.; T. C. Lindsey, Dayton, O.; E. B. Scott, Batavia, O.; F. J. H. Schell, Xenia, O.; W. J. Miles, Middleton, O.; E. F. Starks, Newpoint, Ind.; R. L. Marshall, Elizabethtown, Ky.; A. J. Winters, Paris, Ky.; H. A. Bedel, Jackson, O.; Fred Bentel, Hamilton, O.; Mrs. A. E. Tucker, Springfield, O.; J. G. Irwin and son, Harriman, Tenn.; S. F. Kaufman and wife, Attica, O., and J. H. Drake, Lebanon, O.

Pacific Coast Notes.

A new cut glass department is being added to the store of E. E. Wood, Modesto, Cal.

George H. Shirkey has erected a handsome street clock in front of his store at Colfax, Wash.

L. C. Swain expects to move into his new quarters in the Ludwig building, Point Richmond, Cal., about Nov. 1.

S. B. Bailey, 351 S. Broadway, Los Angeles, Cal., is renovating his store, putting in new show cases and remodeling the display windows.

H. Fredericks, of Reno, Nev., and San Francisco, Cal., has completed arrangements to build a large apartment house at Reno at a cost of $60,000.

George H. Renner, formerly of Arcata, Cal., is preparing to open a larger store at Eureka, Cal., where he has secured quarters in the Georgeson building.

E. J. Pellegrin is building a large brick addition to his store at Nogales, Ariz. The new building will be used almost exclusively as a manufacturing plant.

Thomas B. Clark, of the Thomas B Clark Co., Los Angeles, Cal., is now in the east on business and pleasure. He is expected home about Nov. 1. The concern has just completed putting in new show windows.

The store of the estate of J. D. White, Santa Cruz, Cal., will hereafter be conducted by Louis Balbach and Orrin S. Bedell, the stock, fixtures and good will having been purchased by them a few days ago. Mr. Balbach was formerly located in San José, Cal. Both of the new owners are now in San Francisco buying stock

Minneapolis and St. Paul.

John S. Allen, Minneapolis, returned home from a duck-hunting trip last week.

A. H. Schulz's Summer cottage at Lake Minnetonka, was recently destroyed by fire.

C. P. Greene, of the Minneapolis School of Watchmaking, has just returned from a trip to Chicago.

John Miller, Minneapolis, contemplates engaging in business in North Dakota.

J. L. Shallett has opened a store on Sixth Ave., N., near 6th St., Minneapolis. He was formerly in business in South Africa.

E. E. Spaulding, with the Bassett Jewelry Co., Minneapolis, has returned from an extended western trip, accompanied by his bride.

J. E. Goltra has bought the stock of the Lund Mercantile Co., Minneapolis, and will proceed to close it out, including the stock of jewelry.

Aksel Moen, watchmaker, has resigned his position with John D. Bodfors, Minneapolis, to take a position with the Reed-Bennett Co.

Mueller Bros., who have been taking a course in engraving in Minneapolis, have arranged to open a store in the Citizens' Bank building, Decorah, Ia.

The E. A. Brown Co., St. Paul, expects to be settled in its new store on 6th St., near Minnesota, just opposite its present location, after the first of the month.

Mr. Jarvis, watchmaker for the Reed-Bennett Co., Minneapolis, has resigned and moved to California, where he expects to engage in business on his own account.

The display window in the store of the R. G. Winters Jewelry Co., 608 Nicollet Ave., Minneapolis, was smashed for the second time in two months on the morning of Oct. 24. This time an officer saw the deed and managed to capture the vandal.

Among the out-of-town jewelers in the Twin Cities during the past week were: August Meisner, Eagle Bend., Minn.; M. E. Crocket, Bird Island, Minn.; J. Pfeiffer, Oakes, N. Dak.; J. Mahler, Olivia, Minn.; Mr. Lohr, Estelline, S. Dak.; John Saxine, Prescott, Wis.; Julius Anderson, Mora, Minn.; C. B. Collins, Groton, S. Dak

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ESTABLISHED 1870.

138 Wabash Avenue CHICAGO, ILL. **Watchmakers', Jewelers' and Engravers' Supplies.**

Our new 432 double-size page catalogue containing 20,000 illustrations will be sent to you gratis (prepaid) on application.

FEATURES

"Black Shield" Mainsprings are packed in the following manner:

Each spring is wrapped separately in oiled paper, and placed in an individual envelope printed with the name and size of movement for which it is intended.

Twelve envelopes, or one dozen mainsprings, are contained in a well-made strong box properly labeled.

Useless handling of the springs is avoided, thereby preventing rust or mixing of stock.

The name, "Black Shield" is scratched on every spring.

THE NEW MAINSPRING

"BLACK SHIELD" MAIN-SPRINGS

FOR ALL AMERICAN WATCHES.

The Product of the Highest Attainment in Mainspring Making

TESTS

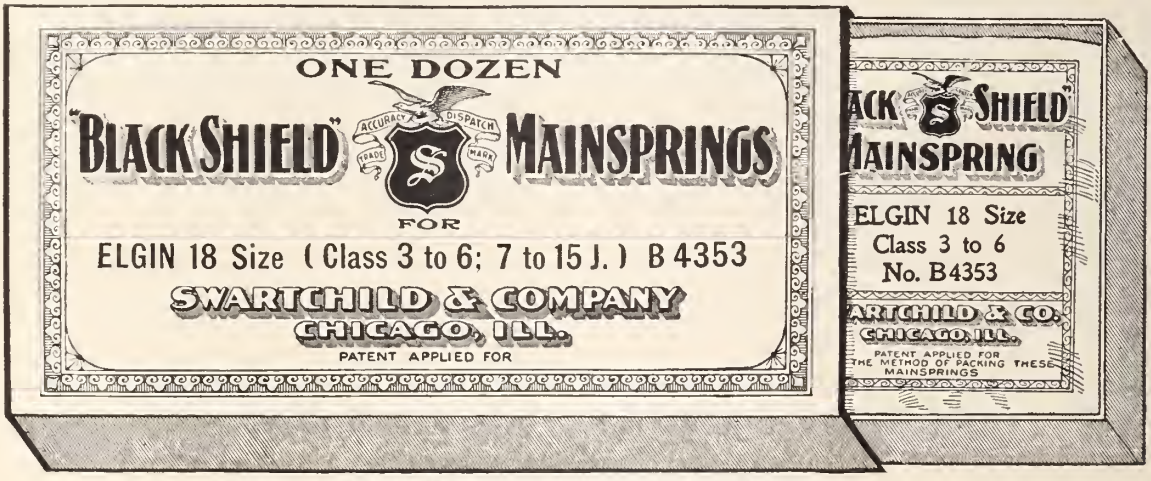
In selecting the "Black Shield" Mainsprings, we were guided not alone by our own severe tests and judgment, but we distributed samples to dozens of expert watchmakers throughout the country.

The opinion of all was that the "Black Shield" Mainsprings are the finest ever introduced in this country. That they are even, properly tempered, carefully finished, correctly gaged, and tips and length positively accurate.

They are of wine color, well polished, and will fit the respective movements without any filing or change whatsoever.

"Black Shield" Mainsprings are manufactured for us only by the oldest and most reputable maker in Switzerland

Per Dozen, $1.25 Per Gross, $13.50



Fac-Simile of Box Containing One Dozen "Black Shield" Mainsprings

"Black Shield" Mainsprings are guaranteed in every respect. No better can be had at any price

Per Gross, with 4-Drawer Cabinet (capacity, 48 dozen), $15.00

To Push Business

DURING OCTOBER

These watches displayed prominently in your window with a legitimate profit attached, will draw trade to other lines, and put renewed life and vigor into your business.

ORDER NOW

We carry everything pertaining to the Watch and Jewelry line.

WATCHES, DIAMONDS, OPTICAL GOODS, JEWELRY, ETC.

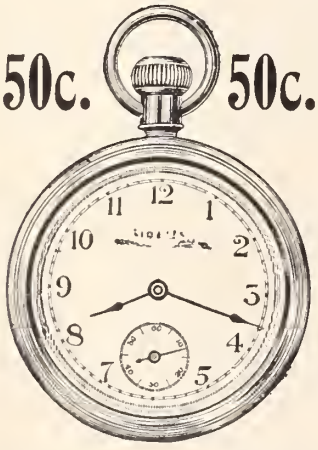
Write for our illustrated Bargain Catalogue No. 58, just off the press, mailed to the legitimate Jewelry Trade on application only.

HOLSMAN & ALTER

Wholesale Jewelers

176-178-180 E. Madison Street Chicago, Ill.

50c. 50c.

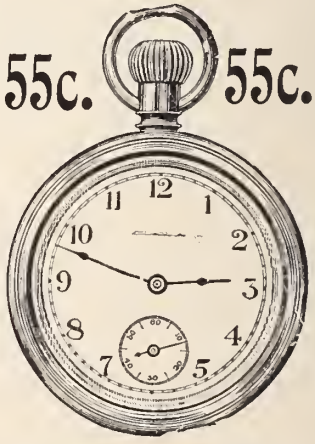


Freedom Nickel—16-size, highly polished nickel case (hinged back), fitted with our American lever escapement movement, winds and sets in the back without the use of key and is timed and tested, regulated and fully guaranteed for one year. Each.....50c
In lots of 50, each.....49½c

Freedom Oxidized—Same as above in black gun metal case, each.....55c
In lots of 50, each.....54c

Freedom Gilt—Same as above in 14k gold plated case, each.....55c
In lots of 50, each.....54c

55c. 55c.



H. & A. Special Nickel—16-size, highly polished nickel case, fitted with our American lever escapement, stem wind and pendant set movement, which is timed, tested, regulated and fully guaranteed for one year. Each ...55c
In lots of 50, each.....54½c

Nubian Oxidized—Same as above in black gun metal case, each 60c
In lots of 50, each 59c

H. & A. Special Gilt—Same as above in 14k gold plated case, each 60c
In lots of 50, each 59c

DESIGNS For Silverware, Novelties and Jewelry : : : : : : FINE ETCHING

We have just completed a number of designs for High Class Jewelry. Drop us a line and we'll call.

CHARLES M. PRIOR ("PHONE 1224 HARLEM") 1683 Madison Ave., New York

"PRACTICAL COURSE IN ADJUSTING."

PRICE $2.50.

ALL JOBBERS OR

JEWELERS' CIRCULAR PUBLISHING CO.



Making the Rockford Sell

Of course, you know all about the Rockford Watch—

No use telling you what you already know—that the Rockford is a very superior watch.

But we do want you to know that we are reaching 17,000,000 readers of the best periodical publications every month with advertisements like these.

We are telling people why the Rockford is such a reliable watch.

Why? To make it easier for you to sell them.

If a man came in to-day and asked for a Rockford Watch, could you sell him one?

If not, write us at once, because you are going to have calls for Rockford Watches—from people who will prefer a Rockford over any other watch.

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Boston.

Henry Cowan has returned from an extended western bnsiness trip.

E. A. Cowan left Boston, Saturday last, for a trip to Texas and the Pacific Coast cities.

Harry Lanlan, for 12 years in the engraving department with Bigelow, Kennard & Co., has started in business on Washington St.

Emil Schindler, who has been during the past year head clock repairer for A. Stowell & Co., has accepted a position with the Smith, Patterson Co.

Valerian Holy, watchmaker, formerly of Bromfield St., has filed a voluntary petition in bankruptcy. He owes $816 to about 50 creditors, a few of whom are secured. The nominal assets are $1,596, most of which are represented by unliquidated claims.

William A. Bates, who retired some months ago from the Ripley-Howland Mfg Co., of which he was treasurer for a number of years, will start Nov. 10 on a tour around the world. Mr. Bates is a keen student of men and affairs, who has read and traveled extensively, and his proposed trip is undertaken to supplement his acquisitions in the lines indicated

At the factory of the Waltham Watch Co. the work which has been in progress this year on extensions of the big plant is approaching completion. The addition along the Charles River frontage is nearly ready for use, and the new part to the south fronting the street, of steel frame construction, is skeletonized to its full height. When completed the facilities of the great manufactory will be increased materially.

Arthur W. Kennard, who has been associated with the house of Bigelow, Kennard & Co. for a number of years, and since the death of his uncle has been the only surviving member of the Kennard family connected with the establishment, resigned his position on Saturday last to enter the newly organized company of Hodgson, Kennard & Co., Inc., of which Edgar W. Hodgson is the senior, at 25 State St., corner of Devonshire St.

Buyers in town during the week were numerous, indicating that Fall trade with the retailers of New England is well under way, with a demand for goods that causes them to stock up in expectation of an excellent holiday trade. Among those visiting the jobbers were: J. C. Wood, Shelburne Falls; J. W. Westgate, Nantucket; M. J. Gillespie, Leominster; H. B Howland, New Bedford; Mr. Smith, of Todd & Smith, Beverly; R. C. Eldridge and C. L. Barnard, Milford; H. S. Hewitt, Brockton; B. D. Loring, Plymouth; T. R. Cushing, Rockland; E. E. Codding, Norfolk; L. R. Hapgood, Orange; E. F Welch, Westboro; I. O. Bailey, Marlboro; Galen Watson, North Scituate; Walter Peterson, Brant Rock; Thomas Margotts, Hingham; F. R. Johnson, Campello; Harvey B. Locke and S. F. Goodwin, Amesbury, Mass.; W. J. Moore, Berlin; C. L. M. Bugbee, Newport; D. E. Gordon, Hillsboro Bridge; Frederick J. Tukey, Ashland, N. H.; E. H. Young, Camden, Me.; B. O Noyes, Presque Isle, Me.; D. W. Kelley, Jr., North Troy; F. H. Bartlett, who has severed his connection with Doe Bros., Woodsville, and commenced business in Morrisville; W. L. Atkins, Poultney; A. E. Bass, Randolph, Vt.; E. C. Chagnon, Mr. Jalbert, of Jalbert & Farrington, and Arthur Beaudet, Woonsocket, R. I.

News Gleanings.

Hiram Luce, aged 67 years, a jeweler and resident of Rochester, Minn., for 48 years, was found dead in bed, Oct. 17. Two sons and two daughters survive him.

A petition in involuntary bankruptcy was filed at Toledo, O., early last week against the Pheils Universal Clock Co., Woodville. The proceedings were brought in the United States Court by John F. Wienan, Kuhlman Hardware Co., and the Woodville Savings Bank. It is said the liabilities of the concern amount to about $900.

In sentencing Ernest Wilson, who pleaded guilty to the larceny of a diamond ring from the store of L. R. Grosslight, Detroit, Mich., Wednesday, Judge Freeland condemned the practice of selling diamonds on the instalment plan to young men. The pawnbroker sold Wilson a diamond ring for $240, and allowed him to take it upon his agreeing to pay $1 a week. After paying $60 Wilson disappeared. He was released after paying a fine of $100.

The business of B. F. Phillips, Cuyahoga Falls, O., was formally transferred Oct. 23 to Hale Bros., Painesville, O. The new firm consists of Frank E. Hale, who has been in the trade for a number of years, and who was for several years with the Julius King Optical Co. and the Cowell & Hubbard Co., and William Hale, who was formerly associated with John Rich, one of the leading Lake County jewelers. Mr. Phillips, who retires from business, has conducted a store in Cuyahoga Falls for more than 14 years, and has been in the trade for more than 30 years.

Thus far no clue has been obtained to the robbers who rifled the safe in the retail jewelry store of M. Levi & Bro., 426 Light St., Baltimore, Md., a short time ago, and escaped with watches, diamonds and other jewelry valued in all at about $2,000. Among the loot are 25 gold watch cases, sizes from 0 to 18; nine gold dollars, three of which had holes in them; one diamond pin in form of a crescent, with 11 diamonds in the center; two gold Howard watch cases, size 16, engine turned, with round spot in center; one gold-lined watch, size 12, with initials "J. W. S. to S. W. J."; six or eight gold rings of heavy construction.

The store of J. M. Burke, Terre Haute, Ind., was entered by burglars one morning recently between 3 and 4 o'clock, and the following goods taken. Three "O" size gold filled cases; eight 18 and 16 size gold filled cases; two "O" size gold filled watches; gold case with diamond; split second chronograph; 18 size gold filled watch; Hamilton movement, 17 jewels; 16 size gold filled watch, South Bend movement, 17 jewels; gold brooch set with diamonds and pearls; gold rosary; two emblem pins; six gold filled lockets; medallion pin; large, old-style silver watch; two plated watch cases; two silver chatelaine watches and a black gun metal watch with moving picture in the back.

Indianapolis.

TRADE CONDITIONS.

In anticipation of a record-breaking holiday business, local merchants are stocking up and increasing their clerical forces. One merchant said recently that indications point to an unprecedented Christmas business. Crops were unusually good, he pointed out, and prosperity is being enjoyed in full measure. This will undoubtedly reflect itself, he said, in the holiday trade.

John Youngmeyer, watchmaker and optician, with Gray, Gribben & Gray, has resigned his position. A. W. Gray, of the firm, has returned with his family from a hunting trip to northern Indiana.

An itinerant jeweler, giving his name as John Jenkins, was arrested last week on a charge of grand larceny. The man would make a house-to-house canvass in the residence district seeking jewelry to repair. Several valuable articles were intrusted to him, and he disappeared. The police found him, and he was sentenced to 60 days in the workhouse.

The mail of the Sure Enough Jewelry Novelty Co., supposed to be of this city, has been held up by the local postoffice authorities. It is alleged that the concern exists in name only, and that it has fraudulently received money by advertising for addressers who were required to make a deposit of one dollar.

Staples & Mosias is the firm style of a new concern in the Postal Telegraph building, at Meridian St. and Monument Pl. Z. T. Staples and Philip Mosias are the firm members. Both were formerly with S. T. Nichols & Co. Mr. Staples came originally from Martinsville, Ind., and Mr. Mosias from Newark, N. J. The new firm is prepared to do a general optical business.

Annual prizes to be competed for under the auspices of the Young Men's Christian Association have been offered by several members of the trade. J. R. Reed contributed a silver trophy cup; Gray, Gribben & Gray, a gilt clock, and Charles B. Dyer, a watch fob.

Charles Mayer & Co. has a new auto-delivery vehicle, which is one of the largest and most powerful of its kind in the city. The firm now has three big automobiles for delivery purposes.

The approach of the Christmas season is bringing jewelers to the city in large numbers. All seem optimistic concerning business prospects. Among the out-of-town jewelers who visited the local jobbers and manufacturers last week were: I. A. Pickett, Newcastle; Aaron Pursel, Noblesville; J. Alfred Meissen, Cicero; D. S. Whittaker, Lebanon; H. Wheeler, Dana; N. W. Myer, Crawfordsville; E. O. Collins, Franklin; J. F. Harding, Brownsburg; F. Pennington, Knightstown; H. E. Kinnear, Marion; Mrs. B. Maier, Edinburg; George L. Spahr, Lebanon; H. F. Bennett, Lapel; H. A. Roberts, Veedersburg; A. R. Cooper, of A. R. Cooper & Son, Mooresville; J. W. Thompson, Danville; Miss Flora L. Dennis, Westfield; John W. Hudson, Fortville; Fred W. Green, Elwood; A. B. Westberry, Rankin, and J. H. Wetz, Sulphur Springs.

Abijah Hawkins, Noblesville, Ind., has sold out.

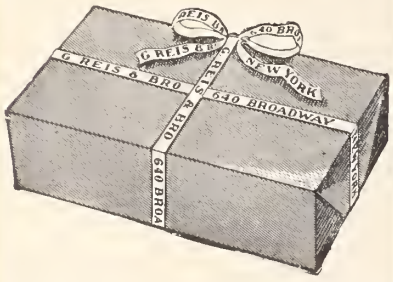
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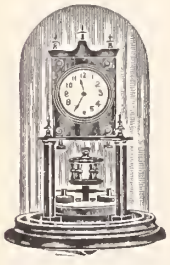
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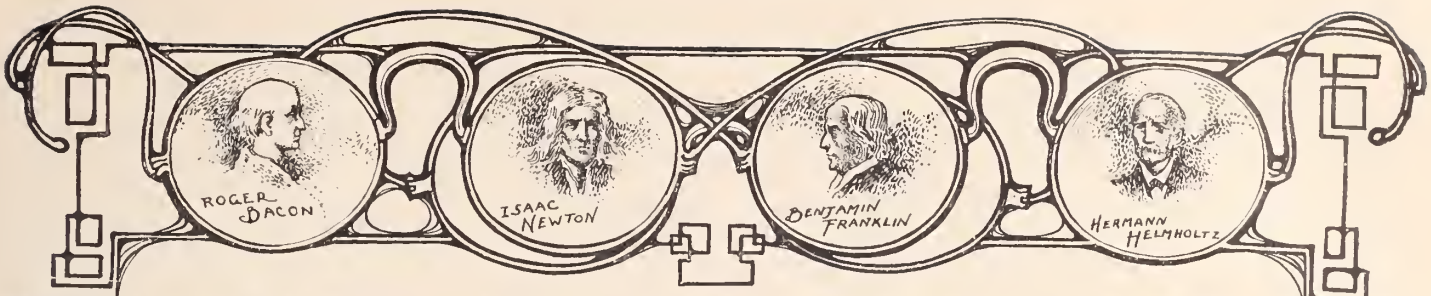
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OPTICAL DEPARTMENT

The Optometrist's Catechism.

A SERIES OF QUESTIONS AND ANSWERS ON ELEMENTARY OPTICS, IN CATECHETICAL FORM.

By E. Le Roy Ryer.

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(Continued from issue of Oct. 17.)

(Answer to Question 676 Continued.)

THUS far we have considered the actions of cylindrical lenses with their axes either vertical or horizontal, but before leaving the subject it will be well to note the manner in which objects may be still further distorted by rotating the lens so as to have its axis oblique. In Fig. 100, let A B C D represent an upright square object.

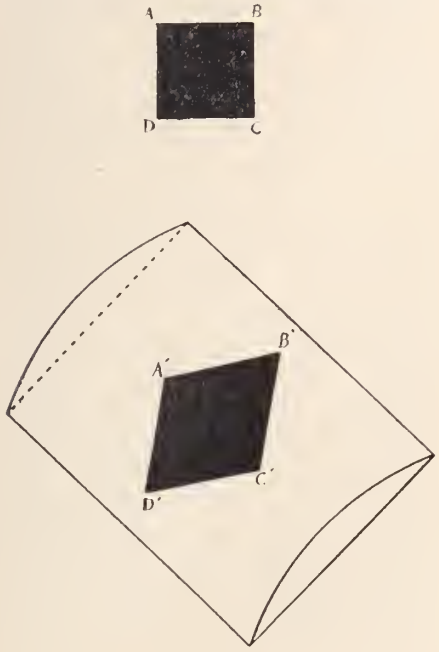


FIG. 100.

If looked at through a convex cylindrical lens, whose axis is vertical, the sides A B and D C would appear elongated, while the sides A D and B C would not be affected in length, and the angles would not be changed; that is, the new object, as seen through the lens in that position, would still have four right angles. But should the lens be rotated, so that its axis is no longer parallel with one set of sides of the square, the length of all four sides will be changed, as well as the shape of the angles. Thus, with the axis tilted to a position halfway between the vertical and horizontal, the square A B C D will appear as A′ B′ C′ D′ and the following relations between its sides and angles will exist. The axis of the lens corresponding to the diagonals A C will neither increase nor decrease the object in this meridian; therefore the distance, diagonally between A′ and C′ is exactly equal to that between A and C. The meridian of greatest power of the lens now corresponds to the diagonal D B, and therefore the object will be magnified the most in this meridian, and the distance between D′ and B′, diagonally, will be considerably greater than between D and B, and to increase the distance between D and B, as shown by D′ and B′ without changing the distance between A and C, must necessarily cause a change in the angles, and the angles at A′ and C′ will be, respectively, larger than the angles at A and C, and those at D′ and B′ will be smaller than those at D and B. Hence we may conclude that if a square be looked at through a convex cylindrical lens, whose axis corresponds to one of the diagonals of the square, the square will not be changed along this diagonal line, but will be increased along its other diagonal and will no longer possess any right angles.

Fig. 101 represents a square seen through a concave cylindrical lens held obliquely. If the axis of the lens is made to coincide with the diagonal A C, the square A B C D will no longer appear as a square, but as the parallelogram A′ B′ C′ D′. The axis falling along A C will cause no change in this meridian, and the distance between A′ and C′ will, therefore, exactly equal the distance between A and C. The meridian of greatest power falling along D B will cause a decrease in this direction, and the distance between D′ and B′ will be considerably less than between D and B, and to decrease the distance between D and B, as shown by D′ B′ without altering that between A and C must, of necessity, cause a change in the angles; the angles at A′ and C′ will be smaller than those as A and C, respectively, and those at D′ and B′ will be larger than those at D and B, respectively. Hence we may conclude that if a square be looked at through a concave cylindrical lens, whose axis corresponds to one of the square's diagonals, the square will not be changed along this diagonal line, but will be decreased along its other diagonal, and will no longer appear as a square or contain any right angles.

In the case of the convex cylindrical lens held obliquely, one diagonal is increased and the other unchanged; in that of the concave cylindrical lens one diagonal is decreased and the other unchanged. The angles lying in line with the meridian of greatest force of the convex are made acute or smaller, while with the concave the angles lying in line with the meridian of greatest power are made to appear obtuse or larger.

Should the axis be set so as not to coincide with either of the diagonals nor to be

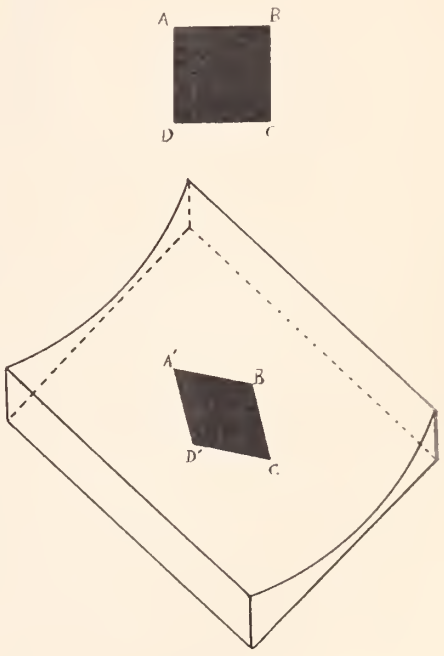


FIG. 101.

parallel with any of the sides of the square, still more complicated distortion would take place. One general rule may be applied to all cases—namely, that along the line that corresponds to the axis of the lens the object will not be changed, and at right angles to this line the greatest increase or decrease will take place, increasing with a convex cylindrical lens and decreasing with a concave.

It should be noted here that as the lens is tilted, or rather, rotated, the lines forming the sides of the square are no longer vertical and horizontal, but are all tilted either up or down to the right or left, and this feature assumes important proportions

Optical Department.

when we come to the neutralization of cylindrical lenses.

Q.—(677) What are the values of those various meridians between the two principal meridians?

A.—Thus far we have considered the axis and the meridian of greatest curvature only, the axis having no power and the meridian at right angles to it having the greatest power. As a rule, it is these two principal meridians only with which the optometrist need concern himself, yet there are times when the values of intermediate meridians are needed.

Taking an 8.00 dioptry convex-cylindrical lens as an example, as shown in Fig. 102, we can, by dividing it into cross-sections, estimate the value of any meridian. Thus, a cross-section through the vertical plane of the lens at V′ would show a section such as represented by V; both sides being parallel no refractive power could exist here, and

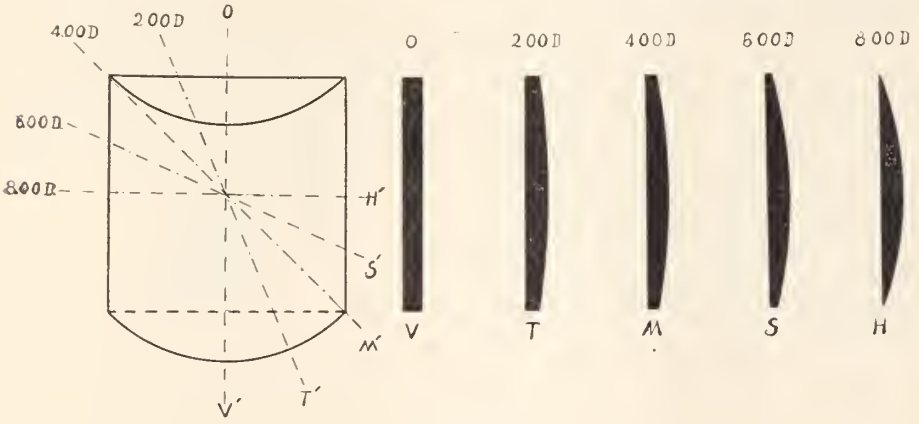


Fig. 102.

noting that the cut coincided with the axis we see that no power should exist here. Along the horizontal meridian, however, is the greatest amount of refractive power, and were a cross-section made here at H′ the section H would be obtained, one side being a plane and the other having an 8.00 curve. Half-way between these two meridians at M′ a cross-section would show as M, and this would have one plain side and one side whose curvature was only one-half as great as that of H; therefore, the power of the lens at this meridian may be assumed to be equal to half the difference between 0 and 8.00 D or 4.00 D. At T′, half-way between V′ and M′, or a quarter of the way from V′ toward H′, the curvature would be only half as great as at M′ or a quarter as great as at H′ and equal therefore to 2.00 D, as shown by T. At S′, half-way between H′ and M′, or three-quarters of the way from V′ toward H′, the curvature will be one-half again as great as at M′, or three-fourths as great as at H′ and equal therefore to 6.00 D, as shown by S. Hence we may approximate the power of any meridian in the following manner: Starting from the axis, estimate what portion of the distance between the two principal meridians is marked off by this meridian. Having this expressed in fractional form, multiply it by the power of the cylindrical lens, and the result will be the power of that meridian. For instance, suppose we want to know the power of a meridian 30° from the axis of a + 9.00 D. cylindrical lens. First we know that the distance between the two principal meridians of any cylindrical lens is 90°. The distance of the thirtieth meridian from the axis is then one-third of the entire distance; that is, 30° is one-third of 90°. The power of the 30° meridian of a + 9.00 D, cylindrical lens, is then one-third of 9.00 D. or 3.00 D. This method holds good so long as the meridian in question is at some convenient point; that is, at one-quarter, one-third, one-half, two-thirds, or three-quarters of the distance between the two principal meridians, but trouble may ensue as, for instance, in case you should be required to find the power of the 25° meridian of a + 2.00 D, cylindrical lens. The student, at this point, is only expected to be able to estimate the value of the half, third and quarter divisions, as further on a method will be given whereby any meridian can be estimated quickly, accurately and without mathematical calculation. The above method is not absolutely accurate, but can only be relied upon to give an approximation.

Q.—(678) Can a cylindrical effect be produced by a spherical lens?

A.—Yes. By tilting a spherical lens so that the incident rays of light strike it obliquely the effect of a cylindrical lens is obtained; that is, a focal line is produced instead of a focal point. This phenomenon is readily demonstrated. Take a lighted candle and a + 5.00 D. spherical lens; placing the candle 15 or 20 feet away, hold the lens so that its principal axis points directly at the light, and you can obtain a very sharp, well-defined focal point on a screen of white cardboard. Now retaining the relative position of the light, lens and screen, rotate the lens slowly on its vertical axis; that is, turn it as though it were pivoted top and bottom. You will notice that an indistinct focal line takes the place of the distinct focal point and that to bring the line into focus the screen must be moved closer to the lens. Hence we must conclude that by tilting a spherical lens the refractive power is increased in both meridians, but increased more in one meridian than in the other, thus producing a cylindrical effect. The greater increase takes place in the meridian corresponding to the axis of rotation; that is, if the top and bottom of the lens be pivoted and the right side rotated back and the left forward, the vertical meridian will be made more powerful and the focal line produced thereby will be horizontal; if the sides of the lens be pivoted or the lens tilted backward, that is, the bottom brought forward and the top pushed backward, a vertical focal line will be produced on account of the horizontal meridian, in this case the axial meridian, being made more powerful.

The focal line produced in this manner by a spherical lens is not distinct, but appears rather as a diffusion spot lengthened out in a diffusion bar a little thicker on the ends than in the middle. A clear focal line can be obtained by rotating the screen as well as the lens on parallel axes, but in an opposite direction to that of the lens; that is, tilt each, for instance, on a horizontal axis, but if the top of the lens is brought forward tilt the top of the screen backward or away from it.

This point becomes a very important factor in the application of lenses to refractive conditions, and the author has shown it to be the cause of most of the erroneous skiascopic findings. If the above suggested experiments be made it will be seen that it requires very little tilting to produce a marked cylindrical effect and, this being true, it can readily be conceived how a correcting spherical lens held obliquely before the eye by a faulty trial frame or, what is more probable, by faulty adjustment, will produce a false cylindrical (astigmatic) effect. Again, if the eyeball be so turned that the incident rays enter obliquely the consequent tilting of the crystalline lens will produce false cylindrical or astigmatic findings. This point cannot become too strongly impressed upon the optometrist's mind, and should never be lost sight of while using lenses to estimate refractive conditions.

(To be continued.)

Optical Notes and Briefs.

The Cross Optical & Jewelry Co., Chester, Pa., has just completed renovating the interior of its store on Edgmont Ave.

James Kauffman, a well-known optician of Luray, Va., died recently at the home of his father, near that place, aged 25 years. Death was due to typhoid fever.

The wholesale and optical manufacturing department of the White, Haines Optical Co., Columbus, O., will be removed, Nov. 1, from the present location to the Douglas building, on Long and High Sts., where the entire second floor has been leased. The retail department will remain where it is now located.

H. D. Martin, optician, St. Albans, Vt., has been made the defendant in a charge preferred against him of practising medicine without a license. The prosecution charges Martin with using the title "Dr." without a legal right, and also that he holds himself open for the treatment of certain maladies, the evidence of the statement being based on a newspaper advertisement published by the defendant Dec. 19 last. In his defense Mr. Martin pleaded not guilty, averring that he never administered any drugs or medicine or practiced any surgery in his work, merely fitting eyeglasses to the eyes of his customers according to the method disclosed in his advertisement.

Optical Department.

A Study of Convergence and Its Defects, Including an Analysis of 441 Cases of Exophoria.

(Extract from a paper by WENDELL REBER, M.D., Philadelphia, Pa., in the *Journal of the American Medical Association.*)

(*Continued from issue of Oct. 24.*)

OPERATION.

WHEN it comes to the question of operation in exophoria (after all the preceding measures have failed to relieve) there is the widest variation of views among the writers on this subject.

When exercise of the function of convergence has failed Landolt is devoted to advancements. In Hansell's experience advancements will often permanently cure. Savage and Thomas both indorse muscle shortening as the operation of election when other means have not relieved the patient. Posey did DeWecker's capsular advancement in 33 cases of pronounced exophoria, and states that, although after a lapse of two years there seemed but little objective gain, the improvement in the symptoms was marked and would seem to justify the operation. W. R. Parker, if "driven to operation" (and this ought to be the stand taken by every ophthalmic surgeon—he should feel driven to operation), does tenotomy or advancement according to the indications.

In the series here discussed (441 cases) operation was done seven times, and in each instance tenotomy was resorted to. In three cases the amount of exophoria operated for equaled 10 degrees, in one case 12 degrees, in one case 13 degrees, in one case 18 degrees, and in one case 20 degrees. In two cases in which both externi were equally and moderately divided at the one sitting there was subsequent homonymous diplopia for three to four weeks, especially in the temporal periphery, but this eventually left the patients with vastly more useful eyes than they had ever had before. All these seven patients were markedly helped by the operation. In each one convergence training (begun from three to seven days after operation) was relied on to finish a cure.

Theoretically, advancement is strongly indicated in exophoria, yet in the anatomic variety, with convergence decidedly insufficient and divergence more decidedly in excess, I can see no reason why tenotomy should not be done—first, because there seems no danger of nasty after-results (from five to six years after the tenotomy, such as we see in tenotomies for convergent squint); second, tenotomy is infinitely easier than advancement for these functional conditions and vastly easier of adjustment to the particular condition in each individual, whereas advancement is very much clumsier and more difficult of performance.

In spite of the feeling in some quarters that the stitch by means of which advancement is done is very simple and very easy, I feel disposed to continue doing tenotomies in the very few exophorics (slightly less than 2 per cent.) who need operative help.

CONCLUSIONS.

Finally, the following conclusions growing out of 12 years' earnest thought and work with exophoria are offered with all diffidence as to the result of that experience:

(1) Exophoria, as a symptom-producing quantity, has come to the point where it must be viewed as an atavistic phenomenon—a reversion to a lower type—a stigma of degeneration, if some one wishes to insist on it. (I do not hesitate to use the latter designation, as I am myself an exophoric.)

(2) All the advantages of binocular stereoscopic vision are conditioned on convergence only.

(3) Convergence as it is daily dealt with may be said to be composed mainly of two elements—the initial or tonic convergence and the accommodative convergence.

(4) The amplitude of convergence ought to be always calculated.

(5) The average patient has somewhere between 10 and 11 meter angles of convergence.

(6) The reserve amount of convergence ought to be about twice as great as the convergence required by the work.

(7) The cover test is the most reliable test for study of the position and behavior of the eyes when fixed on an object at 20 feet.

(8) When converted into the parallel test much added delicacy is secured.

(9) The Maddox rod and a small electric light are much superior, as a test for the muscle balance at the reading distance, to the vertical diplopia test.

(10) Nine-tenths of all cases of exophoria will be encountered in individuals over 20 years of age.

(11) The frequency of exophoria in the male and female is about equal.

(12) Exophoria for infinity generally means deficiency either in the amount of convergence or in the faculty of using it.

(13) Low degree exophorias are the most common and the most symptom producing.

(14) The average degree of exophoria is least in H + Ah conditions, rises through the M + Am conditions, and is highest in antimetropia.

(15) Exophoria assumes three principal forms, *i.e.,* (a) asthenic exophoria (convergence insufficiency), (b) anatomic exophoria (sthenic exophoria), (c) neurasthenic exophoria.

(16) About 50 per cent. of exophorias are of the sthenic or anatomic variety.

(17) The test of the muscle balance at the reading distance is no measure of the total converging power of the patient and must be supplemented by tests for the convergence near point.

(18) The prism convergence is only of relative value as a working indication.

(19) The relation of 3 to 1 as between prism convergence and divergence will not nearly hold in exophoria.

(20) The influence of hyperphoria in often reducing the power of both divergence and convergence is well known, and no case of functional divergence should be put down as a pure exophoria until hyperphoria of three-quarters of a degree or more has been excluded.

(21) In hyperexophoria the use of suitable vertical prisms, with convergence training, will frequently do away with all the patient's symptoms.

(22) The symptoms of exophoria do not differ materially from those of other forms of eyestrain.

(23) The treatment of exophoria should comprise (in the following order): (a) Right living; (b) careful refraction; (c) convergence training; (d) prisms (bases in) for infinity; (e) prisms (bases in) for the reading glasses only; (f) tenotomy or advancement.

DISCUSSION.

Dr. Edward Jackson, Denver, in the main, and particularly in his conclusions as to treatment, agreed with Dr. Reber. These conclusions, and particularly the order of importance of the different therapeutic measures, he said, ought to be impressed and taught widely, *viz.,* right living, careful refraction, convergence training, prisms, tenotomy or advancement. These are by no means of equal importance. Both in the number of cases to which it is applicable and in its importance in the cases to which it does apply the first stands far ahead. We cannot by operation and training make up for the faulty nutrition of the nervous system.

As to the amount of reserve convergence, most ophthalmologists who have carefully studied the accommodation have realized that the amount of accommodation that must be kept in reserve, for the comfort and health of the patient, varies greatly in different persons. It has seemed to Dr. Jackson that the proportion of convergence that could be used habitually varied even more widely, and in general that but a small part of the convergence should be used.

He agreed with Dr. Reber that exophoria becomes more common with increasing age, more particularly as regards near work. Inability to sustain convergence for near work he finds very common at the age of presbyopia. A great many patients are relieved quite as much by prisms, bases in, as they are by change of lens. For a good many years he has tested all refraction cases as to muscle balance with the Maddox rod test and low degrees of exophoria are extremely common. He would not say that the low degrees are so likely to produce trouble as the high degrees. If we take the total number who develop asthenopia, probably more than one-half of them have quite low degrees. But the number of people who present that amount of exophoria is so much greater than those who present the higher degrees that the low degrees are evidently less likely to cause trouble.

Dr. Alexander Duane, of New York, referred to the following points in Dr. Reber's paper: First, as to the convergence near point, he thinks the distance usually given for this (four inches from the center of rotation of the eye) is too great. In his experience for extreme convergence in normal cases the point is not more than three inches from the center of rotation of the eye, or practically two inches from the root of the nose. He determined it very simply by using a very small white-headed pin, which is carried in rapidly toward the eyes. The movement, when the convergence near point is reached, is determined (a) subjectively by the fact that the patient sees the pin double; (b) objectively by the fact that the physician can see one of the patient's eyes oscillate and diverge.

It is important in this regard to note which eye diverges. In exotropia there is often a relative convergence near point, *i. e.,* the point down to which the patient still makes the attempt to converge, although he may never actually succeed in converging on the object of fixation. It is an important matter to determine this relative near point, for a patient with a comparatively close relative near point affords a much better prognosis both for operation and for orthoptic treatment, than one who makes no attempt at convergence at all.

Second, in testing the exophoria for near he agrees with Dr. Reber that the dot and line (phorometer) test is not very satisfactory, but instead of using the Maddox rod for determining this he uses the cover test (measuring the deviation with prisms), and is sure that he gets trustworthy and precise results.

Third, he cannot agree that exophoria for infinity almost invariably means subnormal convergence. In very many cases the presence of 10, 20 or even 30 degrees of exophoria for distance is compatible with perfect converging power and normal ability to overcome prisms, base out.

Fourth, he does not feel that exophoria in anisometropia and other conditions interfering with binocular vision represents necessarily, or even frequently, a reversion to the lower type, a sort of atavistic phenomenon. His explanation is that,

Optical Department.

owing to the anisometropia, etc., the two retinal images are of different size and distinctness, and it is correspondingly difficult to fuse them. If the patient gives up the fusion effort and sees double it is for his interest to throw the images as far apart as possible, so that they shall often confuse each other less, and this he does. The often spasmodically varying character of the exophoria for distance accords with this view.

Fifth, as regards the use of prisms for constant wear, Dr. Duane is opposed to them, because, while serviceable for a time, they seem in the long run to be detrimental. The untoward efforts may not occur until after they have been worn for a year or so. Not infrequently he has had patients come to him who have worn prisms for a long time and who say that, while at first comfortable, they have later become uncomfortable, and such patients he finds are almost always helped by removing the prisms. Again, prisms, base in, he is sure tend to increase the exophoria for near as well as for distance; *i. e.*, tend to cause a true convergence insufficiency.

Sixth, Dr. Duane says that operating is a last resort, but when the indications are clear for it it does give gratifying results. His rule is: (a) With large exophoria for distance and less, or at least very little more exophoria for near, with good converging power (close convergence near point) and with eyes that can be and have been suitably trained to converge and see binocularly, he does tenotomy of one or preferably both externi. (b) With little exophoria for distance and low diverging power combined with exophoria for near and little or no converging power (remote convergence near point), he does advancement of one or both interni, with tenotomy of the externi. (c) With marked exophoria for distance and near with low or no converging power, and high converging power he does advancement of the interni.

It is understood that the operations are preceded by thorough orthoptic treatment.

Dr. Mark D. Stevenson, Akron, O., said that convergence is chiefly stimulated by the desire for a single binocular stereoscopic vision. It is this desire which creates the so-called initial or tonic convergence which is required, so that a distant object may be seen singly, and it also compels convergence in association with accommodation in seeing close objects. The eyes can usually converge for a much nearer object than they can accommodate for, and this last part of the convergence act is done solely in the interest of single vision. Accommodation and convergence are usually associated only in the central act of convergence and not in its beginning or ending. Those under the effect of a cycloplegic, the old, and some myopes having no accommodation, often have good convergence.

In testing for the muscle balance at the distance, the desire for single vision should be eliminated so far as possible, *e. g.*, by making the objects seen with each eye dissimilar, as with the Maddox roll or by displacing the images by means of prisms, so that they could not be fused. However, in testing convergence which depends primarily on the desire for single vision this desire should not be suppressed, but the amplitude of convergence, which is of chief importance, should be determined. This is easily done by first determining the negative convergence, if any, in meter angles and then the positive convergence.

The convergence near point may be found by means of a small light, but it is closer to the patient if a small white object on a black background is used, and Dr. Stevenson usually finds the convergence near point considerably closer to the patient than does Dr. Reber.

In the *Ophthalmic Record*, July, 1904, Dr. Stevenson described a simple instrument by which the muscle balance at the ordinary reading distance during accommodation for that distance can be determined in a few moments, the patient looking closely at the small figures. By this means the degree of convergence for the reading distance, stimulated only by the accommodation for that distance, may be better determined than by the Maddox rod, as it is not so easy to accommodate for a light. The patient might accommodate for the red streak of light which, seen through the rod, often appears to be at a different distance from the light, and thus over or understimulate convergence.

Dr. G. C. Savage, Nashville, directed attention to some points of vital importance. First, no test of the lateral muscles, he said, is worth anything when made under the influence of a mydriatic. The relationship between convergence and accommodation is such that if one takes away the accommodative power the converging power is disturbed, and one cannot get reliable results.

Second, judgment of verticality, horizontality and obliquity is a gift and not an acquisition. He disagreed with Dr. Reber's statement that women cannot judge this as well as men; a child can judge it as well as a man and so can a woman. A third point is this, that there is a distinct meaning when there is exophoria in the near and not in the distance, with young people, and if the physician does not understand that and prescribes full-strength convex glasses under a mydriatic he gets the patients into trouble. If a patient has exophoria in the near and not in the far, that patient has a powerful ciliary muscle, which, with a slight impulse from the brain, will focus rays of light from the page easily.

Slight excitation of the accommodative center produces a correspondingly slight excitation of the converging center, and hence the feeble convergence. Now if the ophthalmologist prescribes full-strength convex glasses for a hyperope who has exophoria in the near and not in the distance, that patient will never accept those glasses. They will cause suffering until removed. If to such a patient, with, say, diopter of hypermetropia, the physician gives a one-diopter minus lens, he stimulates the convergence center, and comfort comes to the patient.

Dr. F. S. de Lue, Boston, said that in testing his cases for errors of refraction, he examines all for external muscle insufficiencies, and is surprised at the frequency with which exophoria appears when the hyperphoria has been relieved. Generally, the balance soon becomes re-established, and these patients do not complain, or if they are disturbed, it is not for distance, as a rule, but for near work, and a prism, base in, generally for near only, used a short time, gives the needed relief.

Dr. Oscar Wilkinson, Washington, said that there is a certain class of cases in which we get the most gratifying results from the use of prisms. He does not believe in using prisms for every case of exophoria, but when a patient fails to get relief from the correction of the error of refraction and comes back with asthenopia symptoms immediate relief can often be given with 1 or 1.5 degree prisms, base in. In regard to exophoria increasing under the use of prisms, he does not believe we will, as a rule, observe any appreciable increase in the exophoria from the use of the prism if the examination is made with sufficient care in the first instance. It should be made several times under different circumstances, *i. e.*, when the patient is rested and when tired. In the treatment of exophoria an operation is indicated when all other means fail. In cases with more than 10 degrees of exophoria, tenotomy is the operation of choice; in cases with less amount the tucking or advancement operation is indicated.

Dr. Wendell Reber, Philadelphia, said that when he stated that he thought low degrees of exophoria were mostly productive of symptoms it was because they are overcome. Some patients with three degrees have more intense symptoms than those with 12 degrees. He called attention also to the fact that prisms for permanent use are not ordered for many cases. It is one of the last resorts, and he submits that prisms for constant wear may be absolutely justifiable even though the exophoria does sometimes increase. He agreed with Dr. Duane that the cover test is the most valuable for testing exophoria for distance, but does not agree that it is for the near point. He thinks the small electric light is very valuable. He said that he wished he could feel, as Dr. Stevenson does, that we do increase the power of muscles by exercise, but he does not. He thinks that we simply teach these patients to use a coördination which they already have. Frequently the exophoria decreases and the symptoms subside.

Daniel H. Strock, Hot Springs, Ark., has admitted his brother in the business as a partner, and the firm style is now Strock Bros.

Thieves, about a week ago, cut a hole in the large show window in the store of T. J. Dale, Kenosha, Wis., and stole watches and jewelry valued at about $200. At the time of the robbery, which was committed early in the evening, bright lights were burning all about the store window.

Ohio State Optical Association Working Zealously for Legislation.

SANDUSKY, O., Oct. 24.—The circular letter appended below has been sent out by Secretary E. L. Jones, of the Ohio State Optical Association to opticians throughout the State. The association was organized May 12, 1902, and is doing good work in the advancement of optometry:

"It is the desire of the Ohio Optical Association, and every optician, to see our calling placed upon a higher plane of dignity, gain public confidence and to make it worthy of the name of a profession. We need more members if we would make ourselves felt, and there is no reason why we should not have every honest and respectable optician who is practicing in the State, as it is a duty that he owes to himself for the protection and advancement of optometry.

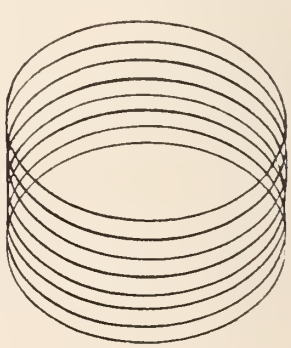
"We need legislation, a stronger organization, and that we may hold our meetings for the exchange of ideas and mutually benefit one another.

"The objects of this association are the attainment of a higher scientific and practical proficiency, the promotion of social intercourse and the advancement and protection of mutual interests. We hope you will see that it is to your interest, as much as ours, to affiliate with us, as our object is to give a better standing to opticians and to the optical profession. For, if we combine and discuss our needs, our influence will be greater as a body than as individuals. If interested in the advancement of optometry, if not a member, we ask you to fill out the enclosed application blank and mail to secretary.

"At the last meeting we added 'Physiology of Vision' to our library, making six books in the educational department. Any of these books will be loaned to a member for one month, at the expiration of which time it should be returned to the secretary: (1) 'A B C of Filling Glasses,' Allen; (2) 'Refraction of the Eye,' Hartridge; (3) 'Refraction and How to Refract,' Thorington; (4) 'Ocular Skiametry,' Cross; (5) 'Disease of the Eye,' Nettleship; (6) 'Anatomy and Physiology of the Eye,' Brown & Loethout."

An Optical Illusion.

LOOK at the cylinder formed by the rings shown in this design, and you will find it impossible to say whether you are



looking down into it from the top or up through it from the bottom.—Arthur H. Williams, 21 Shorncliffe Road, Old Kent Road, S. E., in the *Strand Magazine*.

INDEX TO ADVERTISEMENTS.

Abel Bros. & Co. ... 33
Adams & Siugleton ... 42
Aikin-Lambert Co. ... 129
Allsopp & Allsopp ... 34
Allsopp Bros. ... 31
Alsterlund, H. E., & Co. ... 45
Alvin Mfg. Co. ... Inside front cover
American Cuckoo Clock Co. ... 111
American Gem & Pearl Co. ... 70
American Platinum Works ... 130
Arch Crown Mfg. Co. ... 74
Arnstein Bros. & Co. ... Outside back cover
Austin, John, & Son ... Outside back cover
Bagg, Perine & Co. ... 66
Baker, Geo. M. ... Outside back cover
Ball, Webb C., Watch Co. ... 80
Bard, A. C., & Co. ... 56
Baschkopf, Jacob ... 68
Bassett Jewelry Co. ... 42
Bates & Bacon ... 28
Benedict Mfg. Co. ... 40
Berge, J. & H. ... 129
Bigalke & Eckert Co. ... 100
Bigney, S. O., & Co. ... 4
Billings, Chester, & Son ... 62
Bing, Ferdinand, & Co.'s Successors ... 120
Bishop, R. W. ... 131
Blackinton, R., & Co. ... 41
Blackinton, W. & S., Co. ... 8
Blancard & Co. ... 39
Bloom, I. ... 60
Boote, Edward ... 122
Borrelli & Vitelli ... 27
Bowden, J. B., & Co. ... 31
Bowler & Burdick Co. ... 90
Bradley Polytechnic Institute ... 131
Brettner, R. ... 70
Brewer, Maurice ... 64
Bruhl Bros. & Henius Co. ... Outside back cover
Buckley, Samuel, & Co. ... 40
Byron, Chas. B. ... 41
Cahoone, Geo. H., Co. ... 44
Carrington & Co. ... 32
Carter, Howe & Co. ... 33
Chatham National Bank ... 76
Chopard Frères ... 78
Cohen, Jules E. ... 70
Conley & Straight ... 38
Cooper Diamond Co. ... 62
Cooper & Forman ... 34
Cottle, S., Co. ... 36
Crohn, M. ... 114
Cross & Beguelin ... 38, 74
Crossman Co. ... 64
Crouch & Fitzgerald ... 126
Dattelbaum & Friedman ... 126
Day, Clark & Co. ... 35
Deacon, Louis J. ... 68
Dederick's, James H., Sons ... 129
Depasse Mfg. Co. ... 40
De Selms Watch School ... 118
Diamond Point Pen Co. ... 127
Didisheim, Hipp., & Bro. ... 108
Dominick & Haff ... 17
Donnelly, J. J. ... 118
Doran, Bagnall & Co. ... 44
Dorflinger, C., & Sons ... 124
Dorst & Co. ... 84
Dubois Watch Case Co. ... 114
Duffner & Kimberly Co. ... 127
Dulk, Robert ... 40
Durand & Co. ... 32
Durgin, Wm. B., Co. ... 41
Eden, C. H., Co. ... 78
Eichberg & Co. ... 68
Eisenmann Bros. ... 62
Elgin National Watch Co. ... 104
Eliassof Bros. & Co. ... 128
E. P. H. Chain Catch ... 36
Eppenstein, L. A., & Co. ... 82
Fahys, Joseph, & Co. ... 1
Fairchild & Co. ... 129
Feeley, W. J., Co. ... 43
Finberg Mfg. Co. ... 43
Forman Co. ... 129
Forsinger, J. W. ... 109
Foster, Theodore W., & Bro. Co. ... 46
Fox, Gustave, Co. ... 25
Freund, Henry, & Bro. ... 35
Friedlander, R., L. & M. ... Outside back cover
Garreaud & Griser ... 68
Gesswein, F. W., Co. ... 118
Ginnel, Henry, & Co. ... 60
Goldsmith, C. P., & Co. ... 27
Goodfriend Bros. ... 62
Gorham Co. ... 72
Griffoul, August ... 129
Guardian Trust Co. ... 76
Guerin, Wm., & Co. ... 124
Hagstoz, T. B., Ltd. ... 129
Hammel, Riglander & Co. ... 132
Hanson & Van Winkle Co. ... 131
Harris & Harrington ... Outside back cover
Hasselbring, John ... 36
Hedges, A. J., & Co. ... 32
Hedges, Wm. S., & Co. ... 64
Heintz Bros. ... 35
Heller, L., & Son ... 58
Herpers Bros. ... 118
Hirshberg, A. S. ... 68
Hodenpyl & Walker ... 58
Hoe's, James C., Sons ... 130
Holsman & Alter ... 86
Hotel Havlin ... 130
Hotel St. James ... 130
Howard's, S. E., Son & Co. ... 14
Hraba, Louis W. ... 130
Humphrey, John B., Co. ... 62
Illinois Watch Co. ... 9
Ingersoll, R. H., & Bro. ... 114
International Gem Co. ... 66
International Silver Co. ... 18, 61
Jacot Music Box Co. ... 128
Jeandheur, F., Jr. ... 129
Jeanne, Frederick A. ... 64
Jewelers' League ... 37
Johnston, W. J., Co. ... 10, 11
Juergens & Andersen Co. ... 80
Juergensen, Jules ... 108
Kahn, L. & M., & Co. ... Outside back cover
Kaufman, Louis, & Co. ... 50
Keck, Herman, Mfg. Co. ... 80
Keller Jewelry Mfg. Co. ... 12
Kent & Woodland ... 26
Keppler, George ... 118
Ketcham & McDougall ... 118
Kohlbusch, Herman, Sr. ... 129
Kohn, Alois, & Co. ... 30
Kohn & Co. ... 39
Koshland & Italie Co. ... 100
Krower, Leonard ... 30
Lackner & Ohl ... 37
Landis, M. L. ... 114
Langendorf Watch Co. ... 108
Larter & Sons ... 48
Lederer, S. & B., Co. ... 43, 44
Leimann Bros. ... 130
Lelong, L., & Bro. ... Outside back cover
Leon Watch Case Co. ... 110
Levy, Chas. M. ... 36
Levy, L. W., & Co. ... 124
Levy, Robt. ... 22
Lewy & Cohen ... 128
Lisner, D., & Co. ... 25
Lissauer & Co. ... 68
Loeb, Wm., & Co. ... 43
Lorsch, Albert, & Co. ... Outside back cover
Loth, Joseph, & Co. ... 42
Lowe, Edwin, & Co., Inc. ... 131
Luthy & Hine ... 35
Lyons Gem Co. ... 58
Maebert & Reiss ... 112
Maple City Glass Co. ... 124
Market & Fulton National Bank ... 76
Martin, S. ... 118
Mercantile National Bank ... 77
Meyerowitz Bros. ... 70
Miller, Fuller & Whiting ... 42
Miller Jewelry Co. ... 84
Monroe, R. G., & Co. ... 66
Moore & Sons ... 30
Morgan, John, & Sons ... 126
Mount & Woodhull ... 66
Murray, Dan I. ... 114
Myers, S. F., Co. ... 112
Nassau Bank ... 70
Nebeling, Edmund R. ... 60
Netschert, Frank, Co. ... 45
Newburgh, R. ... 108
Nissen, Ludwig, & Co. ... 66
Noel, Rudolph, & Co. ... 80
Noterman, Jos., & Co. ... 56
Ohan, G. ... 112
Oliver Typewriter Co. ... 126
Omega Watches ... 109
Oneida Community, Ltd. ... 20, 21
Oppenheimer Bros. & Veith ... 56
Oppenheimer, H. E., & Co. ... 56
Oriental Bank ... 76
Oskamp-Nolting & Co. ... 124
Osmun-Parker Mfg. Co. ... 33
Ostby & Barton Co. ... 31
Parks Bros. & Rogers ... 24
Parountaud & Watson ... 122
Patek, Philippe & Co. ... 108
Percival, D. C., & Co. ... 88
Philadelphia Watch Case Co. ... 106
Pitcairn, W. S. ... 124
Potter & Buffinton Co. ... 39
Pouyat China ... 122
Power, Chas. L., & Co. ... 64
Price, Cyrus, & Co. ... 58
Prior, Charles M. ... 86
Pryibil, P. ... 130
Pryor Novelty Co. ... 26
Racine, Jules ... 100
Reichhelm, E. P., & Co. ... 118
Renziehausen, W. F., Co. ... 129
Revell, A. H., & Co. ... Outside back cover
Richardson, Enos, & Co. ... 33
Ries & Armstrong ... 112
Ries, G., & Bro. ... 90
Riviere Brass & Bronze Works ... 126
Rockford Watch Co. ... 87
Roger Williams Silver Co. ... 36
Rogers & Bro. ... 71
Rohrbeck, John E. ... 40
Roseman, A. ... 58
Rothschild Bros. & Co. ... 37
Roy Watch Case Co. ... 111
Rudlen, J. W., & Co. ... 112
Rudolph & Snedeker ... 108
Rumpp, C. F., & Sons ... 128
Saart, W. H., Co. ... 44
Saunders, Maurer & Co. ... 64
Scharling & Co. ... 40
Schiff, M. ... 30
Scofield & De Wyngaert ... 34
Sessions Clock Co. ... 140
Shafer & Douglas ... 30
Simmons, R. F., Co. ... 23
Smith, Alfred H., & Co. ... 82
Smith, Frank W., Co. ... 19
Smith, Wm., & Co. ... 40
Snow & Westcott ... 32
Sohn & Hyman ... 66
Solidarity Watch Case Co. ... 38
Spencer, E. L., Co. ... 42
Stauinger, E. E. ... 34
Star Watch Case Co. ... 13
State Bank ... 76
Steiner, Louis ... 126
Stern Bros. & Co. ... 68, inside back cover
Sternau, S., & Co. ... 24
St. Louis Watchmaking School ... 112
Strauss, Ignaz, & Co. ... 127, Outside back cover
Street, Geo. O., & Sons ... 32
Sussfeld, Lorsch & Co. ... 112
Swartchild & Co. ... 86
Tannenbaum, L., & Co. ... 60, 68
Tavannes Watch Co. ... 98
Thomas, Seth, Clock Co. ... 113
Tilden-Thurber Co. ... 29
Trenton Watch Co. ... 110
Trout, Chas. L., & Co. ... 32
Van Dam, Eduard ... 54
Van Pelt, T. B. ... 131
Wadsworth Watch Case Co. ... 6, 7
Wagner Mfg. Co. ... 38
Waite-Thresher Co. ... 45
Waltham Watch Co. ... 102
Washburn, C. Irving ... 98
Weizenegger Bros. ... 34
Wells, Chester H. ... 38
Wendell & Co. ... 5
Western Clock Mfg. Co. ... 110
Wheeler, Hayden W., & Co. ... 56
Whiting & Davis ... 28
Whiting Mfg. Co. ... 15
Wightman & Hough Co. ... 43
Witsenhausen, L. ... 37
Wittnauer, A., Co. ... 111
Wodiska, Julius ... 90
Wolcott Mfg. Co. ... 29
Wolfsheim & Sachs ... 132
Wood, C. F., & Co. ... Outside back cover
Wood, J. R., & Sons ... 2, 3
Woodside Sterling Co. ... 16

Special Notices.

Situations Wanted.

YOUNG MAN, with experience in the jewelry line, desires to make a change. Address "R. T., 8188," care Jewelers' Circular-Weekly.

SITUATION WANTED, good watchmaker and plain engraver; good reference. Address "A. R.," Jeweler, 95 Appleton St., Boston, Mass.

YOUNG MAN, 22, with slight knowledge of jewelry and bookkeeping, wishes position. Address "M., 8157," care Jewelers' Circular-Weekly.

YOUNG LADY desires a position in office with a manufacturing jeweler; experienced; good reference. M. Schweitzer, 353 E. 85th St., New York.

WANTED, position as watch and clock repairer in jewelry store; will assist as salesman; own tools. Address "V. E., 8168," care Jewelers' Circular-Weekly.

EXPERT LAPPER desires position; well up in all kinds of work in general; confident of giving satisfaction. A. Newez, 160 Nursery Ave., Geneva, N. Y.

TRAVELING SALESMAN with highest references, is open for position; 20 years' experience in south and far west. "H. S.," 98 Columbus Ave., New York.

GOOD monogram and letter engraver, who has been engraving for the trade, wants permanent position; samples and reference. "T., 8124," care Jewelers' Circular-Weekly.

MIDDLE WEST traveling salesman desires to make change by Jan. 1, and who can show good results with first class house. Address "C. M., 8176," care Jewelers' Circular-Weekly.

YOUNG MAN desires a position with a wholesale jewelry house; have 11 years' experience; can furnish best of refcrences. Address "L. M., 8173," care Jewelers' Circular-Weekly.

YOUNG MAN, now employed in office of a large manufacturing concern, desires to make a change; three years' experience as city salesman. Address "N., 8187," care Jewelers' Circular-Weekly.

YOUNG MAN, thoroughly acquainted with jobbing jewelry trade in New York City and vicinity, wishes to represent manufacturing house. "R., 8065," care Jewelers' Circular-Weekly.

FIRST CLASS manufacturing jeweler, of business ability, wishes position as foreman or assistant foreman of factory; references. Address "Ability, 7840," care Jewelers' Circular-Weekly.

TRAVELING MAN with established trade in the jewelry line throughout the south and Pacific coast, contemplates a change for Jan. 1. Address "H. S.," 305 Ocean Parkway, Brooklyn, N. Y.

POSITION WANTED by Nov. 15 or 20; first class watchmaker, first class optician; first class references; 15 years' experience; south preferred. "H., 8140," care Jewelers' Circular-Weekly.

DESIGNER and modeler, first class on sterling hollow ware and novelties, also other metals; artistic and practical; desires engagement. Address "Competent, 8195," care Jewelers' Circular-Weekly.

YOUNG MAN (24), seven years' experience as general office man with importer of diamonds and diamond jewelry house, would like to make a change. "J. F.," care Weber, 41 Maiden Lane, New York.

ENGRAVER, young man, desires permanent position to finish trade; good letterer on gold and silverware; south preferred; samples on request; A1 reference. "P., 8167," care Jewelers' Circular-Weekly.

YOUNG MAN, 18 years of age, two years' experience in jewelry and diamond trade, would like position in office or act as salesman; A1 reference. Address "G., 8109," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, with highest reference, is open for position in first class retail house as salesman, for the holiday trade from Nov. 1 until Christmas week. "G., 8175," care Jewelers' Circular-Weekly.

WANTED, immediately, for engagement, line of jewelry, rings or any desirable line, to take up New York and Pennsylvania States; commission or salary; best reference. Address "Haste, 8177," care Jewelers' Circular-Weekly.

A PERMANENT connection with a good house is desired by an experienced, successful salesman; now or Jan. 1; unquestionable credentials; now engaged, but want to change; silverware or kindred lines. "Modern, 8184," care Jewelers' Circular-Weekly.

POSITION as foreman or assistant foreman; thoroughly understand the making of all kinds of jewelry, badges, class pins, special work, repairing of all kinds and estimating. "Practical, 8135," care Jewelers' Circular-Weekly.

EXPERIENCED salesman desires to connect with first class house, for New York, Boston, Philadelphia, Washington and Baltimore; sterling silver line preferred. Address "A., 7995," care Jewelers' Circular-Weekly.

JEWELRY SALESMAN, 39 years old, good appearance; married; thoroughly acquainted with the jewelry jobbing and department store trades; open for engagement about Dec. 1. "Box 8141," care Jewelers' Circular-Weekly.

POSITION wanted by a young man; experienced general letter and monogram engraver and salesman; the position must be permanent throughout the year. Address "A.," care L. B. Vanderslice, 1205 Franklin St., Tampa, Fla.

FIRST CLASS saleslady, employed for past five years in retail jewelry line, desires position with wholesale house; understands business thoroughly; also knowledge of bookkeeping; first class reference. Address "K., 7936," care Jewelers' Circular-Weekly.

WATCHMAKER, jeweler, engraver; age 29, single; 11 years' experience; competent on railroad work; have all tools; some knowledge of optics; speak German and English; good salesman; no bad habits; reference. "Watchmaker," 831 21st St., Rock Island, Ill.

TRAVELING SALESMAN wishes to make change Jan. 1, or earlier; thoroughly understands both jewelry and silverware lines; manufacturers' line preferred; is a capable and hard worker; correspondence invited. "X. Y. Z., 8171," care Jewelers' Circular-Weekly.

SALESMAN of experience, well acquainted with jobbing trade, also department stores in Chicago and the west, wishes to communicate with a manufacturer desiring to place line on commission; A1 references. Address "Box, 8090," care Jewelers' Circular-Weekly.

OPTICIAN, thoroughly experienced, good address and A1 references, would like to take charge of optical department in well established jewelry store; can furnish all modern instruments and guarantee satisfaction. Address "Competent, 8126," care Jewelers' Circular-Weekly.

A SALESMAN, who has made some of the largest individual precious stone sales in this country, wants a permanent position with an A1 house; present position not satisfactory; can give gilt edge references; capable of managing a concern of any size. "H., 8136," care Jewelers' Circular-Weekly.

POSITION WANTED by a graduate and fully qualified optician; also an able jewelry salesman; full equipment of optical instruments, including ophthalmometer; 10 years of practical, common sense business experience; open for engagement Jan. 1. Address "Optician," care I. Brush, 207 State St., Bridgeport, Conn.

SALESMAN, thoroughly acquainted with trade in Philadelphia, Baltimore, Washington and south, wishes position; highest references. Address, "O., 8180," care Jewelers' Circular-Weekly.

TRAVELING SALESMAN, experienced, well acquainted, good personality, highest references, is open for engagement Jan. 1; diamond or manufacturing line preferred. Address, "F., 8179," care Jewelers' Circular-Weekly.

Miscellaneous.

JEWELRY NOVELTIES WANTED; we want reliable novelties for premiums which we give to dealers (not consumers), who buy from us; articles that sell from $2 to $10 preferable; we use large quantities during the year; call or write; ask for Ballou. Ballou-Dickson Co., Wall Paper Dealers, 18-20-22 West 18th St., New York.

Help Wanted.

WATCHMAKER wanted. Apply F. V. Lindon, 62 Bond St., Brooklyn, N. Y.

WATCH, clock and jewelry repairer; state age, reference, salary, etc. M. A. Selbert, Frankfort, Ky.

WATCHMAKER and optician; permanent position. G. W. Meyer Jewelry Co., Chattanooga, Tenn.

WANTED, at once, a good clock repairer. Address Daniel Pratt's Son, 53 Franklin St., Boston, Mass.

WANTED, young lady engraver, jeweler and saleslady; permanent position. Aug. E. Seebold, Whiting, Ind.

WANTED, first class watchmaker and engraver; permanent position to good man. Lachicotte & Co., Columbia, S. C.

FIRST CLASS engraver, also capable of assisting on jewelry work. Chas. N. Hancher, 1211 Market St., Wheeling, W. Va.

WANTED, one watchmaker and engraver and one manufacturing jeweler. P. C. Pulse & Co., 1150 Washington St., Oakland, Cal.

WANTED, a good watch repairer; one who is used to high grade Swiss watches; good wages to right man. Sylvan Bros., Columbia, S. C.

WANTED, at once, young man to do clock and jewelry repairing; good position; very pleasant. A. C. Taylor & Son, Cedar Rapids, Ia.

FIRST CLASS watchmaker, engraver and all around man; address with full particulars and references. L. B. Moore, Denison, Tex.

WATCHMAKER and engraver, or good, all around man; must have best references; wages, $15 to $18. W. B. Fisher, Mt. Kisco, N. Y.

WANTED, experienced jewelry and silverware salesman; state salary and experience. Address "D., 8038," care Jewelers' Circular-Weekly.

WANTED, designer, experienced on fine diamond work; uptown house in New York City. Address "M. T., 8181," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, watchmaker and engraver; state wages expected and references. Address "A. B., 7532," care Jewelers' Circular-Weekly.

WANTED, at once, first class watchmaker and engraver; permanent position; send samples of engraving. Wetteroth Jewelry Co., St. Joseph, Mo.

WANTED, first class stone setter; must have best of references. Make application to Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, assistant engraver; one who can help out on clocks preferred; permanent position; good wages. Henry Kohn & Sons, Hartford, Conn.

WANTED, at once, first class watchmaker and engraver; permanent position; state salary expected and give references. Stetson & Crouse, Syracuse, N. Y.

WANTED, a watchmaker and engraver; steady position at good salary to the right man. Address I. M. Peckens, 210 S. 6th St., Springfield, Ill.

WANTED, at once, good watchmaker and engraver; give references, sample engraving and ability in first letter. Philleo & Nutting, Oelwein, Ia.

$25 A WEEK for a first class jeweler and engraver, in a large city in Texas; permanent position. Address "S., 8127," care Jewelers' Circular-Weekly.

WANTED, first class watchmaker; Scandinavian preferred; good wages and permanent position to right man. O. H. Arosin, 187 E. 7th St., St. Paul, Minn.

WANTED, young man; steady position as second man; must be engraver and understand optics; must furnish best references. Lincoln H. Hall, Trinidad, Colo.

WANTED, first class jeweler; $25 per week; steady work and permanent position to right party. Address Bluff City Supply Co., 137 N. Main St., Memphis, Tenn.

MANUFACTURING jeweler desires salesman or jeweler of experience, with some capital, to start manufacturing. "Factory, 8145," care Jewelers' Circular-Weekly.

WANTED, at once, first class watchmaker and salesman; permanent, pleasant position in fine store. Address "N. C., 8144," care Jewelers' Circular-Weekly.

WANTED, AT ONCE, engraver who can assist on watch and clock work; give reference and wages expected. "H. D., 7531," care Jewelers' Circular-Weekly.

WANTED, three experienced salesmen; good salaries and permanent positions to the right men. Address Margolis & Metzger, 1007 Main St., Kansas City, Mo.

WANTED, competent young lady engraver and saleslady; steady and pleasant position for a lady who is well recommended. Address "Jeweler," Box 466, Troy, Ala.

WANTED, extra engraver, from Nov. 15 to Feb. 1; special salary to right man; transportation paid; references required. Geo. T. Brodnax, Inc., Memphis, Tenn.

AT ONCE, a first class engraver and jeweler; one who can assist on watch repairing preferred; state experience and salary wanted. C. S. Sherwood, Portsmouth, Va.

JEWELER: a young man, with five to six years' experience, for repairing and new work in retail store; permanent position. Address E. J. Scheer & Co., Rochester, N. Y.

WANTED, in southern city of 65,000, fine engraver and jeweler; $20 to $25 per week; references and samples required. "F., 8182," care Jewelers' Circular-Weekly.

WANTED, at once, a thoroughly good jewelry repairer; swift and accustomed to fine work; steady position to the right man. Parker & Van Cleve, Morristown, N. J.

WANTED, jeweler; experienced man, on cluster and special work; must be able to set own work; steady work; good wages. Scribner & Loehr Co., 2047 E. 9th St., Cleveland, O.

WANTED, watchmaker and jeweler, or jeweler and engraver, who wishes a position in south during the Winter; address, stating qualifications. V. E. Jacobs Co., Jacksonville, Fla.

WATCHMAKER, engraver, optician; bench in front window; no clock work; town of 4,000; work easy; no better place to live; $20 per week. "M., 8130," care Jewelers' Circular-Weekly.

A YOUNG MAN, with best references and good address, wanted as salesman of jewelry; good position for the right man. William Wise & Son, Flathush Ave. and Fulton St., Brooklyn, N. Y.

WANTED, first class watchmaker and engraver; salary, $25 a week; permanent position; send samples of engraving and copy of reference in first letter. Address I. Levinski, Waco, Tex.

WANTED, a good jeweler and engraver; steady position and good wages to the right party; send references and salary expected in the first letter. G. A. Hauserman, 214 Main St., Paterson, N. J.

WANTED, jewelers for repairing and new work; only such with experience and first class references are requested to make application. Carl Entenmann, 217½ S. Spring St., Los Angeles, Cal.

WANTED, a first class watchmaker and engraver; steady position and good wages to right party; send references and state salary expected in first letter. Hauserman's, 214 Main St., Paterson, N. J.

WANTED, young man as engraver and assistant watchmaker; permanent position guaranteed; state reference and salary in first letter. Address "D. H. G., 7533," care Jewelers' Circular-Weekly.

WANTED, first class traveling salesman, to sell watches and loose diamonds throughout the south and west; state experience and salary wanted. Address "K., 8039," care Jewelers' Circular-Weekly.

WANTED, a good jewelry salesman; one who worked in white stone jewelry store preferred; not for a holiday position, but permanent to the right man. Keystone Jewelry Co., 908 Liberty Ave., Pittsburg, Pa.

WATCHMAKER wanted, to work in front of store; chance to improve on fine work and adjusting, under expert watchmaker; permanent position to willing workman. 962 Amsterdam Ave., near 107th St., New York.

AT ONCE, first class watchmaker and engraver, able to do some jewelry repairing; own tools; $20 to $25 per week; permanent position; sample engraving in first letter. R. L. Kennedy, care Thoma Bros., Cincinnati, O.

SALESMAN; experienced diamond salesman; must have positive knowledge of precious stones and experience in handling loose goods; state full particulars in applying. "New York Retailer, 8119," care Jewelers' Circular-Weekly.

WANTED, first class jeweler and engraver on new and repair work; salary, $25 a week; large city in Texas; send samples of engraving and copy of reference in first letter. Address "T., 7802," care Jewelers' Circular-Weekly.

WANTED, salesman, resident of Philadelphia; salesman to drum Philadelphia and Pennsylvania; only those having trade need answer; state salary and reference. Address "K. R., 8158," care Jewelers' Circular-Weekly.

WANTED, a first class engraver and optician; must have the best of references; good salary and permanent situation for the right man; give full particulars in your letter. Address "S. B. S., 7885," care Jewelers' Circular-Weekly.

TRAVELER wanted, January next, with a knowledge of New York, Philadelphia and Boston trade; chance to become interested in the house if satisfactory; state salary. Address "Traveler, 8194," care Jewelers' Circular-Weekly.

WANTED, at once, a young man for clock and jewelry repairing, and wait on trade; prefer one who can do some engraving; position permanent to competent man; address with particulars. "Want, 8049," care Jewelers' Circular-Weekly.

WANTED, first class jeweler and engraver, at once; permanent position and good wages. Chas. F. Sentz, Columbia, S. C.

WANTED, at once, a first class watchmaker; a man capable of waiting on trade; one who does stone setting; steady position to the right man; good wages; must have the highest references. Address "H. G. S., 7901," care Jewelers' Circular-Weekly.

WANTED, at once, young man, with two or three years' experience on watch work; a good chance to finish under first class workman; must be of good habits and come well recommended; good wages to start. Address W. T. Newton, 313 Gay St., Knoxville, Tenn.

WANTED, at once, first class monogram and letter engraver; one who can also assist at watch repairing; salary to start, $22 per week; permanent position; send reference and sample of engraving with first letter. W. F. Fisher & Bro. Co., Jewelers, Chattanooga, Tenn.

WANTED, for next January, an experienced salesman with established trade to cover the south. Adolph Goldsmith & Son, 68 Nassau St., New York, N. Y.

A WHOLESALE watch and jewelry house desires a young man, as salesman for southern territory, after Jan. 1; give particulars, etc. "B., 8192," care Jewelers' Circular-Weekly.

WANTED, for January 1st engagement, an experienced salesman with established trade, to represent us in Ohio and Indiana. Ritter, Kahn & Co., 1014 Arch St., Philadelphia, Pa.

WANTED, for January 1st engagement, an experienced salesman with established trade, to represent us in Pennsylvania. Ritter, Kahn & Co., 1014 Arch St., Philadelphia, Pa.

WANTED, two reliable and capable men, watchmaker and optician, engraver and jeweler, or any combination of above; good salaries to good men; permanent; old house; new store; comfortable shop; write fully of ability, references and salary expected. The S. T. Little Jewelry Co., Cumberland, Md.

WANTED, foreman; an established up-to-date jewelry factory has an opening, beginning in 1907, for a thoroughly up-to-date foreman; for the right man there are prospects of an interest in the business; must be competent to take full charge and produce results. Address "K., 8185," care Jewelers' Circular-Weekly.

TWO good watchmakers, who can engrave; permanent positions; good salaries; send samples of engraving and references in first letter; San Bernardino is situated in one of the most beautiful valleys in California; climate the finest in the world; population, 15,000. Manson & Bay, 310 E St., San Bernardino, Cal.

WANTED, two watch salesmen who know the trade; state territory traveled and references; splendid opportunity for those who can make good; only high class men with experience need apply. "W. C. A., 8164," care Jewelers' Circular-Weekly.

WANTED, salesman of ability, acquainted with jobbing and department store trade in New York and middle west, for gold, silver and plated line, by a well known manufacturer; right salary to the right man; correspondence strictly confidential. Address. "E., 8147," care Jewelers' Circular-Weekly.

ASSISTANT watchmaker; city of 10,000; store closes at 6 o'clock; permanent position for honest acting man; salary $18 per week; immediate employment. Ferguson & Craig, Champaign, Ill.

AN EXPERIENCED traveler, for an excellent line, consisting of watches, diamonds and jewelry; good references and character principal object. Apply to Leonard Krower, 536-538 Canal St., New Orleans, La.

PARTNER WANTED, by jobber, in watches and jewelry; applicant must have established trade in New York City and nearby towns; prefer experience to capital. "Hustler, 8073," care Jewelers' Circular-Weekly.

WANTED, at once or Jan. 1, two road salesmen who can sell $40,000 and upward a year; write full particulars, amount of sales and territory traveled; to represent one of the largest jobbing houses in New York City; the largest and best line on the road; no watches; we want men who can earn a salary of $3,000 and upward. Address "Chance, 7655," care Jewelers' Circular-Weekly.

WANTED, experienced salesman, with established trade in the larger cities, for fine line of 14K. jewelry; exceptional opportunity for man who can show results. "Manufacturer, 8131," care Jewelers' Circular-Weekly.

TRAVELER WANTED; first class traveler for Texas, Louisiana, Oklahoma and Indian Territory, to sell solid gold, gold filled and diamond set jewelry; for engagement Jan. 1st next. Chas. L. Trout & Co., 15 Maiden Lane, New York.

WANTED, a traveling salesman, for New York City and suburbs, to sell a general line of watches, diamonds and jewelry; state experience and references; all correspondence strictly confidential. "Jobbers, 8074," care Jewelers' Circular-Weekly.

WANTED, January 1, 1907, salesman for New York City and nearby towns, who is familiar with diamonds, watches and jewelry and acquainted with the retail trade; good position; trade established; can be increased. Address, P. O. Box 881, New York.

WANTED, for next January, an experienced traveling salesman, with established trade, in Pennsylvania, Ohio and Michigan, to sell American watches and diamonds; all correspondence will be confidential. Smith & North, 14 Maiden Lane, New York.

WANTED, immediately, first class letter and monogram engraver, watchmaker and all around man in one of best retail stores in Massachusetts, permanent position for good man; $20 to start, with increase if worthy; send sample of engraving and reference at once. F. S. Thompson, Gloucester, Mass.

Business Opportunities.

MUST be sold at once; $1,000 will buy paying jewelry business in town of 1,600; healthy place. Address "X., 8121," care Jewelers' Circular Weekly.

$450 BUYS jewelry store, if taken before Nov. 15; New York State town of 6,000; one other stock in town. Address "Jeweler, 8162," care Jewelers' Circular-Weekly.

AT 50 cents on the dollar, a job of amber necklaces, costing 30 cents a string up to $3; sent on memo. to well-rated jewelers. Dan I. Murray, 3 Maiden Lane, New York.

(Special Notices continued on page 98.)

BUSINESS OPPORTUNITIES
Continued.

(Continued from page 97.)

ONLY jewelry store in town of 1,400; all that one man can do; will stand closest investigation; store and residence if party so desires; invoice about $2,200. Box 445, Augusta, Ill.

TWENTY to 30 per cent. under regular price, a job lot of diamonds mounted in scarf pins, rings, etc., $1.50 to $100; pieces sent on memo. to well-rated dealers. Dan I. Murray, Broker, 3 Maiden Lane, New York.

ONE THOUSAND ladies' silk and leather belts at 25 to 50 per cent. less than regular price; sent on memo to well-rated jewelers. Dan I. Murray, Manufacturer, Importer and Broker, 3 Maiden Lane, New York.

WANTED, beginning 1907, a partner in a well established jewelry factory, making a good strong line; must command a good trade and have some capital; references required. Address "A. T., 8186," care Jewelers' Circular-Weekly.

FOR SALE, an old established jewelry and repair business, in a live city on southwestern shore of southern Michigan; it will bear the closest inspection; reason for selling, ill health. Address Norris, Alister & Co., Chicago, Ill.

PARTNER WANTED, for our manufacturing jewelry business; a good chance for energetic and conscientious young man, with capital, to enter into reliable business; apply by letter. E. A. Lehmann & Co., 20 Maiden Lane, New York.

FOR SALE, half interest in a well established and paying jewelry and repair business, to a man who is a practical jeweler and watchmaker; I am one, but have to have help to manage and take care of the business; big run of repair work; town of 6,000; best location of any one in the city; stock and fixtures about $7,000; best of references given and required. M. C. Roberts, Gainesville, Ga.

THE WASHBURN

SECURITY
Automatic Holder
for all sizes of scarf-pin wire. Guaranteed.



EAR WIRES
for unpierced ears.

MAGIC NUT
for ear studs, scarf-pins, etc.







SAFETY CATCH
For brooches, etc. Can be applied to any work where pin tongues are used.



Open. Closed. Open. Closed.

Descriptive Circular on Application.

Pearl Drilling and Adjusting a specialty.

Special Order Work and Repairing.

C. IRVING WASHBURN, 12-16 John St., N. Y.

THOUSAND gold filled and sterling silver lockets at 50 cents on the dollar; made by best manufacturers in America; I bought a jobber's stock complete at 50 cents on the dollar; will send on memo. to well-rated dealers. Dan I. Murray, 3 Maiden Lane, New York.

FIVE HUNDRED filled watches, complete, 12 size and in 20-year gold filled cases, with 11 and 15 jeweled movements, at $4.75 up; terms, cash on arrival of goods; sent on memo. to well-rated dealers. Dan I. Murray, Importer and Broker, 3 Maiden Lane, New York.

AN UNUSUAL opportunity for an experienced watchmaker and optician, to manage a business on shares, in a small, flourishing town in Kentucky; store, heat, light, telephone, etc., furnished and half the capital for stock of goods. Address "F. P., 8189," care Jewelers' Circular-Weekly.

CASH PAID for entire jewelry stores and stocks; send us your surplus stock, and we will send you a check by return mail; if our offer is unsatisfactory we return your goods; we act quickly and strictly confidential. Jos. Brown & Co., Fifth Ave. and Madison St., Chicago, Ill.

FOR SALE, large retail and manufacturing jewelry business, located at Oshkosh, Wis., very active and profitable; only reason for selling is owing to death of manager, son of present proprietor, who is advanced in years and wishes to retire; will give lease of store and dwelling above for term of years; size of property two stories, 20 x 150, with entrance and right of way at both ends; present stock, including show cases, machinery, safes, etc., about $40,000; can be reduced to suit purchaser. Apply Birely & Son, 151 Main St., Oshkosh, Wis.

DO YOU WISH TO RETIRE? We buy jewelry stores to any amount; also entire stocks of jewelry, diamonds, watches, silverware, fixtures, etc.; we are known all over the United States to pay highest spot cash; notify us, we will call on you at once; all business transacted we handle strictly confidential. Address Brooklyn Purchasing Syndicate, 608 Broadway, Brooklyn, N. Y., or Tel. 2328, Williamsburg.

A WELL established wholesale tool and material house in southern Colorado; located on the ground floor; on one of the best business streets in the city; the only wholesale house in southern Colorado; is doing a good business and has a retail optical parlor in connection, which alone is bringing a fine income; on account of ill health will sell everything, including stock of tools, materials, fixtures, motor, machinery and optical grinding plant, also optical testing apparatus, ophthalmometer, ophthalmoscope, Geneva retinoscope, trial case and a $100 testing table, latest model; everything, including optical stock, for $10,000, or will invoice to suit party; write for further particulars. "C. J., 8174," care Jewelers' Circular-Weekly.

Wanted to Purchase.

WANTED, jeweler's upright show case with sliding doors, not over five to six feet long; state particulars and price. Address "Case, 8190," care Jewelers' Circular-Weekly.

WILL BUY well established optical business or optical department in jewelry store, catering to good class of people. Address "Reliable, 8125," care Jewelers' Circular-Weekly.

WANTED, a jewelry factory; will pay a good price if offered this month. M. Kleinman, 41 Maiden Lane, New York.

ANTIQUE JEWELRY WANTED; we are always ready to make cash offers on any antique jewelry containing mosaics, cameos, seed pearls, etc.; also filigree, enameled or etruscan jewelry, either all gold or set with diamonds or other stones. Chas. S. Crossman & Co., The "Old Mine" Diamond House, established 1880, 3 Maiden Lane, New York.

For Sale.

TRUNKS and telescopes; three practically new trunks, telescopes and watch trays complete. Wm. I. Rosenfeld, 19 Maiden Lane, New York.

TYPEWRITER; New Century No. 6, in first class condition; used only a short time; it's a snap for anyone needing a typewriter; can be seen in Room 53, 11 John St., New York.

Side Lines Wanted.

EXPERIENCED, successful salesman, at present actively engaged, intending to change, desires to represent now or Jan. 1, two good lines in New York City, vicinity and larger New England towns; highest references; silverware, cut glass, jewelry and deposit ware considered. "Reliable, 8183," care Jewelers' Circular-Weekly.

To Let.

DESK ROOM or part of office to let. 3 Maiden Lane, Room 53, New York.

TO LET, part of an exceptionally desirable office, with fine north light; opportunity for precious stone business or manufacturer's agent. Room 48, Lorsch Bldg., 37 Maiden Lane, New York.

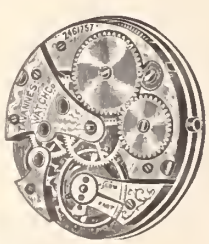
TO LET.
Four Desirable Light Lofts
At 31 MAIDEN LANE, N. Y.,

One door from Nassau St. Prominent location, center of jewelry district. Address F. J. Whiton, 130 Broadway, New York; or, your own broker.

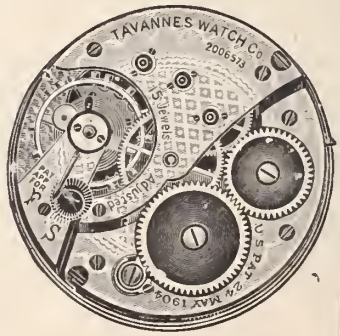
QUALITY COUNTS

The Increasing Sale of - - - - TAVANNES WATCHES

Proves their worth as timekeepers



FULLY GUARANTEED
For sale through the jobbing trade



TAVANNES WATCH CO.
2 & 4 Maiden Lane, New York.

PATENT DEPARTMENT

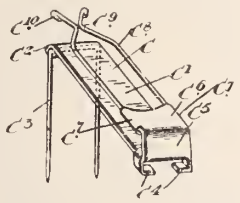
[IN WHICH IS CONTAINED A LIST OF THE LATEST PATENTS GRANTED BY THE UNITED STATES AND GREAT BRITAIN, THE UNITED STATES PATENTS THAT HAVE EXPIRED AND THE REGISTERED TRADE-MARKS.]

UNITED STATES PATENTS.

ISSUED OCT 23, 1906

833,859. CUFF-HOLDER. CHARLES J. WARWICK, Kingston, Ont., Can. Filed April 14, 1906. Serial No. 311,716.

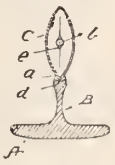
A cuff-holder comprising a plate having one end bent upwardly and then backwardly parallel with itself, the parallel end portion having a loop formed on the side edges thereof, a pair of straight par-



allel wires having their ends held in said loops, said wires converging near their opposite ends and then diverging to their extremities and a pin on the opposite side of said plate.

833,867. ROTARY LOCKING COLLAR-BUTTON. EDWIN C. BLAKE, San Francisco, Cal., assignor to George Ponarouse, San Francisco, Cal. Filed March 10, 1906. Serial No. 305,365.

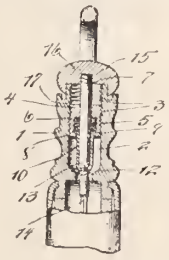
A collar-button comprising a base, a shank projecting therefrom having side arms formed integral therewith, and a head having pivotal connections with said side arms, the shank having a groove with



side lips, and the pivotal connections being sufficiently loose in the direction extending from the lips to permit the rim of the head to be passed over either lip into the groove.

833,881. WATCH-STEM. JOHN F. KING, Sheridan, Mont. Filed June 29, 1905. Serial No. 267,673.

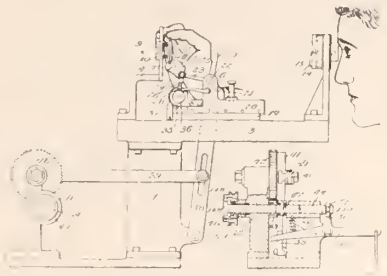
The combination with a bored and internally-threaded pendant, of a threaded bushing adapted to said threaded bore and provided with an inner circular recess, a winding-spindle extending through



the bushing, a waterproof packing arranged in the recess and encircling the stem, and a spring-jawed spindle-engaging hub or sleeve disposed in the lower portion of the recess, and serving to hold the packing in place.

834,020. METHOD OF CENTERING LENSES. ARTHUR PELLOW, Rochester, N. Y., assignor to the Bausch & Lomb Optical Co., Rochester, N. Y. Filed April 24, 1905. Serial No. 257,240.

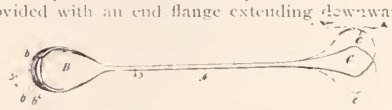
An improvement in the art of centering lenses with respect to their optical axes, consisting in directing the rays of an object from a given viewpoint to the surfaces of the lens, and then adjust-



ing the lens until the images of the object appear to coincide.

834,028. MIXED-DRINK SPOON. ABRAHAM L. SMITH, New York. Filed Oct. 27, 1905. Serial No. 284,636.

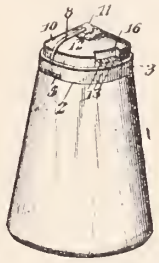
An improved mixed-drink spoon whose bowl is provided with an end flange extending downwardly



and rearwardly from its periphery, a slot separating the extreme end of the bowl from said flange.

834,096. CONDIMENT-HOLDER. JOHN B. WILLIAMSON, Louisville, Ky. Filed April 6, 1906. Serial No. 310,385.

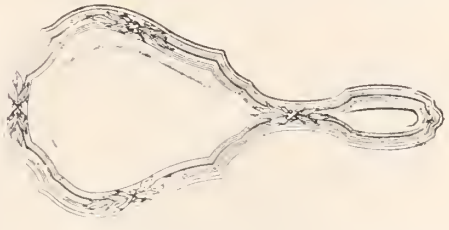
A device of the class described, comprising a



body, a cap mounted for rotary movement on the body, and a spring mounted on the body and extending over and engaging the cap and movable into and out of engagement with the same, the engaging portion of the spring forming a pivot for the said cap.

DESIGNS ISSUED OCT. 16, 1906.

38,282. BACK OF BRUSHES, MIRRORS, OR SIMILAR TOILET ARTICLES. GILBERT L. CROWELL, JR., Arlington, N. J., assignor



to Dominick & Haff, New York. Filed Aug. 25, 1906. Serial No. 332,048. Term of patent 7 years.

38,284. COVER FOR DISHES. EDWARD A. GUTERMANN, Meriden, Conn., assignor to Manning, Bowman & Co., Meriden, Conn.



Filed Aug. 22, 1906. Serial No. 331,659. Term of patent 7 years.

38,285. COVER FOR DISHES. GEORGE E. SAY-



[illegible] Meriden, Conn., assignor to Manning, Bowman & Co., Meriden, Conn. Filed Aug. 22, 1906. Serial No. 331,658. Term of patent 7 years.

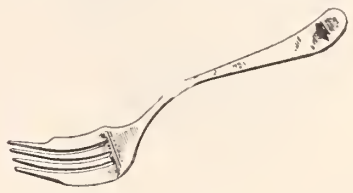
DESIGNS ISSUED OCT. 23, 1906.

38,291. SCARF-PIN OR SIMILAR ARTICLE. HENRY W. SHERRILL, New York. Filed June



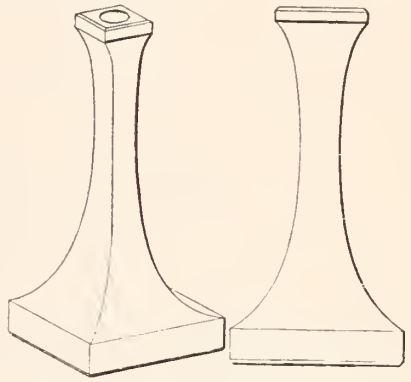
4, 1906. Serial No. 320,213. Term of patent 14 years.

38,292. COMBINATION KNIFE AND FORK. FELIX MCCLURE, Centreville, R. I. Filed



Aug. 30, 1906. Serial No. 332,724. Term of patent 14 years.

38,293. CANDLESTICK. KRAFT BOOTH, Philadelphia, Pa., assignor to Gillinder & Sons,



Inc., Philadelphia, Pa. Filed June 27, 1906. Serial No. 323,744. Term of patent 7 years.

UNITED STATES TRADE-MARKS.

[The following trade-marks have been adjudged entitled to registration under the Act of Feb. 20, 1905, and are published in compliance with Section 6 of said act. Said section provides:

"Any person who believes he would be damaged by the registration of a mark may oppose the same by filing notice of opposition, stating the grounds therefor, in the Patent Office, within 30 days after the publication of the mark sought to be registered, which said notice of opposition shall be verified by the person filing the same before one of the officers mentioned in Section 2 of this act. If no notice of opposition is filed within said time the commissioner shall issue a certificate of registration therefor, as hereinafter provided for."

Marks which are stated to have been "Used 10 years" are registrable under the last proviso of Section 5 of said act, which is as follows:

"And provided further, that nothing herein shall prevent the registration of any mark used by the applicant or his predecessors, or by those from whom title to the mark is derived, in commerce with foreign nations or among the several States, or with Indian tribes, which was in actual and exclusive use as a trade-mark of the applicant or his predecessors from whom he derived title for 10 years next preceding the passage of this act."]

PUBLISHED OCT 23, 1906

Ser. No. **18,581.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) LANDERS, FRARY & CLARK, New Britain, Conn. Filed April 6, 1906.

OLD PUT

Particular description of goods. Table-knives, shoe-knives, meat-knives, bread-knives, and special knives and knife-blades.

Ser. No. **19,919.** (CLASS 70. STATIONERY



ULTRA FLAT MINUTE REPEATERS

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Ladies' and Gentlemen's Flat and Ultra Flat Watches in Plain and Decorated Styles.

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Importers of all grades of Watches and Movements.

103 State Street, Chicago. **37 Maiden Lane, New York.**

NOT OTHERWISE CLASSIFIED.) SANFORD & BENNETT, New York, N. Y. Filed May 28, 1906.

Particular description of goods.—Stylographic and Fountain pens.

Ser. No. **20,953.** (CLASS 20. CUTLERY NOT INCLUDED IN CLASS 61, AND EDGE-TOOLS.) HENRIE CLAUSS, Fremont, O. Filed July 16, 1906.

Particular description of goods.—Razors, shears, and pocket-scissors, pocket-knives and manicure-blades.

R G S'EPEO OCT. 23, 1906.

56,890. WATCH CASES. THE DUEBER WATCH CASE MFG. CO., Canton, O.

Filed April 25, 1905. Serial No. 2,941. Published Aug. 28, 1906.

UNITED STATES PATENTS THAT HAVE EXPIRED.

[Reported especially for THE JEWELERS' CIRCULAR-WEEKLY by R. W. Bishop, Patent Attorney, Washington, D. C.]

Issued Oct. 22, 1889.

413,198. BUTTON. L. C. H. MENSING, Chelmsford, England.

413,225. FINGER-NAIL CUTTER. G. H. COATES, Worcester, Mass.

413,235. CLOCK-CASE. FLORENCE KROEBER, New York.

413,281. ELECTRIC CLOCK. M. L. M. HUSSEY, Menlo Park, N. J.

413,301. CLASP. T. W. NOXON, St. Louis, Mo.

413,314. BUTTON-HOOK. T. R. BETZEL, New York.

413,315. BUTTON. MARIE DEHAYES, Paris, France.

413,328. TIME-STAMP. E. H. ROGERS, JR., New York.

413,334. BUTTON-HOOK. T. R. BETZEL, New York.

413,340. ELECTRIC REGULATOR FOR CLOCKS. J. H. GERRY, Brooklyn, N. Y.

413,359. FORK-GUARD. ALFRED COPLEY, Sheffield, England, assignor to Hermann Boker & Co., New York.

413,366. PEN OR PENCIL HOLDER. J. P. HAISLIP, Salem, Va.

413,368. CALENDAR. J. H. HUGHES, Westerly, R. I.

413,390. INKSTAND. EMRY DAVIS, Kane, Pa.

413,398. WATCH CASE PENDANT. C. L. HOEFER, Kearney, Nebr.

413,401. BELT-SUPPORT. LOUIS SANDERS, Brooklyn, N. Y., assignor to Eliza Sanders, same place.

413,421. KEY-HOLDER. C. E. VAN NORMAN, Waltham, Mass.

413,439. CHAIN-BAR. J. H. FANNING, Providence, R. I.

413,441. CUFF-HOLDER. H. C. FRANK, New York.

413,465. MACHINE FOR ENLARGING FINGER-RINGS. C. A. SVENSSON, Buffalo, N. Y., assignor of one-half to W. W. Oliver, same place.

413,625. WIRE-ORNAMENTING MACHINE. SAMUEL MOORE, Providence, R.I., assignor of one-half to C. D. Reynolds, same place.

Design issued Oct. 18, 1892, for 14 years.

21,899. BADGE. E. L. MILLER, Scranton, Pa.

Designs issued Oct. 24, 1899, for 7 years.

31,708 and **31,709.** PLATES. C. J. AHRENFELDT, New York.

Designs issued April 21, 1903, for 3½ years.

36,293 and **36,294.** LAMP-SHADES. R. D. CHANDLER, Hyde Park, Mass., assignor to the Chandler Specialty Co., Boston, Mass.

Bauchert & Axline have succeeded to the business of Geo. H. Gardner, Noblesville, Ind.

W. M. McNeal, who conducts a jewelry store at 6 Central Ave., Atlanta, Ga., is a patient at the Grady Hospital, in that city, suffering from injuries sustained a short time ago by falling down a stairway at the local Y. M. C. A. building.

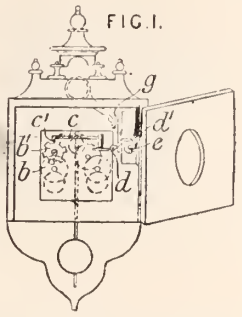
BRITISH PATENTS.

(ABRIDGMENTS OF SPECIFICATIONS, 1905, FROM *The Illustrated Official Journal.*)

ISSUE OF OCT. 10, 1906.

12,604. CLOCKS. P. WETZEL, Berlin. June 17.

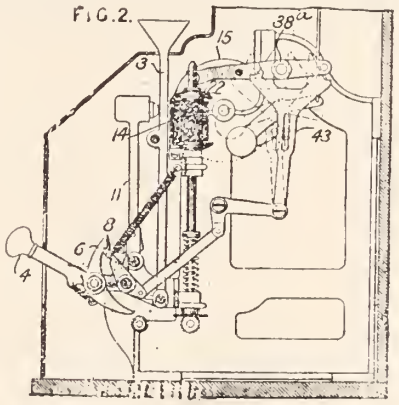
Clocks Combined with Phonographs, etc.—The usual bell or gong of the clock is dispensed with, and the striking-mechanism *b* is driven by the clockwork so as to turn the wheel b^1 through the space of one tooth at the termination of a predetermined interval, thereby first raising the beveled end c^1 of the hammer lever *c* and then allowing

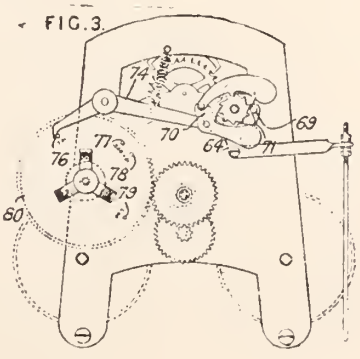


it to fall. The first of these movements raises the detent d^1 from engagement with a notched wheel *e*, which is connected to the operating-mechanism of a gramophone, phonograph, or the like *g*, allowing the latter to call the hour, etc., the wheel *e* running until the detent again engages the notch. The gramophone or the driving-mechanism may be arranged so that the time may be called several times in succession or at certain intervals, and the sound funnel may project from the clock case.

12,634. TIME-RECORDERS. P. MACMASTER, London.—(International Time Recording Co., Binghamton, N. Y., U. S.) June 19.

Time-checking apparatus for workmen. Regular times are printed in one color, irregular times in another color, by the shifting of the inking ribbon or ribbons 14, by means comprising the forked swinging lever 43 controlled by the clock in combination with the rocking arm or lever 38 connected to the sliding frame carrying the rubber

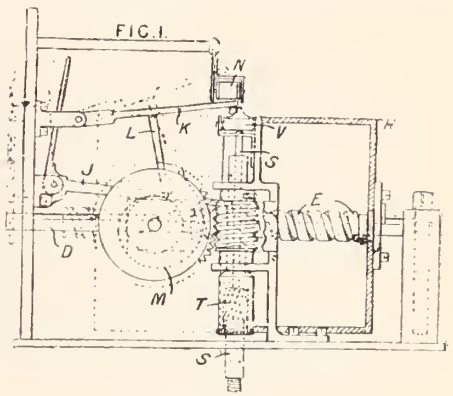




spools 22 and actuated by the lifting of the swinging lever and the depression of the operating-handle 4. The position of the lever 43 is controlled by the star-wheel 71 which is driven by the clock, and the forked lever 64 furnished with the pins 69, 70, bearing against the wheel 71 on opposite sides of its axis. The star-wheel 71 is turned at intervals by the gear-wheel 80 carrying the actuating-pins 76, 77, 78, 79, set at the desired intervals, through the lever 74. The ribbon spools are brought to their upper or lower positions by the actuation of the handle 4, their position, and consequently the printing-color, depending upon the position of the forked lever 43. As the finger 8 escapes from the trigger 6 during the depression of the handle 4, the printing-hammer 11 drives the card in the receiver 3 against the ribbon 14 and the time-printing wheels 15. An indicating-disk showing the color which is printing is provided.

12,663. SPEED INDICATORS. J. BONN, Bloomsbury, London. June 19.

A clock-driven drum carries a paper printed for time, which receives a mark for each unit of distance traversed and a different continuous mark during each stoppage. The drum H, which receives an axial as well as a rotary motion, is fixed to a hollow sleeve with an external screw-thread E. This sleeve has a key fitting a slot on a main shaft D driven by clockwork, while the screw is engaged by a bent end of an angle-lever J pivoted to the framing. The sleeve and drum consequently rotate with the main shaft and are drawn along it by the angle-lever J and screw. Distance marks are made by a line type at the end of a pivoted bar K, having an arm L resting on a snail cam M, driven through worm gear by a flexible shaft. A second cam and marker for fractional distances may be added. An ink roller N or other device is provided for the type. Stoppages are marked by a pencil on a second pivoted bar V which is at right-angles to the first. The flexible shaft drives



a cylinder T with a very high pitch screw-thread, engaging the inside of a correspondingly-threaded cylinder. When the shaft is turned, its cylindrical end first rises inside the hollow cylinder, and an extension S raises the stoppage marker out of contact with the record drum. If desired, the hollow cylinder may be driven directly by the shaft, and the cylinder T move in guides. The flexible shaft is driven preferably by a single-turn spiral on a vehicle or other wheel engaging a spur-wheel. The drum can be reset by moving the free end of the angle-lever J and sliding the drum to its initial position. The apparatus is applicable to motor-cars, vehicles, ships, engines, and the like.

12,783. CLOCKS AND WATCHES. E. LAINE, Loos (Nord), France. June 20.

Dials with 24 hour divisions are rendered available as solar-compass dials by printing on them

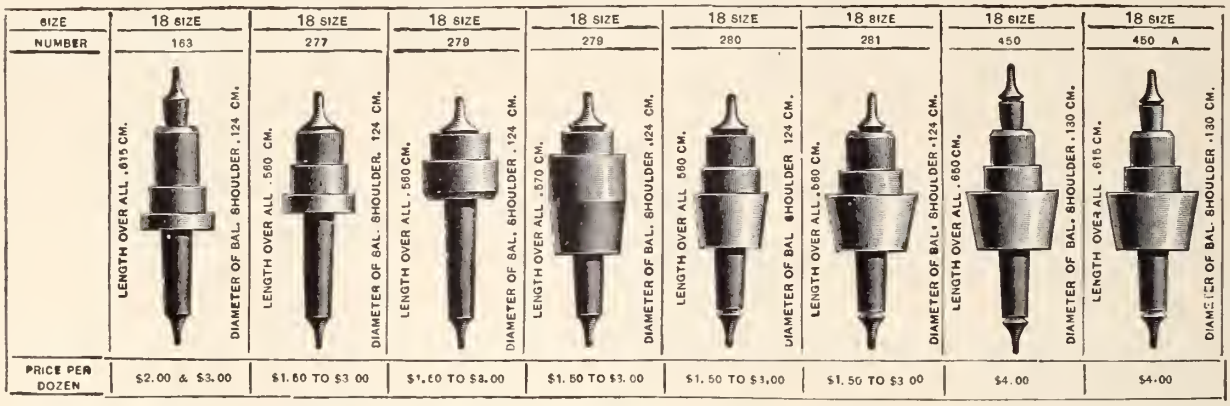


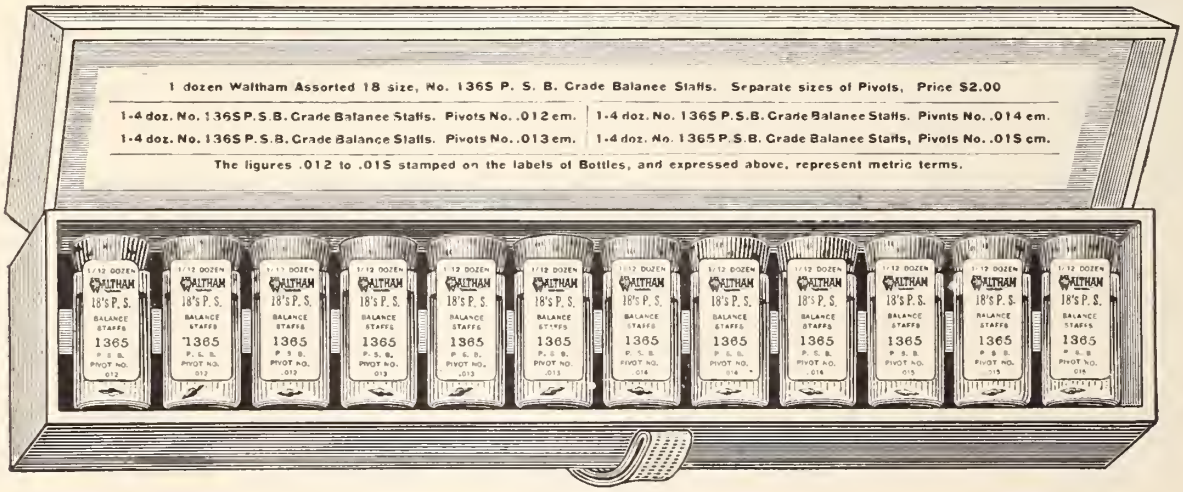
at the quarters the names of the cardinal points, "south" being printed at the noon figure. The invention is applicable to watches and like portable timepieces.

George H. Roling, Bellevue, Ia., has discontinued business.

WALTHAM WATCH COMPANY MATERIALS.

WALTHAM BALANCE STAFFS ENLARGED 6 DIAMETERS.





WALTHAM PATENT PAPER BOX, ENLARGED ONE THIRD. PATENTED, JUNE 5TH, 1894.
INTERIOR VIEW OF WALTHAM PATENT PAPER BOX HOLDING 1 DOZEN SEALED GLASS VIALS. PRESSING THE LOWER END OF ANY GLASS VIAL WILL FACILITATE ITS REMOVAL.

BALANCE STAFFS.	PER DOZEN EACH SIZE, ETC.	SINGLE STAFF NOT FITTED TO BALANCE	SINGLE STAFF FITTED TO BALANCE
7 Jeweled or Sterling and Seaside Grade, - -	$1.50	.20	.40
15 Jeweled or P S. Bartlett and Royal Grade, -	2 00	.25	.45
17-19 Jeweled or A. T & Co. and Riverside Grade, -	3.00	.35	.55
21-23 Jeweled or Crescent St. and Vanguard Grade, -	4 00	.45	.65

ASSORTED SIZES OF BALANCE STAFFS IN PATENT BOXES.

200 A.	½ Gross Assorted Staffs	$9.50
201 A.	¼ Gross Assorted Staffs	5 00
202 A.	½ Gross Assorted Staffs	12.50
203 A.	¼ Gross Assorted Staffs	6.50
204 A.	½ Gross Assorted Staffs	18.50
205 A.	¼ Gross Assorted Staffs	9.50

Orders for Balance Staffs should State the Size, model, grade and number desired.

THE HOROLOGICAL REVIEW.



The Art of Watch and Clock Making

An article contributed by T. D. WRIGHT *to the final number, just published by George Newnes, Ltd., of the Technological and Scientific Dictionary.*

CLOCKS and watches are machines automatically recording the number of vibrations made by a pendulum, or, by its substitute in portable timepieces, a balance and spring.

The machine contains (1) the motive power, usually a raised weight or coiled spring; (2) a train of wheels and pinions moving with different velocities to record various required intervals of time; (3) the escapement, an arrangement for periodically arresting the advance of the train, so that the tendency of the motive force to accelerate the speed shall be checked at frequent and regular intervals, and for conveying to the pendulum or balance sufficient impulse to restore the energy lost in overcoming the various resistances which have a tendency to bring these time measures to rest.

The mechanism of a good timepiece is so accurately made and so well designed that it does what perhaps no other machine of any kind is expected to do—that is, it will go night and day for years without skilled attention. The wheels and pinions usually have epicycloidal teeth, but in some parts of turret clocks, in the keyless mechanism of watches, and other parts where very low numbered pinions are not required, involute teeth may be advantageously used; either kind properly employed ensures smooth working, and, even more important, a constant angular velocity throughout the whole phase of contact of each tooth. The pinions and the escapement staffs are of highly polished tempered steel, to resist wear and reduce the effect of friction. The reduced portions, or pivots, which work in the bearings, are as small in diameter as the necessary strength will allow, and the bearings are often jeweled.

The mechanism of the finest timepiece is subject to one source of trouble, which will probably always be a trouble. It is necessary to lubricate nearly all the rubbing surfaces, and jeweled bearings do not remove this necessity. The lubricant must not be too thin or likely to evaporate, it must not be too thick or likely to corrode, and however good it may be there is always a possibility of one extreme in course of time, especially as an oil that will keep good for a long time with one wearer, will dry up with another, and will thicken with yet another. Except for the lubrication trouble, the timepiece, as a machine, may be accepted as a very good specimen of the perfection of mechanism. The natural errors to which the pendulum and the balance and spring are subject will be dealt with later.

The standard by which all timepieces are ultimately checked is the "Sidereal Day," the uniform interval of time taken by the earth to make one exact rotation on its axis; but the standard interval recorded by most clocks and watches is the "Mean Solar Day," an interval equal to the *average length* of the "Apparent Solar Day." No two consecutive solar days are of precisely equal duration, so the mean of these continually varying intervals is used as the regular standard for all civil purposes.

In checking the rate of a clock by astronomical observations with the aid of a transit or other meridian instrument, it will often be found convenient to use the transits of the sun. These occur at irregular intervals, but the irregularities are accurately known, and are furnished in the "Nautical Almanac" years in advance; we therefore find it just as reliable to use the sun, and for checking the rate of a mean-time clock the necessary calculations are easier than those required for sidereal observations.

Whole days are determined and checked by astronomical observations. The subdivisions of the day cannot be so determined. In modern timepieces the subdivisions are measured either by the oscillations of a pendulum or by the vibrations of a balance attached to an elastic spring.

The discovery of the isochronism of pendulum vibrations made it possible to subdivide the day with great accuracy. The time of vibration depends upon the length of the pendulum and is proportional to the square root of the length.

$$T = \pi \sqrt{\frac{l}{g}}$$

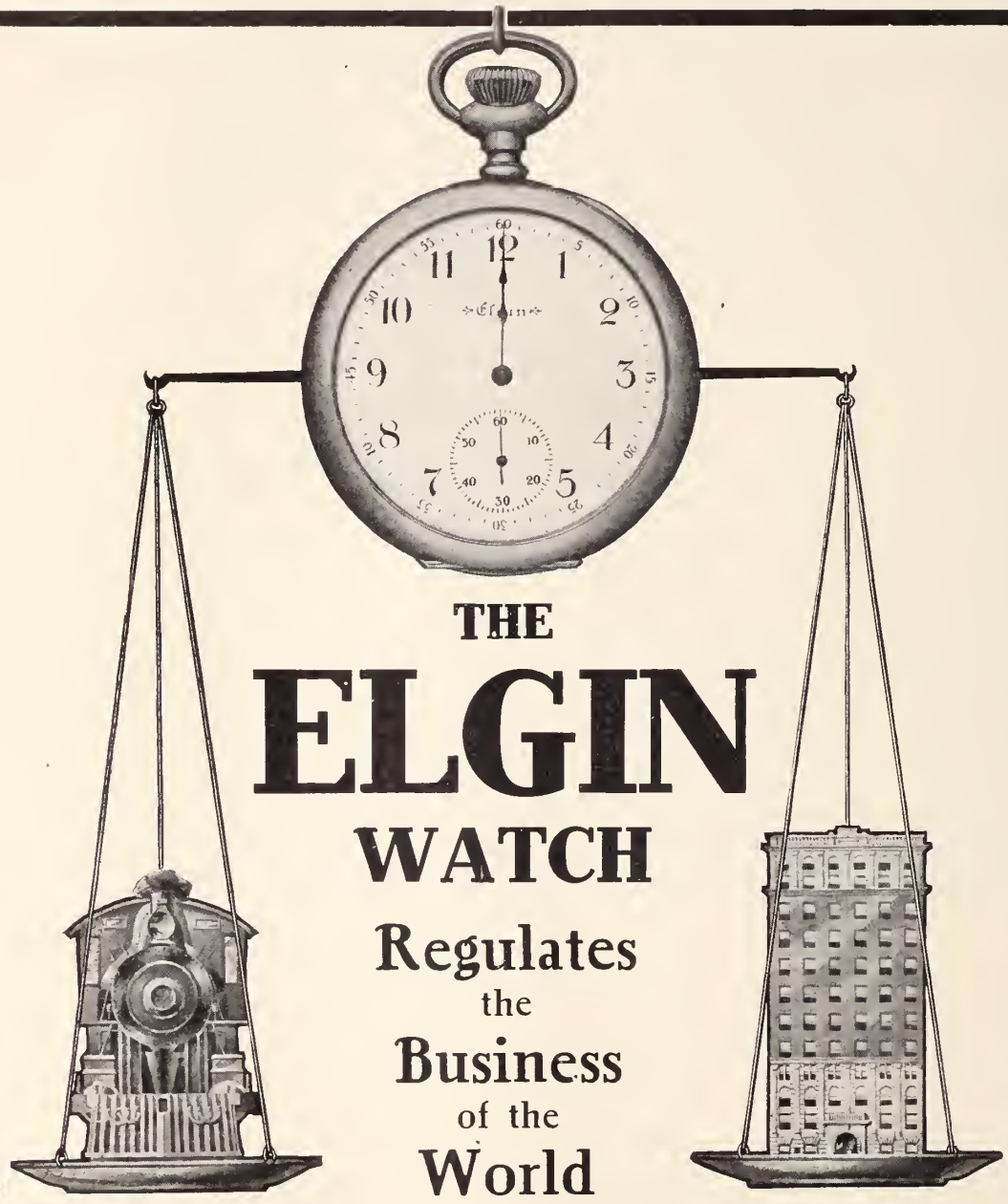
is the usual formula denoting the time of one complete swing in one direction; T being the time in seconds, π the ratio of circumference to diameter, approximately 3.1416, l the length of the pendulum, and g the acceleration due to gravitation. "g" has different values at different parts of the earth's surface, but so long as the length of the pendulum does not alter, the time of vibration at any one place will be almost perfectly constant.

A clock controlled by a pendulum is probably the most accurate of all time-keepers. The pendulum should not be shorter than a "seconds" pendulum = about 39.14 inches. It, and the mechanism, should be rigidly supported, and a weight should be used to drive it, as the energy of impulse will then be sensibly constant. We find, however, that if the machine be mechanically perfect there are, at least, three sources of error to which the pendulum is liable—change in the amplitude of the arc described may cause a "circular error," change in the atmospheric pressure may cause a "barometric error," and change of temperature may cause a "temperature error."

If a pendulum is describing large arcs of vibration, and the arcs vary much in amplitude, there will be a circular error, as large arcs take *slightly* longer than small ones; but in clocks of precision the largest arc permitted is small, seldom more than 2° from the point of rest, and every effort is made to maintain the amplitude constant, so that the isochronism in a good clock is but little disturbed by the circular error.

The barometric error is due to changes in the atmospheric pressure; when the pressure increases, the pendulum meets with greater resistance to its progress and the clock loses. The error is small, estimated at about one second per day for a change of three inches in the barometric reading, but in very fine clocks some provision is made to counteract it. In the Greenwich sidereal clock a barometer tube is fitted inside the clock case; the rise and fall of the mercury in the open end of the tube cause a horseshoe magnet to recede from, or approach, two bar magnets fixed to the front and back of the pendulum bob, thus reinforcing the acceleration due to

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Factories, Elgin, Illinois, U. S. A.
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New York Office, 11 John Street.
San Francisco Office, 206 Kearny St.

gravity, more or less, according to the nearness together of the horseshoe and the pendulum magnets.

The horseshoe is adjusted under the pendulum magnets with the unlike attracting poles opposite one another. For the new physical laboratory at Bushey House a clock has been made with an air-tight case, and air pump is attached; the pressure will be reduced below the normal and maintained constant, so that no variation may arise from this cause.

The largest variation to which an ordinary pendulum is subject is due to the temperature error. Nearly all materials undergo changes of dimensions when the thermometer alters. An iron, or steel, or brass rod becomes longer in heat and goes slower, so that all good clocks require compensation pendulums. In all such pendulums two or more materials are used, having very different coefficients of expansion. The rod being of the material with a small expansion, the other parts are so arranged that just as much as the change in the rod tends to displace the center of oscillation, the other part tends to move it in the opposite direction, and the effective length of the pendulum remains constant in all temperatures.

A mercurial pendulum has a rod of steel, and the bob is a jar of glass, or of steel, containing mercury. As mercury expands and contracts very much more than steel for the same changes of temperature, we find that about six inches of mercury is sufficient to keep the center of oscillation of a seconds pendulum at a constant distance from the suspension and so compensate the temperature error.

A zinc and steel pendulum has a rod of steel; on the rating nut at the bottom rests a zinc tube, from the top of the zinc tube hangs a steel tube terminating in a collar on which the bob is supported *at its center*, so that the expansion and contraction of the bob shall have little effect on the time. As the coefficient of expansion of zinc to that of steel is in about the proportion of 8 to 3, we find that a tube of zinc about 24 inches long is sufficient to compensate a seconds pendulum. The length of steel rod + the length of steel tube must be to the length of zinc tube *inversely* as the respective coefficients of expansion.

The recent experiments of Dr. Guillaume with alloys of nickel and steel, in different proportions, have produced some remarkable results. It is stated that at least one specimen has been produced having no expansion at all. There may be some doubt, if so desirable a result can be repeated, but there is no doubt that many specimens of nickel steel have been obtained possessing exceedingly small coefficients. As with most alloys, the result of a melt is more or less uncertain; each individual rod should be tested, and a rather long process of annealing has to be undergone to make the metal workable, and to ensure its retaining its peculiar properties. Its use for pendulum rods is still in the experimental stage, but it promises to be a very valuable discovery for such a purpose, and as the clock at Bushey House, already referred to, has one of these rods, for which a very short brass tube is sufficient to compensate it, the record of its performance will be looked forward to with great interest.

A pendulum cannot be used for a portable timekeeper, a balance and spring taking its place in chronometers, watches and carriage clocks. The balance is a flywheel, storing up the energy received at each impulse, thus being enabled in its return vibration to unlock the escapement to allow the train of wheels and the hands to advance and to receive fresh impulse. It is highly important that the balance shall be truly a "balance"—*i. e.*, that the staff on which it is mounted shall be accurately in the center of the mass. If it be the least out of weight, or "out of poise," as it is called, the rate in the different vertical positions of the watch will vary; the balance will no longer be a "balance."

The regularity of the vibrations of a balance is due to the controlling influence of the spring. This is an elastic spring fixed at one end, the other end being attached to the balance near its axis. There is no circular error as with the pendulum. If the size and weight of the balance be suitably adapted to the energy of the motive power, and the spring is properly applied and adjusted, the arc of vibration may vary very much without any important change in the rate of vibration. If, owing to variation in the energy of impulse, the balance at one time travels twice as far as at another, it will travel twice as fast, and the time of vibration will be the same.

The regularity of vibration is liable to disturbance by the varying effect of friction, and to the fact that the connection with the escapement has a greater retarding effect when the vibrations are small and the velocity slow, than when the arcs described are large and the speed of the balance rapid; but the modern timer is able to surmount these difficulties and obtain almost perfect isochronism. So much has been accomplished in this direction that the fusee, as a necessary equalizer of the motive power, has almost disappeared from the modern watch in favor of the going barrel, with its much simpler form of keyless mechanism.

The motion of the balance is affected, like that of the pendulum, by variation in the atmospheric pressure. Recent experiments indicate that the barometric error in a large watch is about 50 per cent. greater than the barometric error of a pendulum, that the error in a marine chronometer is a little less than that in a deck watch, while the error in small watches is slightly greater. There is at present no known method of correcting this, except by introducing centrifugal or isochronal errors, either of which might do more harm than good.

The time of vibration of a balance depends upon its "moment of inertia" and upon the elasticity and dimensions of the spring. As the elasticity of a spring of steel, and probably of any material suitable for balance springs, is very much affected by changes of temperature, we find that the temperature error of an uncompensated witch is far greater than that of a pendulum clock. When the temperature rises the diameter of the balance increases, its moment of inertia is greater and this tends to make the watch lose. All the dimensions of the spring increase, it becomes longer, tending to make the watch lose, but in the same degree is becomes wider, tending to cause a gain; and for all changes of temperature the alterations in these two dimensions alone neutralize one another. It also becomes thicker, and this change of itself probably more than neutralizes the increase in the diameter of the balance, so that the whole of the observed error is due to the change in the elastic nature of the spring.

The compensation balance is designed to correct this error; it becomes smaller in heat and larger in cold. In the ordinary form of compensation balance a steel disc is turned perfectly true. This is placed in a crucible containing molten brass. When cool the brass adheres, and is turned true, leaving a ring of brass outside the steel. The steel is recessed and cut away until only an inner ring of steel is left with a thin crossbar of the same piece of metal, in which the staff is fixed. A number of holes are drilled and tapped through the bimetallic ring; in these holes a less number of weights, usually gold screws, may be placed in different positions. The ring is cut right through in two opposite points, usually close to the crossbar, leaving each half of the ring fixed to the bar at one end and quite free to move inward or outward at the other end.

When the temperature rises the brass expands more than the steel, and the two metals, to remain together, must bend into a quicker curve, carrying the free ends of the rim in toward the center. When the temperature falls the brass contracts more than the steel and flattens the curve, bringing the free ends outward. How far the changes of curvature will affect the moment inertia of the balance depends, in a great measure, upon how much of the movable weight is collected near the free ends of the rim. The final positions of the adjustable weights can only be determined by trial.

The thickness of the rim is dictated by experience. If too thick the weights are relatively light, their change in position has insufficient effect, and it may be necessary to substitute platinum screws for the gold ones at the free ends. If too thin there will be a centrifugal effect, greatest in the large arcs of vibration, tending to open the rims outward, especially if much of the weight has to be collected near the free ends.

The proportion of brass to steel is an unsettled question. Some authorities have stated that they should be inversely as the respective modulus of elasticity. Others say inversely as the square root of their elasticities. As the bending moment of an elastic bar of rectangular section is proportional to the *cube* of its thickness, it is possible that the thicknesses should be inversely as the cube roots of the respective elasticities. The two metals will then offer equal resistances to change of curvature.

The balance of a marine chronometer, instead of having gold screws round the rim as in watches, has two heavy brass weights grooved to fit the rim; these are held in position by pinching screws.

The compensation of a balance is not so



EXCLUSIVE IN ADVANTAGES

The exceptional attractiveness of the 1906-1907 line of

CROWN WATCH CASES

combined with their current prices and no additional charges for engraved designs, presents a proposition worthy of serious consideration.

PHILADELPHIA WATCH CASE CO.

RIVERSIDE, NEW JERSEY

perfect as that of a pendulum. With the latter it is only necessary that its length shall remain constant. The balance has to correct the errors due to changes in the elasticity of the spring, its effective radius must grow less in heat and greater in cold. The change in the elasticity of the spring is, at least approximately, proportional to the change in the temperature; but the moment of inertia of the balance is proportional to the *square* of its radius of gyration, so that any balance changing its radius uniformly with the temperature is imperfectly compensated.

It may be adjusted correctly for any two given temperatures, but the change in its moment of inertia will then cause it to gain at intermediate temperatures and lose above or below the selected temperatures. In marine chronometers the error, which is never large, is in some cases reduced by adjusting the primary compensation for a narrower range of temperature than the total change it is to be adjusted for. The middle gain will then be less than if adjusted for a wider range. At the extremity of the selected range a supplementary or secondary compensation piece, called an "auxiliary," comes into action and continues the compensation through a further limited change of temperature.

In non-magnetizable watches the balance spring, as well as the quick-moving parts of the escapement, must be of other material than steel. The most successful of these springs are made of an alloy of palladium. For the lever, pallet body and roller aluminum bronze is one of the best materials.

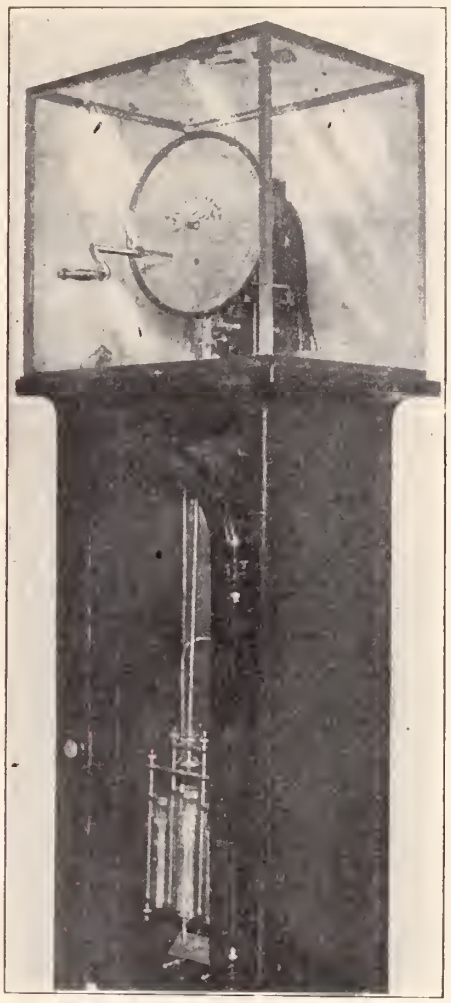
Why He Did Not Want a Striking Clock.

THE salesman in a jewelry store was talking of the merits of various wall clocks to a patron, and finally pointed out one as a great bargain. "Not for me," interrupted the customer; "that clock strikes and I wouldn't have it as a gift." "You're different from the usual run of purchasers; they prefer striking clocks," commented the salesman. "Yes, but they don't keep poolrooms," explained the customer. "I want the clock for my establishment and a striking clock would lose me money. Pool and billiards are fascinating games and players get so absorbed they forget all about time, which they wouldn't do if there were a clock striking regularly. A clock striking every hour in my place would make a big hole in the receipts, and I guess a clock that struck half-hours would put me out of business. No, sir, you don't find a wise poolroom keeper hanging a striking clock in his place."

Capt. E. R. Cook, of Cook & Jaques, Trenton, N. J., recently celebrated his 75th birthday, receiving congratulations of many friends at his home, 556 E. State St. For 40 years Capt. Cook has been employed in the local branch of the weather service, attending to these duties as well as to the jewelry business in which he has been engaged for 54 years. He is the horologist at Trenton for the Pennsylvania Railroad, has charge of its tower clocks in various cities and looks after the City Hall clock and other clocks in his city.

The City Hall Clock of Philadelphia, Pa.

AT precisely 8.57 o'clock every evening look for an interesting sight if you go to Philadelphia, says the New York *Tribune*. Many eyes will be focused on the tower of the City Hall. The time is flashed for a distance of 30 miles by a circle of lights placed on the tower, just beneath the feet of the great statue of William Penn that surmounts the tall tower. On clear nights residents of remote suburbs can plainly see the lights on the tower, and these suburbanites will watch for the extinguishing of the lights at 8.57 o'clock. At 9 to the dot the lights will blaze again, so that any one setting his chronometer by the appearance of these beacons will have the exact Washington time to the second.



WINDING APPARATUS OF PHILADELPHIA'S CITY HALL CLOCK.

This is only one of many especial features of this interesting timepiece. For years the matter of the clock that should be placed in the tower of the City Hall occupied the earnest attention of the commissioners, but no satisfactory method could be found to overcome the difficulties to be apprehended from high winds and the retarding effect of snow and sleet. It was determined at last to install the pneumatic system, which is a recent development in horology.

The motive power for the clock is compressed air, the mechanism being divided into four distinct parts; the air compressor, the master clock, the dials and dial mechanism. Two motors are at work in the tower supplying the air pressure, which is compressed by a three-crank electric air pump into a tank of 193 gallons capacity. To avoid the stopping of the clock through the motors failing in their duty two water motors are kept in constant connection with the air compressor, so that should anything happen to the regular machines these auxiliaries would automatically take up the work.

The great dials that are seen from the street below are merely the indicators of the time. The clock itself is a small affair. Instead of massive machinery, such as would be suggested to the public by the size of these enormous dials, the clock is small enough to be inclosed in a metallic case on the seventh floor of the tower. But most of the interest in the entire mechanism centers in this glass case and in the ingenious contrivances for keeping the clock at correct time despite the influences at work to cause it to go wrong. In order that the case shall be free from vibration it is raised from the floor and built upon girders running from the walls of the tower.

The case is airtight and dustproof. The movement, handmade and jeweled throughout, required two years to produce. The master clock is wound once in 30 days, the auxiliary clock once in eight days. The key is inserted through a hole in the glass panels of the case immediately in front of the clock cases, the opening being closed by a rubber plug at other times. The greatest care is taken to preserve uniform temperature within the case. A pneumatic thermostat within the case controls an electric heater, thus insuring no greater variation than two degrees throughout the entire year.

Once every minute the clock opens the valve which admits compressed air to the tubes connected with the gears, and immediately closes, the impulse moving the minute hand one-half minute, and the release of the air causing the hand to move the other half minute. The great altitude at which the clock is placed, 361 feet one and a half inches to center of dials from the level ground, made it necessary to provide against high pressure exerted by tempests.

To effect this heavy trussed steel frame bracing is placed about two feet back of each dial, to which the dial frames are connected by bolt struts, with right and left screws fitting into sockets bolted to the bracing. In front of the bracings are steel reflector plates pierced for incandescent lights. The lamps are lighted and extinguished automatically by the action of the master clock.

Instead of the usual Roman numerals, which could not be distinguished from the street, the figures are indicated on the dials by plain plates three feet 2 inches long and 14 inches broad for the III., VI., IX. and XII., the other hour plates being three inches wide. The hands of the dials are framed of steel to resist bending due to high winds, and encased in copper to prevent oxidization. The axle turns on ball bearings. The length of the minute hand is 10 feet eight inches, of the hour hand nine feet. The weight of the former is 225 pounds, of the latter 175 pounds. It has been estimated that the distance traveled by the minute hand in one year is 114.7 miles.

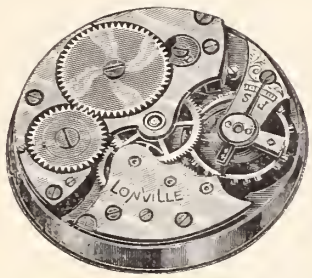
LANGENDORF'S WATCH CORNER

REMEMBER that the Os. and 12s. Lonville Lever Movements will be scarce. You had better order same of your jobber at once. These new movements are equally as reliable as the 16s. Lonville.

O SIZE.



12 SIZE.



GOOD CYLINDER WATCHES are more in demand now than ever. Ask your jobber for watches with this

TRADE MARK

This year we turned out more than a million watches. We sell them. There must be a reason for it.

SOLE AGENTS FOR UNITED STATES,

BYRON L. STRASBURGER & CO.,

17 Maiden Lane, New York, N. Y.

A Complete Line of the Celebrated

NARDIN WATCHES

Thin Minute Repeaters, Split Seconds, Movements fitting American Cases, Ship Chronometers and Torpedo Boat Watches can be secured through

R. NEWBURGH

Sole Agent

12-16 John Street NEW YORK

Manufacturer of the Current Grade Colbert Watch

46 out of 99 PRIZES

were awarded to

PATEK, PHILIPPE & CO.

in the Timing Contest of the Astronomical Observatory in Geneva, for the year 1905, comprising: The only First Unique Prize for Best Average Running; 2 First Prizes out of 3; 5 Second Prizes out of 10; 8 Third Prizes out of 18; 9 Fourth Prizes out of 24; 10 Honorable Mentions out of 23; 11 Simple Mentions out of 21. 11 Manufacturers participated.

68 NASSAU ST., NEW YORK. GENEVA, SWITZERLAND.

JULES JÜRGENSEN

Watches and Chronometers

PARIS—"THE GRAND PRIX"—1900

SOLE AGENTS

RUDOLPH & SNEDEKER, 65 Nassau St., New York

THE LANCET

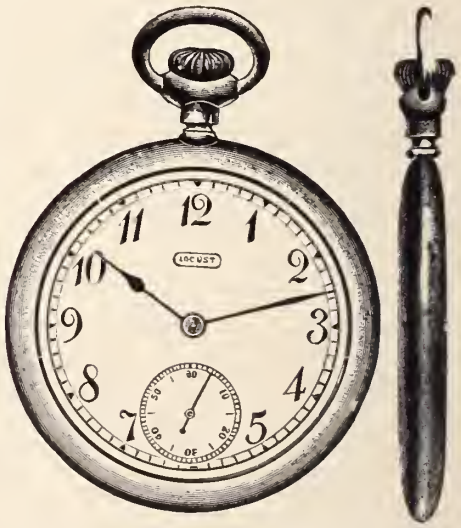
15 and 17 jewel, adjusted, cased in 25-year Gold Filled hinge, or Solid Gold, 14 Kt. The best and most attractive thin watch on the market.



THE LOCUST

THIN MODEL

7 jewel, lever, cased in 20-year Gold Filled, Screw back and bezel. Also in Nickel, Gun Metal, Etched and Silver.



The LANCET and LOCUST offer best value. Quality absolutely guaranteed.

ASK YOUR JOBBER FOR THEM or write direct to

Hipp. Didisheim & Bro.

49 Maiden Lane, New York

Chicago Office, Columbus Building

THE WATCH AS A TRADE LEVER

NOT ONLY is the watch a most important item in itself, but it affords a powerful stimulus to the entire business of a jewelry establishment. The importance of a time-piece is such that confidence must precede sales. Once that confidence is gained, other sales naturally follow. The good watch is a symbol of reliability. As such it is a lever to trade.

In order to reap fullest results the watch department must draw from a thoroughly dependable source of supply. These offices furnish it.

CHICAGO
103 STATE STREET

J. W. FORSINGER
LEADING AMERICAN WATCHES AND MOVEMENTS

NEW YORK
2 MAIDEN LANE

OMEGA



MOVEMENTS ARE FINE TIME PIECES.

All made with Lever Escapements and Double Roller.
Pendant Set. Fitting American Cases.

Made in 6 Different Grades.
10 LIGNE. 11 LIGNE. 0 SIZE. 12 SIZE. 16 SIZE.
From 7 Jewels to 21 Jewels,
Adjusted to heat and cold and 5 positions.

Why is it so many watch movements are sold under the plea that they are just as good as the Omega? There must be a reason.

PRICES NOT ADVERTISED IN ANY JOURNAL.

A Trial will convince you of their merits. Send for price list.

SELLING AGENTS:

EDMOND E. ROBERT,
3 MAIDEN LANE,
NEW YORK.

CROSS & BEGUELIN,
17 MAIDEN LANE,
NEW YORK.



For BEAUTY of DESIGN, PERFECTION of FINISH and RELIABILITY Combined with Moderate Price

Trenton Watches Are Unequalled



A sample line is convincing. They are pendant setting in all sizes, fitting regular pendant setting cases. Decorated dials and Louis XV Hands supplied on all grades.



No. 100. Bridge Model, O Size, 7 Jewel, Hunting and Open Face, Pendant Setting.

Jobbers Sell Trentons

Price List on Application

A Neat Sign or Advertising Booklet for the Asking



No. 140. Bridge Model, 16 Size, 15 Jewel, Hunting and Open-Face, Pendant Setting.

MANUFACTURED AND GUARANTEED BY

TRENTON WATCH CO.

TRENTON, NEW JERSEY



5,600 America Alarms are shipped our dealers every day —Getting your share of this profit?

The Western Clock Mfg. Co.

LA SALLE, ILL.



LEON WATCH CASE CO.

Makers of 14 Karat

SOLID GOLD CASES

The bows are stamped 14 K.
Special designs made to order.

OFFICES

NEW YORK 37-39 MAIDEN LANE
CHICAGO 52 STATE STREET

FACTORY

16 Boyden Place, Newark, N. J.



Sessions Clocks

Superior finish. Reasonable prices.

Have you seen our

New and Exclusive Designs

in Mantel and Hanging Clocks?

Write for Catalog and supplement.

The Sessions Clock Co.

Main Office and Factories,

Forestville, Connecticut, U. S. A.

New York Salesrooms,

37 Maiden Lane.



IF IT'S A

ROY

TRADE MARK

IT'S STANDARD







O Size Bassine Engraved Cases, made from assayed Gold, quality as stamped.

ROY WATCH CASE COMPANY,



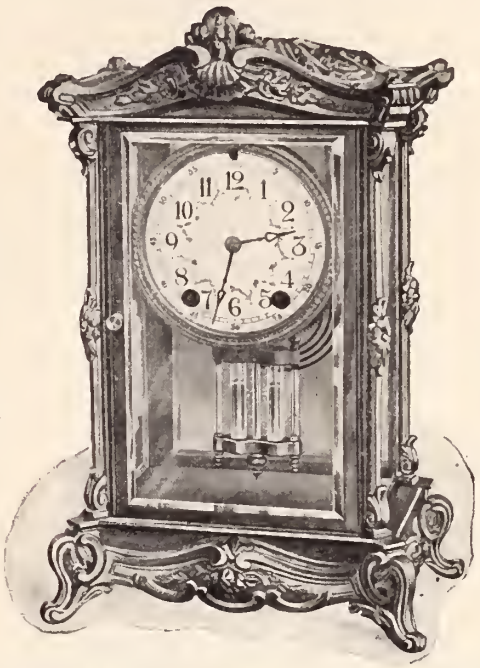
21-23 Maiden Lane, NEW YORK.

SAN FRANCISCO.
LONDON, ENG.

SETH THOMAS CLOCK COMPANY

Established 1813

EMPIRE No. 9



Metal Case,
Rich Gold Finish
Burnished and Lacquered.
Beveled plate glass
front, back, and sides.

8 Day, half-hour strike,
Cathedral bell.
4-inch cream porcelain dial.
Height 13 inches.

List Price, $37.80

SETH THOMAS CLOCK COMPANY

51 Maiden Lane, New York 70 Wabash Avenue, Chicago



We have just received from our printer
Our New 1907 Catalogue of

CUCKOO CLOCKS

and we should like every Jeweler to have one.

It is the finest cuckoo clock book ever issued in this country, and contains an interesting talk to dealers about

THESE UNIQUE CLOCKS AND THEIR COST

(Some of the trade papers have said some nice things about this catalogue.)

No dealer should think of ordering his fall supply without having read through this new catalogue of ours. Lay this paper aside for a minute and send us your business card.

We'd like to make sure that you are on our mailing list.

AMERICAN CUCKOO-CLOCK COMPANY
Cuckoo Clocks and other Unusual Clocks
STATION S. PHILADELPHIA

AUDEMARS, PIGUET & CO.,

BRASSUS and GENEVA.

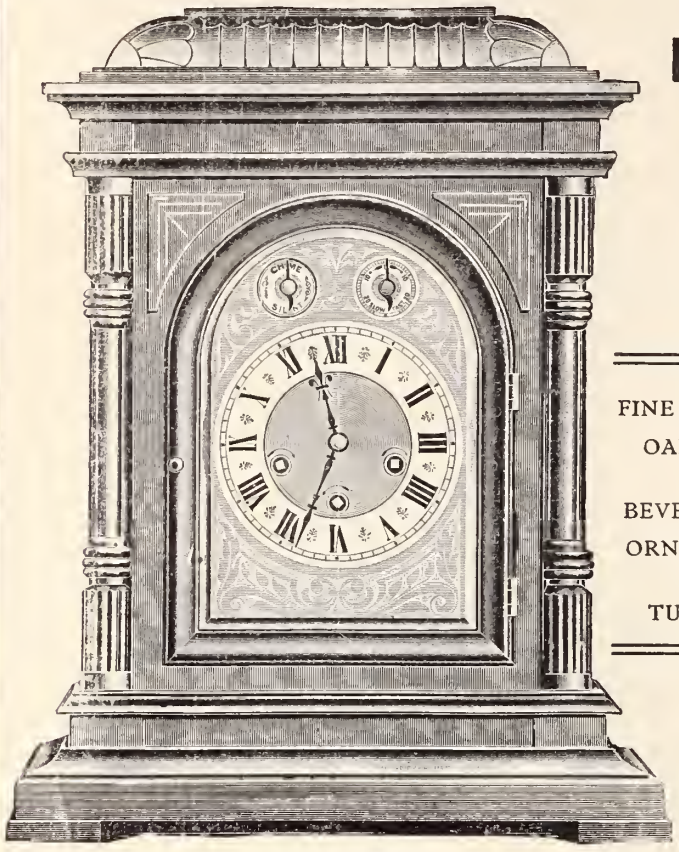
Manufacturers of Superior

Plain and Complicated Watches.

Represented by

A. WITTNAUER CO.,

9-11-13 Maiden Lane, NEW YORK.



MANTEL CHIME CLOCKS

TRADE


MARK

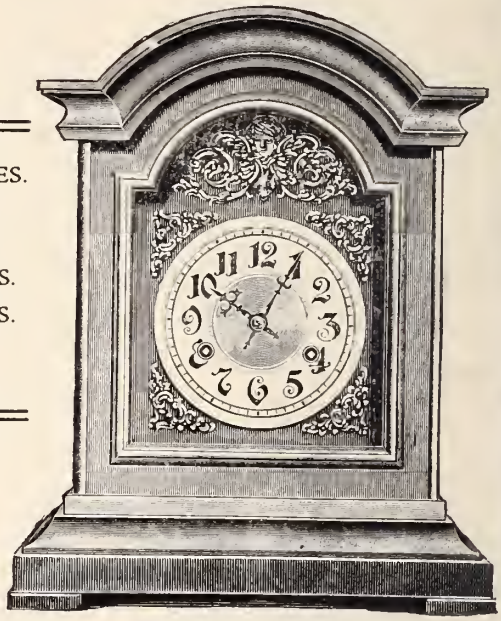
MANY PATTERNS IN GENUINE MAHOGANY, OAK AND WALNUT.

Ask for Illustrated Booklet.

FINE POLISHED CASES.
OAK, MAHOGANY, WALNUT.
BEVEL GLASS DOORS.
ORNAMENTAL DIALS.
PATENTED TUBULAR GONGS.

TRADE


MARK



No. 5181. CHANT.
Mahogany. Height, 18 inches. Westminster Chime on Five Tubular Gongs. List price, $43.00.

No. 1000. BROOKLINE.
Mahogany. Height, 12¾ inches. ¼-hour Strike on Two Tubular Gongs. List price, $22.00.

SUSSFELD, LORSCH & CO. IMPORTERS NEW YORK

MANTEL CHIME CLOCKS, CUCKOO CLOCKS, 400-DAY CLOCKS. APPLY FOR BOOKLETS
FRENCH REGULATORS AND TRAVELING CLOCKS

GENERAL WATCH CASE REPAIRING.

Gold and Silver Plating, Satin Finishing, Engraving and Engine-Turning.



Old English and Swiss Cases changed to fit American Stem-Wind Movements.

J. W. RUDLEN & CO.,
90 State St., CHICAGO, ILL.

"Perfect Yourself"
in ENGRAVING and EXPERT WATCH WORK.
Take a Post-Graduate Course.
RIES & ARMSTRONG, Macon, Ga.

MAYBERT & REISS
TRADE WATCH MAKERS
We do trade work all over the United States.
Fine Work, Low Prices, Quick Returns.
Give us a trial. We beat them all
71-73 NASSAU ST., NEW YORK

Expert WATCH and Chronometer REPAIRING
FOR THE TRADE.
When others fail you we guarantee satisfaction. A trial will convince. Prices very reasonable.
List will be sent on request.
G. OHAN, 37-39 Maiden Lane,
Lorsch Bldg., Room 27. NEW YORK.

Learn Watchmaking
Refined, profitable labor. Competent men always in demand. We teach it thoroughly in as many months as it formerly took years. Does away with tedious apprenticeship. Money earned while studying. Positions secured. Easy terms. Send for catalogue. Address
St. Louis Watchmaking School, St. Louis, Mo.



"Practical Course in Adjusting." PUBLISHED PRICE $2.50. SPECIAL REDUCED PRICE $1.50 ALL JOBBERS OR JEWELERS' CIRCULAR PUBLISHING CO.

RETAIL JEWELERS ADVERTISING

A Comparison and an Analysis of Two Advertisements Written in Verse.

Ads. that Attract Attention, but do not Describe the Goods.

IS is ever advisable for a retail jeweler to give poetry a place in newspaper advertising? Can recourse to the muse under certain conditions help the advertiser to sell goods, which is the ultimate end of advertising? These two questions, suggested by the accompanying ad. of H. J. Heimberger, Columbus, O., are important, inasmuch as jewelers who are experienced advertisers occasionally use poetry instead of prose in the text of their advertisements.

There are those who deprecate poetry in any advertisement, of any style, at any time (and they are probably in the majority). Others believe it may be used to advantage at certain times and under certain circumstances. The times and circumstances are when the readers' minds are in a very receptive mood and when the verses advertise the stock.

Mr. Heimberger, who recently submitted the above ad. to THE CIRCULAR-WEEKLY for review, is himself of the opinion that this ad. is too general and the writer agrees with him. The verses in his ad. might be used to advertise anything. The man who wrote them is a clever jingle writer, but no advertiser. The illustration is good, will not fail to attract attention, but is better adapted for a wholesaler's advertisement. This illustration occupied more than half of the space used, which was 13x8½ inches. The "metrical" text, which, by the way, in places suggests "Casey at the Bat," makes no mention of stock of any kind, the word Diamond Speeder being the nearest approach to anything "jewelryesque."

For the sake of comparison and as an answer to the two questions which introduce this article, let us read an ad. of F. B. Wallen, Camden, N. J., which was reviewed in the issue of THE CIRCULAR-WEEKLY of Feb. 14, 1906, after having appeared just before Christmas in the local newspapers.

Mr. Wallen is not a believer in the frequent use of this style of advertising, but declares that he secured excellent results from the following, which is unmistakably clever:

'Twas the night before Christmas, while out for a walk,
The subject of presents was the theme of our talk.
The gifts for the stockings, we made our first care,
In hopes that the children would like what was there.

A ring for Nellie would fit in the toe,
So we made up our minds to WALLEN'S we'd go.
As mamma had said she wanted a new pin for her hat,
I told her 'twas a good place for her to buy that.

When near his bright window we heard such a clatter,
We hastened along to see what was the matter.
So up to the window we flew like a flash,
Then into the store we at last made a dash.

The moon on the breast of the new-fallen snow
Gave no greater luster than the goods here on show.
Everything in the store to us did appear
Beautiful, desirable and—not at all dear.

There were several salesmen, so lively and quick,
I'm sure that they greatly assisted St. Nick.
More rapid than eagles the customers came,
And oft as they entered I heard them exclaim;

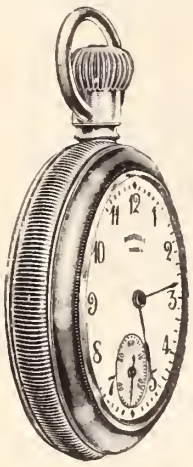
Such diamonds! and watches! chains! hair pins, and rings!
Such cut glass! and silver! and beautiful things.
To the top of the case, standing back by the wall,
I looked and saw clocks that would please one and all.

As the people moved slowly along by the case,
I saw a pleased look upon every one's face.
So up to the counter with speed then I flew,
With heart full of praise, and with interest, too.

Then in a twinkling, I saw in a tray,
A brush, comb, and glass, silver finished in gray.
As I raised my head and was turning around,
Cuckoo, said a clock, and I jumped at the sound.

He was not dressed in fur from his head to his foot,





THE

Ingersoll Watches

BY working our factory (employing nearly 3,000 hands) nights constantly during the last six months of this year, we have kept nearly abreast with our immensely increased business—now nearly

10,000 WATCHES DAILY

And are at present filling orders with fair promptness.

Robt. H. Ingersoll & Bro.

205 Jewelers' Court, NEW YORK



M. L. Landis
Proprietor and Instructor.

Landis School of Engraving

WINTER COURSE OPENS JAN. 2, '07

New Prospectus ready to send out Nov. 1st.

If you wish to take a Course this Winter, please WRITE US AT ONCE and we will assign and hold a place for you.

We do not accept more than twelve pupils at one time, devoting our entire time to their personal Instruction and Advancement.

We are the founders of a New System in the Art of Cutting and Designing, which enables a pupil, not endowed with artistic skill, to learn to make perfect letters.

Write us, and we will give you an idea of what you could accomplish by taking a Course with us.

M. L. LANDIS, 119 Mt. Vernon Avenue, Detroit, Mich.

EVERY REPAIRER

Should have a Copy of

"THE JEWELRY REPAIRERS' HANDBOOK,"

Issued by the Jewelers' Circular Publishing Co., 11 John Street, New York. Price 75 cents.

MOST COMPACT

AND THINNEST
DUST-PROOF

OPEN FACE GOLD CASE

MADE IN THE WORLD
FOR
AMERICAN MOVEMENTS.

Made in all shapes, engine turned, engraved or plain.



Colby Patent, April 24, 1894.

DUBOIS WATCH CASE CO.

21 Maiden Lane, New York.

THE CROHN PATENT SAFETY GUARD



For Scarf Pins Studs and Lace Pins The most practical and only adjustable one invented. Price, $1.50 per doz. For sale by all wholesale jewelers and material houses. Sample by mail, 25c in 10k. gold, $1.00; 14k., $1.25 M. CROHN, Maker and Inventor 48 and 50 Maiden Lane N. Y.



THIS IS DAN I. MURRAY

America's Leading Jewelry Auctioneer

the only man who ever conducted a sale of seven months on Maiden Lane, N. Y., selling only diamond jewelry at 100 cents on the dollar; daily sales, $2,000. It requires no ability to sell brass watches and cheap jewelry at profits and let the jeweler keep his old high-priced goods; then be fails; not that almost every jeweler who has an auction sale fails in business after sale is over or while it is running. Write me why this occurs; I will tell you why—not my sales No failures after I make a sale for a jeweler. There are reasons. Write me. Open for only one more sale this year. I am now selling the $20,000 stock of T. P. Judd, Syracuse, N. Y. This is my fifth sale in this city inside of two years. Address me where you have for the past ten years:

3 Maiden Lane, New York. 151 Wabash Ave., Chicago, Ill. 512 Race St., Cincinnati, O.

DAN I. MURRAY

Two first-class men help me at no extra cost to the jeweler.

Retail Advertising Department.

And his clothes were not tarnished with ashes and soot.
A bundle of toys out of Santa Claus' pack,
Would not give the children such pleasure as that.

Their eyes—how they'd twinkle; their laughter how merry!
I'd be glad I bought gifts this side of the ferry.
I spoke to F. WALLEN, who went straight to his work,
And filled all my orders—then turned to the clerk,
And laying the parcels all out in a row,
He told him to wrap them, and fix them just so.

He sprang to another, to give him attention,
And showed him some scarfpins, of which he made mention.
I had to go home, though I wished to remain,
Resolved I would go there next Christmas again.

The above was published under the eaption "Night Before Christmas," with a jewelry-laden Christmas stoeking as a border. The text deseribes in a faseinating manner artieles in stoek suitable as gifts, and also the beauty of the store and courtesy of the salesmen—a combination which is bound to "help some" in an advertisement.

The little ad. in the upper left-hand corner in the aeeompanying group was used by Albert Cohen, Rutherford, N. J., in a spaee of about 2¼ inches, single eolumn. The text is rather professional in tone, but it is redundant to use both the word "optometrist" and "eyesight specialist," one of these terms, preferably the former, in the case of an advertiser who is strictly a refractionist, being suffieient. There is too great a diversity of type in the make-up.

New Fall jewelry, etc., is advertised by Jaeob Gruesen, Duluth, Minn., in a space of four inehes, double eolumn. The chief defect in this advertisement, also, is the varied assortment of type fonts, there being half a dozen different styles in the make-up of the ad.

Spaulding & Co.'s announcement of three and three-fourths inehes, double eolumn, published in the Chieago *Tribune,* Oct. 13, has a "high class" appearanee, and will assuredly appeal to a high class of buyers.

A. C. McClurg & Co., Chieago, have an attraetive border in their announcement of 3¾ inehes, double eolumn. Exclusive wedding gifts are advertised in a dignified manner.

The Ford Co., New Haven, Conn., is another coneern whieh is evidently aiming at refined advertising as evineed by its neat little advertisement of three inches, single column, shown herewith. The whole arrangement, including type and border, is eeclesiastical in tone.

The ad. below this shows how Ryrie Bros., Toronto, Ont., in a spaee of five inehes, single column, ealled attention to their Autumn "exhibition before sale." That the public realized that it was "weleome" was evideneed by the vast throngs that crowded the store on the two days of the sale.

Johnston Bros., Montreal, are taking advantage of the theatrieal season by advertising opera glasses in a space of five and one-half inches, single column. The text is timely and the typographical display very good.

The large letter "P" seen under the Cohen ad. serves as an excellent border for the single-column announcement, of five inches, of Thomas J. Porte, Winnipeg, Man. The text is not set up as well as it might have been; the word "jewelry" should not have been broken; moreover, the reading matter under this is too eongested.

The ad. of C. G. Schulze, Halifax, Can., below this, also oeeupied five inehes, single column, and was used during a recent exhibition in the advertiser's eity.

Catalogue Comment.

THE "Red Book of 1907" has reeently been sent out by the Edwards & Sloane Jewelry Co., Kansas City, Mo. As usual, it is in every respeet a highly ereditable volume. There are 132 pages, 8 x 11½ inches, printed on heavy enameled paper and bound in red cloth covers. The illustrations are all from actual photographs of the artieles that are offered. In its introduetion the eompany eoneisely states its purpose: "To put before our eustomers in the most modern, attractive and eomprehensive way, the newest and the most staple and salable productions in jewelry, watehes, diamonds and kindred lines." Pictures of the company's new main factory and sales offiee are given in the fore part of the book. The arrangement of the eontents of the volume is eonvenient, enabling the retailer readily to look over the illustrations of the various lines and to make selections. The eoneern has this year diseontinued some of the plated jewelry lines and substituted in their stead solid gold lines. A wire hanger is attaehed to the book, and the retailer is requested to hang it in or baek of the show cases, where it will be easy to eonsult when making orders or to show to eustomers.

* * *

There are upward of 500 pages, 8½ x 11½ inches, in the illustrated eatalogue of jewelry, watehes and diamonds sent out by the C. B. Norton Jewelry Co., Kansas City, Mo. The book is well bound in paper covers in leatherette effect. The company's ambition, as it is announced on the front eover, is to present "everything handled by jewelers," and as the retailer glances through the pages filled with illustrations and deseriptive reading, he cannot doubt that success has been attained in this endeavor.

* * *

One of the largest of the annual visitors of the jewelry trade in the way of catalogues is that of Lapp & Flersham, Chieago, issued under the title of the "Busiest House in the Market." The volume of 1907, whieh is the 31st annual eatalogue of this house, follows in form and general style its predeeessors of the past few years, but it is larger, more eomplete and better illustrated. In all, the work eontains over 600 pages, illustrating and describing praetically every line whieh may properly eome under the category of the jewelry and kindred trades, from the cheapest to the most expensive produets. In addition to the numerous line and half-tone cuts which adorn the book there are also eolored plates, handsomely printed on heavy paper, showing watch cases in their natural eolors of gold and enamel. The general index, the jewelry index and a classified index of the emblem jewelry on the last page offer a ready reference to the contents.



Catch phrases, descriptions and arguments which retail jewelers and opticians have used in their newspaper advertisements.

OH, say can you see by the morn's early light, or do things look blurred and hazy? If so, you're needing glasses that will bring your eyes up to normal—no more, no less. Don't make the mistake of thinking that wearing glasses will make you dependent on them for life, for the very reverse is more true. M. A. Colwell, graduate optician, is splendidly equipped in every way to give you perfect service. Examination free. Gold filled glasses, $2.50—the regular $4 kind. Petz & Thiry, Detroit, Mich.

Opera glasses. Our new Fall import order is now ready, including new and exclusive designs in pearl and black, with or without handle. Prices $1.75 to $25. Everything optieal. The Harvey and Lewis Co., New Haven, Conn.

Eye strain from school work. Oftentimes the child that is set down by teacher and parents as a dullard in his or her studies is simply hampered by unsuspected eye trouble, which has prevented close application, brought on headache and more or less soured their disposition. Don't think that we will put glasses on your child whether or no, but if there is not the expected progress being made in school let our graduated optician, M. A. Colwell, give the eyes a free, thorough examination. 'Twill be a satisfaction anyway and you will be under no obligation. Regular $4 gold filled glasses at $2.50. Petz & Thiry, Detroit, Mich.

Exclusive imported novelties in jewelry. Large sales of novelties during all seasons of the year enable us to keep the newest and most desirable styles always before the public. Smaller dealers find this impossible, and carried-over *passe* designs are always to be found where sales are limited. While our stock is large, it is in great variety, thereby assuring our customers exclusiveness. New La Vallieres, bracelets, brooches, combs, buckles, hat pins, etc., in imported Parisian designs. Albert Pfeifer & Bro., Little Rock, Ark.

Diamond sale nearing end. With this month our special 10 per cent. discount sale of diamonds and precious stones comes to an end. These few days offer, therefore, an unusually attractive opportunity to secure a wedding, graduation or other "gift of occasion," for never will prices be so low again. No one who has followed the record of mining need be told why the stones are growing rarer each year. Out-of-town customers will be shown every consideration. Jaccard Jewelry Corporation, Kansas City, Mo.



Be on the alert

For the issue of The Jewelers' Circular-Weekly of Nov. 7, when an original window display for Thanksgiving will be published in this department.

Why the Dressing of the Show Window Seems a Dreaded Task to Some Storekeepers

"THOUSANDS of shopkeepers require no advice on how to acquire a distaste for window-dressing," says *Men's Wear*, of London. "They already hate the task with a deadly hatred. It is the bugbear of their existence. They look upon it as a necessary evil—a constantly recurrent curse which fills them with loathing and dread. Moreover, this intense feeling of repugnance is by no means always natural or innate. Many men who have in their time been clever window-dressers learn eventually to dislike the work.

"In the vast majority of cases a quite ferocious disgust at what was formerly a delight is gradually acquired. It may be acquired through various causes, and is specially developed in men who have been accomplished window-dressers as assistants, but who have deteriorated in this respect after becoming their own masters. Such men usually become keener buyers, sounder stock-keepers, and clever salesmen as the years go by. Why, then, do they degenerate in ability respecting the most artistic branch of their business?

"Circumstances, of course, have something to do with it. Take a man from an environment of splendid shops in London or a large provincial city, take him from under the eye of a shrewd, exacting proprietor, and place him in charge of his own concern in a quiet country town. The change alone is in most cases naturally sufficient to cause a decline in excellence. The transplanted window-dresser's incentives, powers, and facilities are at once blunted, weakened, and curtailed. His standard of merit is lowered. He complacently restricts his ambition. His perceptive, receptive, and emulative faculties decline with disuse. Beginning with a, perhaps, pardonable disdain for his new neighbor's old-fashioned methods, he enters upon a slope which imperceptibly lowers him to their antiquated level.

"No longer compelled to satisfy the critical acumen of an ever-exigent employer, no longer stimulated by the exploits of fellow assistants or neighboring rivals, his ideals grow dim as his methods grow hard. As time goes on he relies more and more on his previously acquired stock notions of how to show stuff, with the result that his originality dies of starvation and he stagnates. Stagnation is death to art, progress is life. When a man ceases to improve as a window-dresser he becomes indifferent,



DISPLAY RECENTLY MADE BY THE DIAMOND & JEWELRY CREDIT CO., LOUISVILLE, KY.

and then tired. When he is tired of the work he does as little of it as possible.

"It is not a question of laziness. Many men who have learned to hate window-dressing fairly fiercely, men who put off the evil 'window' day as long as possible, are active enough in other respects. In some cases it may be that so much energy is expended in other directions that scarcely any is left for the window. This, however, is not the usual way of learning to hate window-dressing. Neglect of the great, remunerative art is not due so much to the diversion of energy as to a slackening of the fire of enthusiasm. If being bereft of the stimulus provided by a sharp employer and a good salary is not sufficiently depressing, the following hints may help some to a dislike for the work.

"Show only goods which will give a paucity of results. Blind yourself to the real objects of window-dressing. Make hard work of it in every possible way. Keep no duplicate goods out of the window, or you may be saved the trouble of disarranging it. When visiting the city or any large town take no notice of the windows, or you may carry back a good idea and want to reproduce it. Cultivate a few delusions, such as that window-dressing doesn't pay in your district, and that your better-class customers can be more firmly held without making much show.

"Remember your grandfather made money without any knowledge of the art. Have as miscellaneous a stock as possible, especially if your capital is small. Sell everything, and try to show it all at once. Hit on the most inconvenient day of the week for window-dressing. Always start work without any definite plan. Stint and starve yourself of proper fittings, tickets, and novelties. Be awe-struck and disheartened at the sight of a dazzling display, or the picture of one, if you do happen to see either. Magnify the labor and belittle the results. Affect a contempt for advice. Pooh, pooh all hints in trade and other papers. Dread innovation, and fear the sneer of the rival. Ideas in the window-dressing department of your brain will then diminish. Your ardor will cool, you will hate the work. Window-dressing is such a young, growing art, that even a present-day expert can become a stranded, self-satisfied fossil. When a man's mind stops expanding it shrinks."

A window display used recently by the Diamond & Jewelry Credit Co., 304 W. Market St., Louisville, Ky., is illustrated herewith. The show window has a frontage of four and one-half feet, is five feet deep and seven feet high. The ceiling and left wall were covered with a cheap green cloth. Two columns, each four feet high, were erected in the window and joined by an arch, placed on the tops of the columns and covered with the same kind of cloth.

Economy was an important feature in the arrangement of the display, and Mr. Bierman, manager of the concern, tells how he accomplished good results in the following words:

"I purchased two dozen Autumn vines and leaves and attached them to this arch

Storekeeping Department.

ceiling and wall at intervals of about two feet, allowing them to hang down. I also placed a string of vines at each corner of the window. At the bottom of the window, at the front and side, I had 16 four-candle-power electric lamps. On the stand in the center of the window, between the columns, I had four candle-power lamps on every step and on the arch above. The bottom of the window and the stand were decorated in white, which made a beautiful effect, with the green overhead, the whole expense being $8.50, excluding lights, which I already had."

The Storekeeper in the Market.

MANY merchants are in the market now making their selections of goods for their Fall and Winter trade. Many more will come during the next two or three weeks, says the *General Merchants' Review.* Every merchant who can possibly make it, should come. There is nothing like visiting the market to familiarize one's self with values and the new things.

One thing to be remembered in coming to market, however, is for you to know what you want beforehand and make your selections accordingly. Too many merchants lack a proper knowledge of their own business. Too many of them for their own good come to market to buy, and then let some store salesman sell them things they do not want at all. Come if you possibly can, but be very sure that you know your own business and know every detail of it before you do come. Make sure that you know what you want.

You must train yourself to foresee the trend of demand in your locality, and you must cater to that demand. It is your business to know more about what the people in your vicinity want than anyone else. If you understand your business you do know better; therefore in coming to market come determined to buy what your trade demands—not what someone wants to sell you.

After you have bought the goods you want and you are safely home again waiting for them to arrive, there is another important thing for you to remember, and that is the coming Fall rush. Be prepared for the Fall rush. Have your store nice and clean and attractive to receive your new goods. See that the dust is wiped off of the high places, that the windows and window ledges are in good shape; see that the window shades are not all cracked, torn and dirty. Look to all the details of the appearance of your store and arrange everything in harmony to help you take care of this rush.

The Fall business promises to be one of the greatest opportunities ever presented to make money and sell lots of goods. To get your share of this universal prosperity there are some things you will have to do. See to it that you are not classed as a laggard, and that your store presents an appearance that will attract, not repel.

R. C. Anderson has sold his store in Woodstock, Va., and moved to Long Beach, Cal., where he will re-engage in business.

The Way of the Enterprising.

WHAT is locally known as a "pumpkin show" is conducted annually by A. H. Beer, a retail jeweler of Versailles, Ind. Mr. Beer makes an award every year to the person displaying the largest pumpkin. The latest winner was John Copeland, of Benham, who was awarded a South Bend watch.

* * *

Sam F. Sipe, Pittsburg, Pa., last week gave an order for his fifth million package of matches. Mr. Sipe has been using this plan of advertising most effectually. He supplies a large number of dealers, each package bearing his advertisement. He gives them out to dealers in other lines, selling them at just half what they cost him. The matches go principally to restaurants and cigar stores.

* * *

Rudolph Kocher & Son, San Jose, Cal., are showing in their store a painting of the famous Stanford jewels, owned by the Stanford University, and which are shortly to be sold for the benefit of the library fund. The painting is proving a big drawing card.

* * *

Ryrie Bros., Ltd., Toronto, Ont., display a novelty in the form of a toilet set of 14 pieces in solid gold, hand-engraved in old English type, of their own manufacture, valued at $565.

* * *

The Mermod, Jaccard & King Jewelry Co. recently had on display in one of the Broadway windows the prizes given at the St. Louis Horse Show. This firm furnished a number of the cups and other trophies.

* * *

H. L. Whited, Ashland, Ore., gave an exhibit recently of rare silverware and jewelry collected from the surrounding district. He succeeded in getting together some rare things, and the display attracted much attention.

* * *

I. J. Sharick, Juneau, Alaska, writes from that place that some manufacturers and wholesalers who ship goods to Alaska unnecessarily make out an extra set of bills as they would do were they shipping to South America or other foreign countries outside the United States. As there are no restrictions of duty, etc., placed upon goods going to Alaska, it is necessary to make out only one invoice for the stock. In other words, the procedure is no different from that attending the shipment of stock to any other State or Territory in the United States.

There is a large amount of good in everybody. Learn to admire the good qualities of others and to be lenient in your judgment of the bad qualities. Do not backbite your fellow employes nor gossip about them; it's not good business, not good sense, and it doesn't pay. If you cannot say good of others, say nothing.

* * *

You cannot succeed when wearing a long face, with gloom and dissatisfaction marked by every line. The world loves a cheerful spirit and showers its best gifts upon those who, by their actions, show the world that its gifts are enjoyed.—*Adsense.*

The Question of Price an Important Feature of Business.

THE most important feature of business is the question of price. Whether it is made by one dealer, or several dealers, or an association, the question of price is the one important thing to be considered. Shall prices be maintained, so that the quotations made are virtually standard, or shall each dealer make his own prices as best suits his convenience, or will secure business for him in competition with others handling the same lines? Upon the answer to these questions depends, in some degree, the future of the stationery trade.

To be successful any business must yield a profit, not alone to one dealer, but to all who are engaged in that particular department or line, and success never comes with cut prices. Reduction in price means loss of profits, and finally loss of profits must lead to impairment of capital. Few firms can stand that, and disaster or retrenchment must be the end.

Firm prices, maintained steadily, are certain to improve trade, in that every buyer knows exactly what he must pay, no matter of whom he makes his purchases. There is no shopping around, no effort to secure a reduction here or there, no attempt to obtain special favors. All goods of the same quality are sold under the same terms. Some manufacturers require this and refuse to sell to price cutters. Others do not, and after the goods have once passed from their hands they give the matter no further attention.

Unquestionably steady prices, which are known to all buyers, are most desirable and yield the greatest profit to the trade. They may be lower than the outside prices of some dealers, but their continuity and stability is what gives them the chief value. Like prices on other classes of goods, the figures on stationery should be maintained at an equable range, which will yield a fair profit to all. Confidence and stability, two of the most important influences in any trade, will be fostered by maintained prices, and all dealers, as well as buyers, will benefit alike.—*American Stationer.*

Yankee Jewelry Dandy.

LONDON, Oct. 17, 1906.

Editor THE JEWELERS' CIRCULAR-WEEKLY:

After paying a visit to the palatial stores in New York, like Tiffany's, Whiting's, Gorham's, etc., one is struck at once by the contrast seen on Oxford St. and Piccadilly. Here, in comparison, the first-class jewelers' shops are mere packing cases, attractively laid out, no doubt, with all goods displayed to the best advantage, but so small that one wonders at the size of the sales.

After spending a week in visiting London's chief jewelers, the conclusion is reached that they compare with the third and fourth rate cities of the United States. Small stocks are more the rule than the exception, and in places like Omaha, Denver and Los Angeles, in the extreme west of the United States, are to be found larger lines of certain articles than one meets with in London.

J. F.

What Tool is of More Importance to THE MAKERS OF FINE JEWELRY than **A FIRST CLASS SAW?**

SHARP—TRUE—UNIFORM —PERFECTLY TEMPERED





Such is the **ZEUNER SAW.**

TRY THEM, for "Only the Best are Good Enough," and only the Best are Cheap. Trial orders promptly filled under guarantee of perfect satisfaction, which applies also to our *"AMERICAN SWISS FILES."*

E. P. REICHHELM & CO., 23 JOHN STREET, NEW YORK.



HERPERS BROS.,

MAKERS OF

BRACELET **SETTINGS**

IN 10, 14 AND 18 KARAT GOLD AND IN PLATINUM.

ALSO A COMPLETE LINE OF GALLERIES AND FINDINGS.

GALLERIES

12 NEW PATTERNS

OFFICE AND FACTORY NEWARK, N. J., U. S. A.

NEW YORK BRANCH 41-43 MAIDEN LANE

S. MARTIN

JEWELERS' AUCTIONEER



840 Summit Ave., MILWAUKEE, WIS.

L. D. 'PHONE, LAKE 663

Refer to Last Sales:

L. Lechenger, Houston, Tex., 2 sales.
A. H. Richards, El Paso, Tex., 4 sales.
Mermod, Jaccard & King Co., St. Louis, Mo., 4 sales.

The Thimble House.



No. 149.

Thimbles are not a side line with us—They are our main business. We study Thimbles, our designers study thimbles, our workmen study thimbles—The result is the finest and largest line of Thimbles on the Market.



No. 136.

KETCHAM & McDOUGALL,

Manufacturers,

37 & 39 Maiden Lane, New York.

Send for Catalogue. *Established 1832.*

ALSO MAKERS OF THE NEW AUTOMATIC EYE-GLASS HOLDERS.

GLARDONS' SWISS FILES

are the

HIGHEST STANDARD of Excellence.

We are Sole Agents for the United States and Canada.

F. W. Gesswein Company,

Established 1868. Incorporated 1896.

WILLIAM DIXON, PREST.

Dealers in Fine Tools and Supplies,

39 John Street, New York.



GEO. KEPPLER

Designer, Modeler and Die-Cutter

(MECHANICAL ENGRAVING)

Highest Art in Jewelry and Silver Novelties, Figures, Portraits, Watch Case Decorations. Fine Castings in Gold, Silver and Bronze.

Before placing your orders call on us, and look over our entirely new and extensive collection of designs and models.

201 East 16th Street NEW YORK

LEARN WATCHMAKING AT HOME,

by THE De SELMS CHART SYSTEM, copyrighted and patented. The most simple, practical and up-to-the-minute method of learning.

Saves you time and money while learning and puts you in a position to more than double your income.

50 million timepieces to be repaired. Accurate time is a necessity in the business world. When time is money the watchmaker gets his share of profit. Positions for graduates. Booklet free. Write to-day.

The De SELMS WATCH SCHOOL,
109 Perry Street, ATTICA, INDIANA.

JAMES J. DONNELLY,

Gold and Silver Electro Plater, Fire Gilder and Colorer,

41 and 43 Maiden Lane, New York.

Prompt Attention Given to Mail Orders.

PRACTICAL COURSE IN ADJUSTING.

Published Price, $2.50.
Special Reduced Price, $1.50, Postpaid.
All Jobbers or Jewelers' Circular Publishing Co.



[Answers are also solicited from our readers to the questions published on this page.]

QUESTION No. 1691.—**Miscellaneous Queries on Electroplating.**—(1) *What is the best acid to use for a bright dip for brass?* (2) *What kind of dipping basket can you recommend for potash and soda solutions?* (3) *Give me a good brassing solution for small articles?* (4) *How can a red gilding solution be prepared?* *C. O. A.*

ANSWER:—(1) For bright dipping brass use pale 38 per cent. aqua fortis, one gallon; oil of vitriol, one gallon; water, one-half gallon; rock salt, eight ounces. When mixing, add the vitriol to the aqua fortis, then dissolve the salt in the water and add to the acid. If the dip becomes weak, add small quantities of the acids of equal proportions. (2) Dipping baskets for potash or soda can be made of iron, steel or copper. Stone ware baskets are very good, but are easily broken, especially after the glaze is removed. (3) For a brassing solution the following is recommended: Copper acetate, 50 grammes; crystallized sodium sulphite, 250 grammes; ammonium carbonate, 35 grammes; dissolve in three liters of water. (4) Red gilding solution may be made with one gramme of brown gold chloride in ammonia. Dissolve the fulminating gold in 1 per cent. solution of cyanide of potassium, then add .05 of copper acetate to above.

QUESTION No. 1692.—**Cement for General Use.**—*Please give me a formula for a cement that I can use for stopping up leaks in vats and plating tanks.* *V. C.*

ANSWER:—A valuable cement for general use, such as stopping leaks in tanks, joining chemical apparatus (glass and brass)—in fact, for closing cracks and stopping leaks in almost everything, may be made by mixing commercial glycerine and litharge to the consistency of dough. It may be somewhat improved by using Portland cement with the litharge (equal parts), when large joints or cracks are to be filled. This will harden under water, and will stand not only high temperature but also the action of hydrocarbon vapors.

QUESTION No. 1693.—**Very Tenacious Brass.**—*What proportion of copper and zinc should I use to produce a very tenacious brass?* *V. T. B.*

ANSWER:—The proportions should be: Copper, 54 parts; zinc, 46 parts; but both metals must be absolutely free from tin or lead.

QUESTION No. 1694.—**Melting Temperatures of Metals.**—*Can you furnish me with the melting temperature of some of the soft metals, which may be used for soft solder or for the casting of some small ornaments?* *S. J. R.*

ANSWER:—There are quite a number of such alloys, which include the following: (1) Eight parts of lead, three parts of tin and eight parts of bismuth, called Rose's metal, which will melt at 95° C. or 203° F. (2) Eight parts of lead, four parts of tin, 15 parts of bismuth, three parts of cadmium, called Wood's metal, which will melt at 68° C. or 155° F. (3) Eight parts of bismuth, five parts of lead, three parts of tin, called Sir Isaac Newton's fusible metal, which will melt at 100° C. or 212° F. (4) Three parts of tin, five parts of lead, 10½ parts of bismuth, called Dr. Dalton's fusible alloy, which will melt at 92° C. or 197° F. The addition of a little mercury makes it still more fusible, and fits it to be used as a coating for the inside of glass globes.

QUESTION No. 1695.—**Colored Gold.**—*Can you give me a list of alloys that will produce gold of different colors, such as green, red, blue, etc.?* *C. G.*

ANSWER:—The *Scientific American* recently published the following:

Gold. Parts.	*Silver. Parts.*	*Copper. Parts.*	*Steel.*	*Cadmium. Parts.*	*Color.*
2.0 to 6.0	1.6	...	...	...	Green.
75.6	16.6	...	...	8.4	Green.
74.6	11.4	9.7	...	4.3	Green.
1.0	2.0	...	...	...	Pale yellow.
4.0	3.0	1.0	...	...	Deep yellow.
14.7	7.0	6.0	...	...	Deep yellow.
3.0	1.0	1.0	...	...	Light red.
10.0	1.0	4.0	...	...	Light red.
1.0	...	1.0	...	...	Bright red.
1.0	...	2.0	...	...	Bright red.
30.0	3.0	...	...	2.0	Gray.
4.0	...	...	...	1.0	Gray.
1.0 to 3.0	...	...	...	1.0	Blue.

QUESTION No. 1696.—**To Polish Bone and Horn.**—*How can bone and horn be highly polished?* *P. B. H.*

ANSWER:—First scrape clean with glass, then grind with fine pumice and water on a cloth until smooth; next with rottenstone and linseed oil, and finish with dry flour and linen.

QUESTION No. 1697.—**Removing Stains from Marble.**—*What can I use to remove stains from a marble counter?* *R. S.*

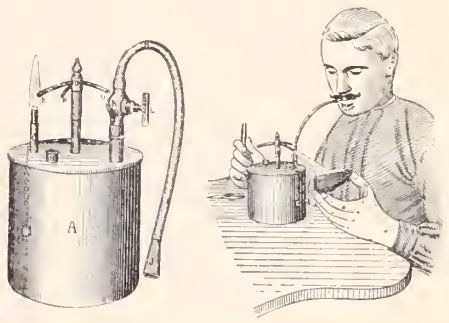
ANSWER:—Make a rather thick paste of four parts, by weight, of soft soap, four parts of chalk, and one part of carbonate of soda, mixed in sufficient water. Apply a quantity to the spot, leave for 24 hours, and then wash with pure water. The application can be renewed if necessary.

W. H. Ostrander, for many years engaged in the retail jewelry business in Corning, N. Y., with I. K. Blumenthal, has entered into a partnership with David F. Fero. The business will be continued under the firm style of Fero & Ostrander.

A New Benzine Lamp for the Use of Country Jewelers and Watchmakers.

A BENZINE lamp designed for the use of country jewelers, etc., who are without the use of gas has been patented by a Swiss manufacturing jeweler. On the top of a closed cylinder is an opening, closed by a screw cap B, through the opening of which the cylinder is filled to the extent of half its capacity with 68 per cent. benzine. From a second tube, C, projects a sliding tube carrying a wick, which is lighted by the escaping benzine. From the center of the cover of the cylinder is another tube with a movable head piece with three disconnected leaders E, F and G, any one of which reach the burning wick when turned in that direction.

A fourth tube with a faucet serves, by



MODE OF OPERATING BENZINE LAMP.

means of an elastic tube and a mouthpiece J, an operator, when setting the lamp in action. By the air pressure thus produced the benzine is forced from the cylinder through the tube D and one of the three graduated openings of E, F or G into the burning wick, producing a flame of three different intensities. With one filling of the lamp to one-half its capacity a day's continuous use may be had at a trifling expense. Some caution is necessary in using this lamp.

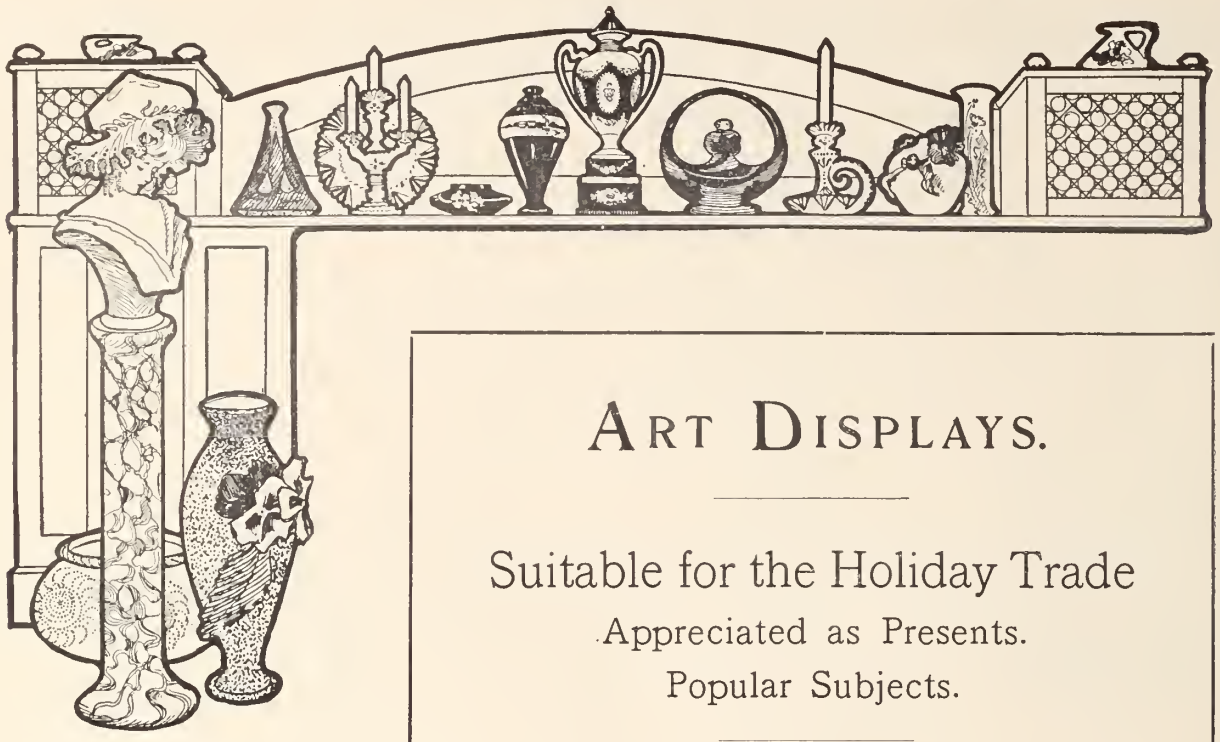
To Recover Gold or Silver from Solutions.

IN the *Apotheker Zeitung* appears the following novel method of precipitating metallic gold or silver from their solutions:

"According to C. Goldschmidt, by boiling nickel foil in a gold solution the gold will be precipitated in the form of a brown powder.

"Similarly cobalt foil boiled in silver solutions will cause the metallic silver to become precipitated in black powder consistency." C. W. C.

Among the effects that are difficult to accomplish in the enameling of jewelry articles are pink on gold or silver and purple on gold. Black is probably the enamel most in use, and yet a good black is very hard to get, because the oxide that will color black is iridium, which is very expensive. Hence, all black enamels are either intense blues or greens. A blue-black is better for mourning jewelry or any article where the mat or dead finish effect is decided, while a green-black will give better results when the finished article is to be polished or lapped.



Art Displays.

Suitable for the Holiday Trade

Appreciated as Presents.

Popular Subjects.

OBJECTS OF ART make the strongest appeal to refined taste for presentation purposes. Such products should occupy a foremost place in the Jeweler's displays for the Holiday season.

Every line appropriate for your Art Department will be found here in sufficient range to meet the varying requirements as to taste and price. The smaller examples, no less than the larger ones, are rich in artistic expressiveness; and many of them are so distinctly modern and popular in conception and treatment as to appeal strongly to Holiday purchasers.

Our lines are still sufficiently complete to afford the fullest opportunity for selection, but the early placing of such orders is advisable.

FERDINAND BING & CO.'S SUCCESSORS

Special Wares for the Art Department of Jewelers.

10 Washington Place,

NEW YORK.

The CONNOISSEUR

Devoted to Art Pottery, China, Marbles, Bronzes, Cut and Decorated Glass Ware, Bric-à-Brac, Lamps, Art Metal Wares, Fancy Goods and Kindred Lines.

Japanese Pottery and Porcelain.

(Arthur Veel Rose, in the *American Pottery Gazette.*)

WHEN one realizes how enormous the American trade in Japanese pottery and porcelain is, it becomes actually surprising to find among those who sell and buy it so few who possess anything more than a superficial knoweldge of its history. Indeed, it is not uncommon to find a salesman while in the act of selling a specimen of Hizan porcelain describing the article as a piece of Kaga, Kioto or Owari ware. Under these circumstances, it may not be out of place, for the benefit of the uninitiated, to classify the various makes and individualize the decorations of the best known factories, and thus enable them to talk more intelligently upon a subject which they at present seem to know so little about. It is not proposed to go deeply into the subject of the ceramic art of Japan, for there are already many exhaustive works on the subject, but rather to discuss the "commercial" Japanese porcelain of to-day.

Each province of Japan has its pottery or porcelain manufactories, of more or less importance. The most important ones being Hizan, Satsuma, Kaga, Kioto and Owari; while there are 23 minor provinces, many of which contribute to some extent, to the American market.

The Province of Hizan, situated in the westerly portion of the Empire, in the island of Kiusiu, is one of the best known and more important headquarters of Japanese ceramics, because it includes the wares shipped from Nagasaki and Imari, which wares have taken to themselves names of these ports, although they are chiefly made in and around the town of Arita. The ware more generally made here is very highly decorated in rich panels of floral and conventional designs in red, blue and gold, and is very popular. Eggshell porcelain is also made here in considerable quantities, and generally decorated in underglaze blue. Crackled ware decorated in colors and gold is also a specialty of these sections. The most modern and also the most inferior productions (the forms used being European or American) are generally known as "Nagasaki ware," and comprise vases and articles for the breakfast, dinner and tea table, coarsely decorated in colors and gold. The above practically covers the different varieties and grades of Hizan porcelains.

The next ware of importance and popularity is Satsuma. This province, though only separated from the Hizan district by a comparatively short distance, produces ware of an entirely different body and decoration. The color of the body and glaze of Satsuma faïence varies from a grayish-white to the tone of vellum. The glaze of this ware is always "crackled," owing to the unequaled contraction, which takes place between the body and the glaze, during the cooling process after firing. The decorations generally used on modern Satsuma faïence may be classified as follows: First, simple floral designs in delicate colors, touched up with gold; second, conventional ornamentations, diaper work and medallions, with very rich gilding; third, compositions of flowers and birds, in colors and gold—this class is more common than the others, and generally less expensive. There are great quantities of imitation Satsuma faïence on the market, most of which is made at Kioto, but is easily detected by the color of the glaze, which is a distinct buff tint, and very glassy, besides being very porous.

Kaga porcelain gets its name from the province of Kaga, in the island of Nippon, but is made at Kutani. The present productions have fallen off in quality, as compared with the earlier work, but this is so with nearly all modern Japanese work, and is largely brought about by American and European dealers sacrificing quality for quantity. The body of this porcelain is a cold white, and the decorations are, for the most part, somewhat intricate and complicated. The general colorings used are rich reds and ruddy browns, and the designs, scrolls and overlapping medallions, containing landscapes, figure subjects and floral decorations; the whole ground being almost covered with decoration to obliterate the cold whiteness of the body of the porcelain. Large quantities of ware are sent here, from other districts, to be decorated, and include considerable eggshell porcelain from the Hizan factories.

Kioto, the city of Mikados, has always been important in the production of pottery and porcelain. The latter largely consists of tea sets, plates and vases, decorated with great skill, in cobalt blue of great beauty and purity; but the most recent productions are in colored enamels of rather inferior quality. The "pottery" is mostly made at Awata, where the industry has flourished for over 250 years. Great quantities of this ware are sold as Satsuma, owing to its great similarity in general decoration; but it can easily be distinguished from its old rival, as Awata faïence is most carefully potted, has a fine and soft texture, a warm ivory or pale yellow tint, and a thin and most minutely crackled glaze; while Satsuma ware is rather roughly potted, has a hard grayish-white body and a coarser crackle. Then again the decorations on Awata faïence are different, being more richly painted with birds, flowers, tortoises, storks and convential designs, in raised and flat gold, and bright enamel colors.

Porcelain from the Province of Owari is the last of the important districts to describe. The quality of the paste itself is pure white and very translucent, the productions being mostly vases and tea sets, plaques and dinner services, and the decorations, flowers, insects, tortoises and the diaper patterns, in a rich blue, also in bright-colored enamels. The Seto factories also manufacture large jardinieres, of heavy, thick porcelain, decorated and modeled in relief, in white porcelain enamel, and consist of flowers, storks and waves, with a deep blue enamel glaze.

Cloisonné enameling upon porcelain is also largely carried on in the Owari factories, and has been an important industry for over 30 years.

Of the 23 minor provinces, there is little to be said, except that the pottery and porcelain is generally of very inferior quality, and in most cases is an imitation of one of the five more important provinces. The staple product of Mino consists principally of eggshell porcelain saké cups, the exterior of which is covered with a minute basket work of finely split bamboo, and are to be found in almost every store carrying Japanese goods. At Nagato, imitations of Satsuma faïence are largely made, but are easily detected.

Recent Customs Decisions on Glassware.

DECISIONS by the Board of United States General Appraisers, New York, in cases involving duties on glass ware, were rendered recently as follows:

Deception Glasses—Blown Glass Ware.—Protest of Geo. Borgfeldt & Co. against the assessment of duty by the Collector of Customs at Boston. So-called deception glasses, which were classified as blown glass ware under Par. 100, Tariff Act of 1897, were claimed to be dutiable as toys under Par. 418. Protest overruled.

Cut Glass Bottles.—Protests of C. F. Rumpp & Sons against the assessment of duty by the Collector of Customs at Philadelphia. These protests related to bottles of cut glass with metal tops. The Board held them to have been properly classified under the provision in Par. 100, Tariff Act of 1897, for articles in chief value of cut glass.

Frank F. Parritt, Des Moines, Ia., has leased the old Garver building in that city. He is remodeling and renovating it for business purposes.



Look for the Pouyat Marks

Some of the reasons why dealers in Art-Porcelains should be interested in Pouyat China:

It is a notable ware historically; famous since 1783.
It is recognized as the finest modern product of the celebrated Limoges potteries.
Its unfailing supremacy is certified by a long series of medals and awards, including five bestowals of the Cross of the Legion of Honor upon successive heads of the Pouyat house.
It offers the widest choice of artistic designs, the widest range of prices.
Finally, all Pouyat ADVERTISING is designed to stimulate the business of LOCAL DEALERS.
If your jobber does not handle Pouyat China, we will inform you where to obtain it.

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PAROUTAUD & WATSON
Representing J. Pouyat
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"CAULDON" CHINA AND EARTHENWARE



CUSPIDORS AND UMBRELLA STANDS

Also a large line of

WALL PLATES

at moderate prices that can be sold at large profit.

Sold exclusively to legitimate jewelry and china houses. No competition from department stores.

Call and inspect the line, or write, and we will forward samples.

Edward Boote
46 West Broadway
NEW YORK

A Fine Collection of Pewter.

(J. H. Buck in the *Bulletin of the Metropolitan Museum of Art.*)

THE museum has recently acquired a collection of pewter, principally of Austrian, French, Flemish and German make of the 17th, 18th and 19th centuries. Of the 180 pieces domestic utensils predominate, with a few pieces made for ecclesiastical ceremonial.

Pewter has been known and used in most countries of the Old World for at least 2,000 years. It was the substitute for silver and was to be found upon the tables of the well-to-do classes of the Middle Ages. Later it took the place of "treene"—wooden dishes, platters and bowls—in the homes of the peasantry, and it was in general use until superseded through the adoption of cheaper materials, china, earthenware and Britannia metal. Like silver, fine pewter oxidizes slowly, and unlike those of copper or brass, its oxides are harmless. Tin forms the greater part of pewter, the finest varieties, sometimes called "tin and temper," being simply hardened by a small portion of copper. Ordinary pewter is a mixture of tin and lead. The law of France restricts the percentage of the lead to 16.5, this mixture being claimed as proof against sour wine and vinegar. Britannia metal is really a pewter of good quality, containing tin, antimony and copper.

Pewter was manufactured by casting and hammering, the use of the lathe being limited by the laws of the craft guild. In early times the moulds for casting belonged to the guild and were lent to the members. From the nature of the material, the beauty of pewter depends chiefly upon its form or outline; it is too soft for the kinds of ornamentation produced by the chaser and engraver to be successfully used. Decoration by the latter method is usual, but it quickly shows signs of wear.

The shapes of pewter vessels and their designs followed those of the silverware of the period. In some cases it is probable that the pewter objects were silversmiths' trial pieces, executed in this cheaper material in order to judge of the effect of the design before it should be worked in the more costly material.

In the present collection are several specimens of the so-called "food bottles" or "carriers," octagonal, flat and round, with screw tops, and in one case a spout, probably for milk. Spoons of various shapes (but no forks), ewers, tankards, flagons, jugs, porringers, écuelles, dishes, platters and chargers are all represented.

The two time lamps with glass reservoirs and metal bands divided into numbered spaces, show how time was measured during the night hours of the 17th century. Interesting also are the candlesticks, barber's bowl, cisterns—one wholly of lead—beakers, spoon stands, salt cellars, coffee urn and stand, coffee, tea and chocolate pots, pepper casters, salt boxes, etc. Church pewter is represented by a baptismal basin, cruets with tray, bénitiers for holding holy water and alms basins; Jewish ceremonial, by *seder* dishes and a lamp.

E. J. Harris, Moundsville, W. Va., has added a new front to his store.

List of Jewelry Presented by a British Nobleman to His Wife in 1467.

FOR the following curious and quaint account of the wedding presents given by Sir John Howard to his wife, the Lady Katherine Howard, Jan. 22, 1467, we are indebted to J. H. Yarnall, Washington, D. C. It will no doubt prove interesting to the antiquarian, as well as all those interested in knowing how important a part jewelry played among the British aristocracy in the 15th century.

This wrytenge made at London the vj yer of Kynge Edward the iij. and the xxij. day of Jenever 1467, wytnesseth what stoffe my master Sir John Howard hath delyverd to his wyfe my Lady in this mouth of Jenever.

Ferst ij. rynges of goolde set with good dyamawntes, the wyche the quene gaff to my master.

Item, a rynge of goolde with a fyne rubye.

Item, a nowche of goolde set with a fyne safyre, a grete balyse and v. perles.

Item, my master gaff here a fyne pece of holand clothe as goode as Reynes conteynenge in length xl. yerdes, the yerde was wele worth iiij-s.

Item, my master gaff here a noder pece of holand clothe, corser, conteynenge in lengthe more than xl. yerdes, the yerde was worthe ij-s iiij-d.

Item, my master gaff here a longe gowne of fyne cremsen velvet furred with menyver and purfeled with ermynes.

Item, my master gaff here a devyse of goolde with xiiij. lynkes and the ton halffe of the lynkes enamyled set with iiij. Rubyis iij. dyamawntes and viij. perles.

Item, my master gaff here an nothe of devyse of goolde of the same fassyon with odre xiiij. lynkes, and theryn vij. Rubyis and vij. perles.

Item, my master gaff her a gyrdell of clothe of goolde and the harneys of goolde.

Item, my master gaff here a coler of goolde with xxxiij. roses and sonnes set on a corse of blak sylke with an hanger of goolde garnyshed with saphyres.

Item, my master gaff her iij. owches of goolde garnyshed with iij. rubyis, a saphyre, an amytes, an emerawde and xv. perles.

Item, my master gaff here a peyr of bedes for a gentylwomannes nekke gawdeid of goolde and viij. perles.

Item, a rynge with a grete saphyre.

Item, my master gaff her a nother ryng with an amytes.

Item, my master gaff her iij. Agnus Dei of goolde.

Item, my master gaff her a gret sygnnet of goolde with the vernycle.

Item, my master gaff her v. odre ryngis withowt stones.

Item, my master gaff her a longe of vyolet engreyned furred with martres and purled with martres.

Item, my master delyverid to my Lady a bed of cremysen damaske embrowdered with Cyle counterpoynte and testour all after one.

Item, a pece of Aras conteynenge xj. yerdis and iij. quarters.

Item, my master sent to my Lady a longe coshon of cremesen velvet and iij. schorte coshones of grene velvet.

Item, the same tyme my master delyverd her a cheyne of goold of the olde facyon prise iiij. markis.

Item, the yere above said and the xvj. day of Apryll, my master delyverd to my Lady v. sylver spones.

Added in Sir John Howard's own hand:

And the vij. zere of the kenge and in the monithe of Janever I delyvered my wyffe a pote of selver to pote in grene genger that the kenge gaffe here.

James J. Woodward, Somersworth, N. H., recently completely his 63d year in business in that town, during all of which time he has been at 90 Market Sq. Mr. Woodward learned the jewelry trade in the store which he now occupies, and became proprietor of the business at an early age. The anniversary of his career was acknowledged by his townsmen, who generally congratulated him upon the event.



NEW EFFECTS IN IMITATION BRONZES.

NEW lines of Parisian bronzes are being shown in the salesrooms of Bawo & Dotter, 30 Barclay St., New York. Many subjects are to be found, and the novel effects in color make the display especially attractive. Attractive lamp shades and electroliers, both French and German, widely varied in shape and decorative design, have recently been received. A new line of white bisque of varied and pleasing workmanship is also shown. The cut glass exhibit in these salesrooms is larger than ever before. The display of new works in marble will actively interest jewelers carrying these lines.

*

NEW AGENT FOR BACCARAT GLASS.

A. GREDELUE, who for a number of years traveled in South America in the interests of the Baccarat glass ware, recently made his debut in the trade in New York, having succeeded Paul Durand, the former American agent. The latter went to Los Angeles to live. Mr. Gredelue proposes to conduct the business along the same lines as those pursued by his predecessor, and is showing in the salesrooms, 43 W. 4th St., New York, a comprehensive display of rock crystal, colonial cuttings, gold decorations and other lines, some of which have made a distinctly favorable impression in the jewelry trade. The carved glass ware, similar to rock crystal, but in deeper cuttings, has proved especially attractive.

*

A DRAWBACK TO THE CUT GLASS TRADE.

"ONE drawback in our trade," said a New York representative of cut glass manufacturers, "is that too many men start factories without sufficient preparation. A cutter requires little capital in order to leave the ranks of the employes and become a manufacturer on his own account. Few tools suffice, and he can set up his plant in a small room, almost anywhere. He is likely to find, however, that everything does not go as smoothly as he expected. He must sell his product, and to do this he is often obliged to accept prices that are altogether too low. If he is persevering, he may ultimately win some measure of success, but there are so many factories that prices are kept too low. Another result of too many shops being operated is that a great volume of inferior cut glass is placed upon the market, and this to some extent injures the reputation of all lines."

THE RAMBLER.

W. W. Smith has purchased the business of the Howard Hardware Co., Harris, Ia.

C. DORFLINGER & SONS,

36 MURRAY STREET, NEW YORK.

Works, White Mills, Wayne Co., Penna.

Manufacturers of plain and cut Table Glassware of the highest quality.



Royal Doulton China

THIS EXQUISITE NOVELTY TELLS THE QUAINT STORY OF

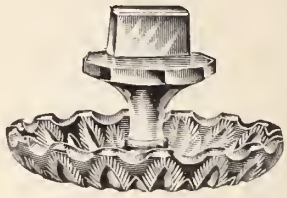
"The Jackdaw of Rheims"

DECORATED IN BEAUTIFUL COLORS IN A LARGE VARIETY OF

VASES, JUGS, TOBACCO JARS, Etc.

W. S. PITCAIRN

SOLE AGENT,
44 Murray Street, New York



No. 822, MATCH HOLDER

Cromwell

One of our many novelties

Maple City Glass Co.,

CUT GLASS TABLEWARE,
Hawley, Pa.

SALESROOMS:
New York—H. B. Stites, 253 Broadway.
Baltimore—Green & Thomas, 33 S. Charles St.
Boston—Sweetser-Bennett Co., 101 Tremont St.
Buffalo—J. R. Stadlinger, 685 Main St.
Indianapolis—J. A. Dugan Co., 22 S. Capitol Ave.
Duluth—Duluth Crockery Co., 6th Ave. and West St.
Denver—Western Selling Co., 422 Charles Block.

W.G. & Cie FRANCE

GUERIN CHINA

of LIMOGES, FRANCE.

Our gold incrusted patterns are recognized by the trade as "STANDARDS." This line, because of its quality and rich effects, is especially desirable for Jewelers.

NEW SAMPLES NOW READY.

Wm. Guerin & Co.

Sole Agent: CHARLES STREIFF, 33 Park Place, New York.

CATALOG A customer comes into your *Store*, wants something you haven't got, and it makes you fidgety. No need fretting when one of our Catalogs is at your elbow. What you want is there. A friend in need is a friend indeed.

OSKAMP, NOLTING & CO.,
413-415-417 Elm St., CINCINNATI, OHIO

Sample $25.00 Assortment of American Genuine Hand-Painted Novelties on best-quality porcelain.



		EACH	
202.	2 Olives.....7 in..	$1.00	$2.00
262.	2 Spoon Trays..7 " ..	1.25	2.50
123.	1 Celery Tray..12 " ..	—	2.75
358.	2 Pin Trays....5 " ..	.62	1.25
373.	2 pair Salts and Peppers, pair.....	1.00	2.00
643.	1 pr. Sugar and Cream	—	3.50
103.	1 Cake Tray....9½in	—	2.75
1.	3 B. B. Plates...6 " asst..	.87	2.63
445.	3 Plates..... 8½ in. asst.....	1.12	3.37
19.	1 Salad.. ..... 10 in.	—	2.75

21 pieces Price for lot $25.00

Net cash with order or New York references.

L. W. Levy & Co.

Jewelers' Novelties in China, Glass, Metal, Leather, Etc.

580-582 Broadway
NEW YORK

Remarkable History of the Spanish Crown Jewels Taken by Murat.

THE Paris *Temps* recently published the last work of the late historian, Albert Sorel, which contains some interesting details regarding the Spanish crown jewels.

In 1808 Murat, Napoleon's brother-in-law, later King of Naples, but then still Grand Duke of Berg, was sent to Spain to establish quarters for the King whom Napoleon was to give Spain. As Murat imagined that he himself was to be King of Spain, he acted as though he were the Regent already, especially with regard to the Spanish crown jewels. When the French Ambassador, Le Forest, was ordered by Napoleon to take an inventory of the Spanish crown treasure, most of it, and the best part of it, was missing.

Napoleon knew this treasure very closely, and estimated its value at 15,000,000 to 18,000,000 francs. But only 4,000,000 francs worth was found. Especially "La Peregrina," the pearl famous for its size and purity, was conspicuous by its absence. It was as large as a pigeon's egg, and came from Panama.

De Forest found out that the receipt which Murat had given to the Marquis de Mos, master of ceremonies at the Spanish court, when the latter handed the crown jewels entrusted to him by Ferdinand VII., when that monarch left Madrid, over to Murat, was in the possession of one Aymé, councillor of state and Murat's secret agent at Paris. Aymé was arrested and a search in his house brought to light letters from Murat dating from the year 1809, in which the latter declared that he intended to be Napoleon's successor should Napoleon lose his life in the Austrian campaign. Napoleon also caused investigations to be made in Naples and learned that Neapolitan jewelers had come into the possession of costly valuables, among others a wonderful pearl.

Murat felt the storm approaching, and after receiving a threatening letter from Napoleon, decided to rather part with the jewels than lose his kingdom. He had intended to divorce his wife, Caroline, a proceeding to which Napoleon strenuously objected. He now made peace with her and sent her to visit her brother in Paris. Regarding her departure the Russian Ambassador reported to his Government:

"The Queen takes along a casket containing a very costly diadem; also a rope of pearls, ear pendants, bracelets, a set of buttons, etc., all richly studded with diamonds. It is said to be the treasure of the Spanish crown, which the Queen takes to her brother to assuage his anger."

Very likely the casket also contained the "Peregrina" pearl.

Caroline returned to Naples with great pomp, and in the full glory of a royal sister of the mighty emperor, a fact which proved eloquently that a complete reconciliation had taken place, doubtless brought about by the restoration to Napoleon of all that part of the Spanish crown treasure which Murat had abstracted when in Madrid.

American Instrument Wins British Medal.

THE Automobile Club of Great Britain and Ireland recently offered a gold medal for the speed indicating device scoring the highest number of points in a 2,000-mile reliability test. The medal offered by the club, an illustration of which is shown herewith, is an excellent example of English workmanship. On the obverse side in bold relief is a conventional wreath of laurel, the name of the entrant and winner and the date of the contest. The reverse shows a curious steam-propelled vehicle called "Hancock's Infant." The name of the donor is also on this side.



GOLD MEDAL AWARDED TO AMERICAN SPEEDOMETER.

The object of these trials was to determine the most reliable instrument for indicating and recording the speed of automobiles. Two thousand road miles were covered by the competitors, extending over a period of 31 days, after which extensive micrometer tests were made. Eleven instruments, each of a distinct make and representing four different countries, participated in the trials. The superiority of an American instrument was clearly demonstrated by the committee of judges, who decided that the Jones Speedometer, a New York product, was the only instrument to score an absolutely perfect record. A noteworthy incident of the trial was the fact that the instrument which won the medal was not specially constructed for that event, but was selected from stock by the committee of judges.

At Evansville, Ind., D. S. Martin recently succeeded Sol. Martin, Jr., as manager of the business of Martin & Co.

The Production of Platinum in 1905.

THE year 1905 saw a phenomenal rise in the price of platinum and a greatly increased production in the United States. The annual report of the United States Geological Survey on the production of platinum, prepared this year by F. W. Horton, contains details of exceptional interest. It shows that early in March, 1905, the price of ingot platinum advanced from $19.50 an ounce to $21 an ounce, surpassing gold in value. On April 1, 1905, the price fell to $20.50 and remained firm at this quotation until Feb. 1, 1906, when it jumped to $25 an ounce, where it remained until Sept. 1, or about six weeks ago, when it leaped to the unprecedented value of $34 an ounce. Mr. Horton's report also shows that the production of platinum in the United States increased from 200 ounces in 1904 to 318 ounces in 1905.

The rise in the price of platinum and its increased production in this country may be ascribed to two causes: the growing demand for the metal and the reduced yield of the Russian platinum placers, which usually furnish about 90 per cent. of the world's supply.

The anxiety felt by the platinum dealers during the Japanese-Russian war has not abated since the settlement of international difficulties, but has rather increased as Russia's internal dissensions have developed. Even before the uprisings, it is said, the large Russian mines were purposely curtailing their production. This reduction of the output is due to the fact that the entire product for a varying term of years was brought up under contract and at prices that now seem ridiculously low. As the mine owners receive only the fixed price, they do not participate in any gain due to rise in value, and are therefore not desirous of a large production, but are husbanding the limited resources of their mines until such time as they can dispose of their product to better advantage. Meanwhile the small mines, which, generally speaking, are not hampered by such agreements, are working to their full capacity to take advantage of the stimulated prices; but their entire output is only a small percentage of what is usually produced. A greatly increased consumption of platinum in the electrical and chemical industries, together with this stringency of supply accounts for the prevailing high prices.

The exhaustive tests and examinations of black sands commenced early in 1905 in connection with the Lewis and Clark Exposition, and still being carried on at Portland, Ore., by the United States Geological Survey, have done much toward placing platinum mining in this country upon a stable footing and developing it into a permanent and profitable industry. Not only have many discoveries of platinum in new localities been made, but the tests have revealed the fact that there are in this country districts which contain surprising quantities of platinum, and they have also given much valuable data as to the best method of obtaining it.

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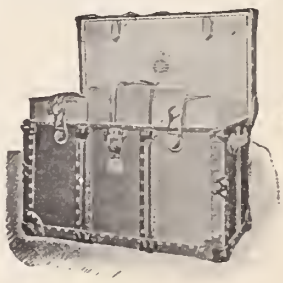
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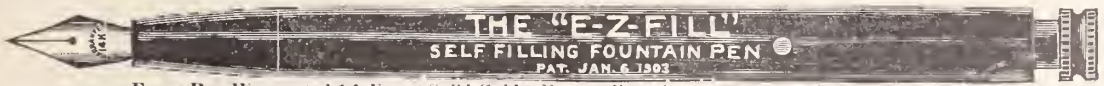
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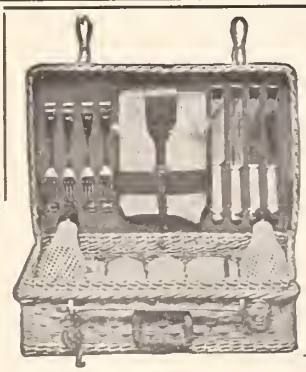
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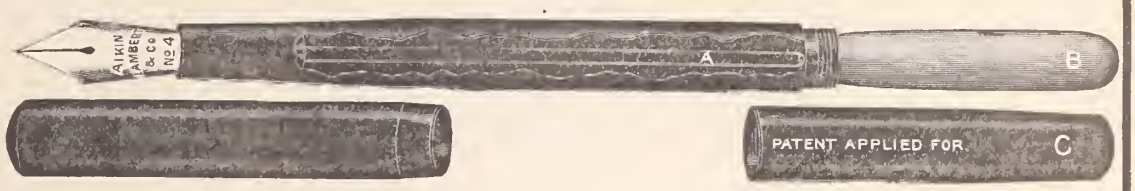
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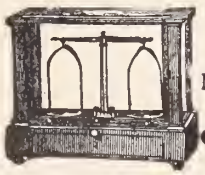
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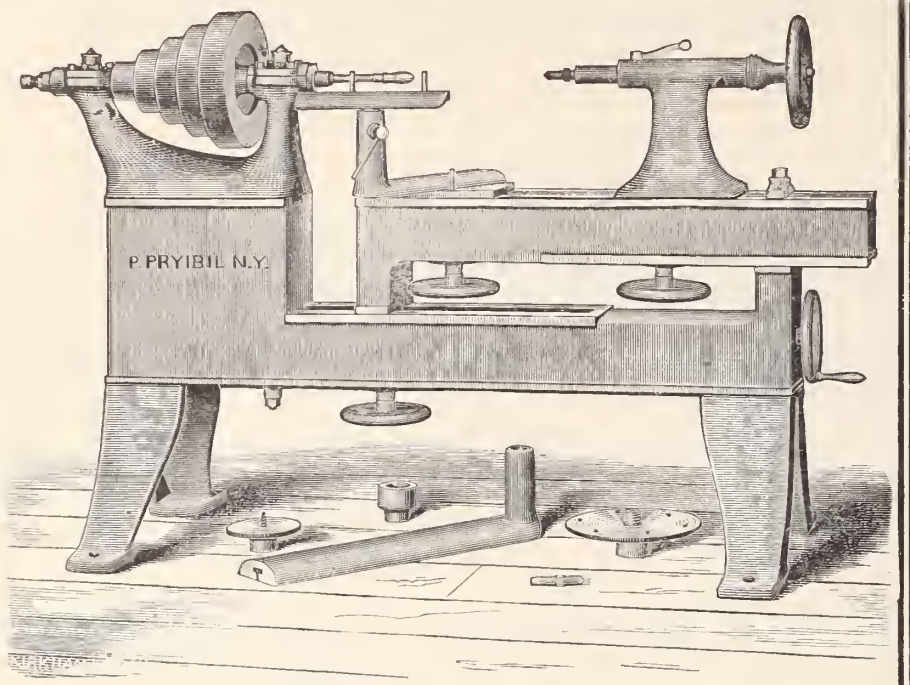
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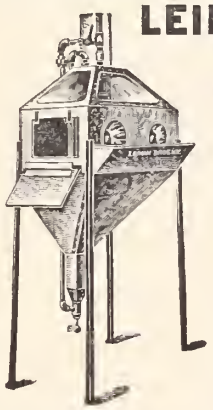
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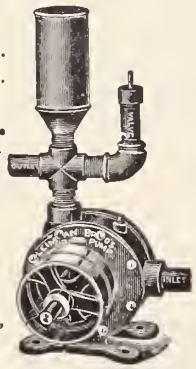
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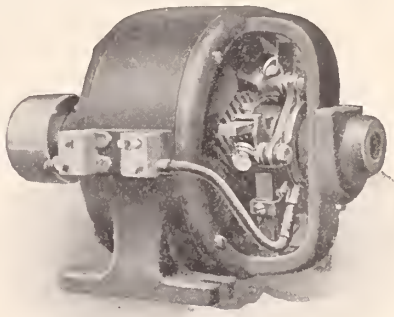
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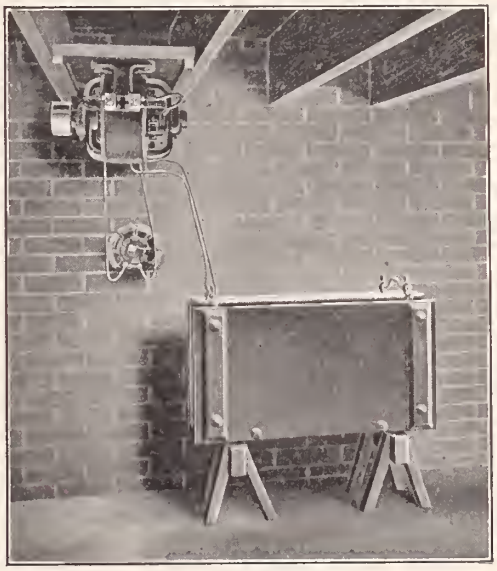
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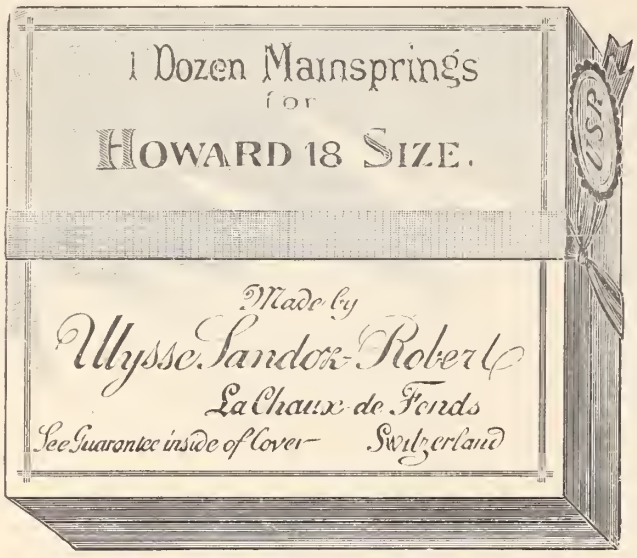
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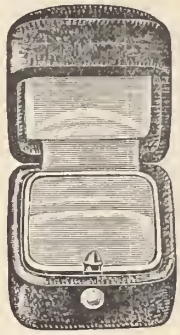
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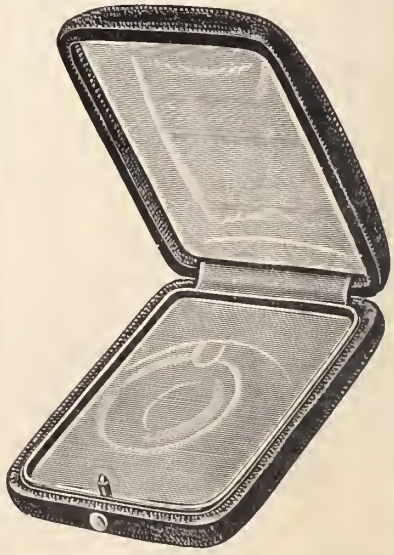
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